



GD

Vending Machine Management

USER MANUAL

v.6.6

Contents

Sommario

GD - Vending Machines Management	1
Introduction to GD / GD1	1
Specifications on GD1	1
Microsoft Office Compatible	1
Logic of the vending company databases	2
TI Backup OnLine Service 5 GB	7
Installation of GD	1
Installation and access to the Microsoft SQL Server	3
Installation of the Server PC with SQL Server	3
Installing GDSQL on a client PC	3
Configuration wizards	1
Basic configuration wizard	1
Advanced configuration wizard	5
Working with GD	1
The Menu Bar	1
Toolbars	1
GD Element Bar	2
The on-line contextual help	3
The GD interface	4
Loading the data	8
GD Explorer and GD MiniExplorer	10
BarFilter	12
Logic of user profiles	1
Products and product families	1
Family Products	1
The Products	2
Kit Logic and Composite Products	7
Product management Free gift	8
Types of dispensers and relations with products	1
Type of dispensers	1
Dispenser Brand	3
Dispenser family	4
Macrofamily dispensers	4
Dispenser accessories	5
Methods of calculating the payments	1
Calculation of the payment based on the products delivered	1
Calculation of the payment based on the beats	1
Calculation of the payment based on the dispensing products	2

Creation of the installations	1
Single card mode	1
Installation configurations (wizard).....	16
Logic of price lists	1
Name.....	1
Sales.....	2
Assigning the sales	3
Management of price list versions	3
Extended functions for the management and modification of commercial prices	5
Variation of the prices of the supplies and application on the V/M.....	7
Discount management	8
Logic of companylists.....	8
Payment systems logic.....	1
Basic / advanced configuration of the price lines (Basic configuration of GD)	1
Table payment systems.....	2
Data acquisition from payment system	10
Association between GD counters and payment system lines	12
Option for manual detection of deliveries only (validator only)	14
Option for manual detection of the recessed only (validator only).....	14
Management of the names for payment products	15
Generating movements from payment system data	15
Sales out of Tables (Zip, MyZip).....	20
Settings of price bands / lines at individual dispenser level.....	20
Management logic of the sorter / coin counter	1
Compatibility with the coin counters.....	1
Configuration.....	1
Recording and display of Collections and surveys	4
Coin count acquisition	6
Advanced mode of coin count acquisition	7
Management of alarm messages and Eva-DTS signals from payment systems	10
Display of the last ten collection / cashed values in coin count acquisition.....	11
Count Line Detail Area.....	14
Grid print configuration Coin count acquisition	14
Other support tables	1
Operator data table.....	1
Suppliers Table	7
Table of reasons for refusal	8
Cost / Revenue Table.....	8
Table Other personal data	9
Customer Status and Contract Status Tables	9
Table Master LHA	10
Tables Banks Database	10

Table Master municipalities.....	11
Business Master Data Table	11
Customer Zone Table	12
Customer Category Table	12
Payment Methods Table	12
VAT Exemptions Table	14
Management of personal data	1
Display Notes on terminal	1
General notes and display when GD is opened.....	1
GDTrasfServices and devices in the field.....	1
Data exchange logic with handheld devices	1
Use of the Android PDA handheld PM80-Irda.....	2
Using Android smartphones with GD.....	2
Use of Windows Mobile handhelds with GD	3
GDAdmin configuration.....	3
Installation of GDTrasf on Windows Mobile	5
Example of initialization of a PDA with GDTrasfServices	10
Additional functions for GDTs Admin level user	14
Installing GDTrasf on Android.....	16
Automatic update of PDAs	20
Logic of daily activities	1
A. Creating a Route Type.....	2
B. Creation of the daily route.....	4
C. Customer Request Logic	8
D. Other van loading modes.....	1
E. Download route data	6
F. Using the terminal for a route.....	1
G. Free sites and their use	1
H. Upload route data from the handheld.	4
I. Reload route data.....	5
J. Logic of management of multiple visits.....	8
K. The Route Status Window.....	1
L. Automatic route data reload	3
Logic of tax regimes (administration or supply of services).....	1
Customization of invoicing VAT at the individual dispenser level	1
Corporate price management: Fatt. Company deliveries	2
Issued by GD / Management / Billing documents / Company deliveries	2
Customization of the VAT of administration at the level of the individual client site.....	2
Customization of invoicing to net / gross of VAT	1
Logic of tax documents.....	2
Tax document records.....	3
Issuing of transport documents (TD)	4

Issue of TD for installation and withdrawal of dispensers from PC.	6
Generic TD output from PC.....	6
TD pro-forma issue from PC	7
Issuing and printing of TD from a handheld terminal.....	7
Issue TD for delivery of goods from terminal	8
TD Issue of installation and withdrawal from terminal	9
Invoicing issue logic	9
Billing of orders at the start of the route (from PC)	9
Customizing document issuance for orders at the start of the round	10
Billing carried out by the terminal	10
Deferred invoicing (from PC)	11
Optional management of invoice issuance for merchandise detail	12
Pro-Forma invoices (from PC)	12
The invoice pay function	1
Direct sale / delivery	1
Possibility to enable the use of the current operator on Direct sale /Delivery and generic sales	4
The Generic Sale function	5
The Synchronized Data ModificationSynchronized Data Modification	6
Issue of the RIBA (GDermChain).....	7
Management of credit notes.....	8
Logic for loading GD products in Warehouse	1
Loading deposit	1
Inventory adjustment	1
Purchase from supplier	2
Supplier management	4
Product movement (between warehouses).....	6
Direct load management by the loader operator	10
Management of the position of the products (shelf / position) in the deposits.....	13
Fresh products management logic	1
Lots Management / Product Traceability Logic	1
Operation in GD	2
Internal subdivision management	2
Development lots with supplier lots	3
Purchase of Products from Suppliers.....	3
Using Lots in Customer Requests Orders.....	6
Sale and delivery of the products.....	8
Loading products in the van.....	11
Use Lots for Sale Direct Delivery.....	11
Use of Lots in Van Loading.....	11
View and modify Lots in Revision movements.....	12
Print function only batch deadlines.....	13
Assignment of delayed lots Deferred.....	13

Manual batch saturation.....	14
Logic of the automatic registration of the dispensers	1
Automatic registration V/M.....	1
Logic of the withdrawal of dispensers in storage.....	1
Dispenser replacement function.....	1
Replacing the dispenser from the PC.....	1
Replacing the dispenser from the PDA.....	3
Dispenser sales logic.....	1
Logic of the synchronized management of products / serial dispensers	2
First activation (activation of complete history or only of the current situation).....	2
Stock deposits and warehouses.....	3
Starting and managing the route on the PDA	3
Immediate reintegration of the products / dispenser	3
Dispenser sales.....	3
Sale price of dispensers.....	3
Van Inventory Alarm.....	4
Logic of LHA declarations	1
Personal dataASL	1
Logic of the Automatic Consumption Control	1
Specifications on Automatic Consumption Control (CAC).....	2
CAC Date Processing	3
Maintenance Management Logic.....	1
The Actions Category Table	1
The Standard Actions table The Standard Actions	1
Dispenser Maintenance.....	2
Management Maintenance	2
Scheduled Maintenance	3
Dispenser technical	3
Spare product management logic.....	1
Management of spare parts in GD - Management in the office	1
Spare parts management in GD - Terminal management	2
Visualization of spare parts on the terminal.....	2
Logic of the implementation of HACCP self-control plans.....	1
Workshop management	1
Macrocomponents.....	2
Workshop Management Work.....	3
Mode without managed workshop flow	4
Mode with the workshop flow managed.....	6
Refurbishment of dispensers.....	9
Vans maintenance logics	1
Management logic for payments, subscriptions and returns for water bottles	1
Fee Logic	1

Subscription Logic.....	2
Alternative product by subscription.....	3
Returns Logic (returnable blanks of Boccioni).....	3
Commissions and Awards Logic	1
Commercial roles.....	1
The Commissions profile table	2
The table Profile awards	4
Options for application fields of commissions	5
Commissions in installments	5
Print Commissions and Awards Report.....	5
How the calculation of the commissions takes place.....	5
Possibility of separating from the commissions a distinct collection amount	6
Promotions logic.....	1
General data (valid for all types of promotions)	1
Promotions for price cutting management	1
Promotions for score accumulation	4
GDAdmin / Print / Handling / Promotions summary.....	5
TelemetryManagement	1
TelemetryGD - Coges Avantis	1
GD Telemetry - BitX	2
NRI Telemetry Currenza Airport.....	3
Management Logic and Alarm List	1
GDAlerter	7
Client site location function via palmtop	1
GDMapLite (Use in GD / GD1)	1
Point of Sale.....	1
GD Admin	3
The GD Admin menu bar The GD Admin menu.....	1
The Analysis menu of GD Admin	2
Analysis Customers Sites.....	2
Management Analysis	5
Data surveyed by the Payment Systems	11
Analysis cashing tendency	13
Analysis customer sites/Routes.....	13
Analysis effective beats tendency	14
Analysis delivered products sale.....	14
Analisis products sold by operator.....	15
Analysys for sector: Analysis effective beats for sector and Revenue account for sector	15
Analysis effective beats for sector and Revenue account for sector	16
Graphic immediately available in GD Admin	18
The Tools menu of GDAdmin	19
General Settings.....	1

Database utilities.....	1
Terminal initialization.....	1
Copy terminal data for assistance	1
The Print menu of GD Admin	2
Print Zone Customers	2
Print Customer sites	2
Printing Sites not visited	3
Printing visits carried out	3
Print programmed visits	4
Print Deposits	4
Management Lots	4
Print Trucks	4
Print Types Routes.....	5
Print data daily routes	5
Print daily routes opened	5
Print Requests of intervention Recapitulation	5
Print reasons of refusal recapitulation.....	6
Print Cashings for period	6
Print labels for small bags.....	7
Print Fiscal Registers	7
Reprint issued documents	7
Recapitulation Installations.....	8
Recapitulation installations for our person of reference	8
Sell recapitulation for our person of reference.....	8
Print L.H.A. Declaration.....	8
Declaration at the Municipalities Mod. Com. 5.....	8
Print Pricelists	9
Print Products/dispensers	9
Print dispensers/Products	9
List of dispensers with enabled Products	10
Print Rent	10
Subscription printing	10
Print Types dispensers	11
Print Maintenance	11
Control lists.....	12
The Management menu of GAdmin	8
Offload truck.....	8
GD elements copy.....	8
GD element re-establish.....	8
Pricelists multiple setting.....	9
CSV Data import	9
Holidays multiple setting	10

Accessories multiple setting	10
V/M Interval of reloading modification.....	10
Traceable records and specifications for CSV data import	1
GD Eco / Fin Data Management.....	2
Introduction	2
Menu	2
Centers	4
Movements Management.....	8
Macro Structure	10
GD CRM - CRM functions and campaign management	1
General characteristics	1
Potential customers master data.....	1
Communication campaigns.....	3
Campaigns with fixed or custom text documents	3
Management of CRM questionnaires	4
Implementation of a communication campaign.....	7
GDCRM telephone campaigns	12
GDCRM visit campaigns.....	13
Visiting campaigns of salespeople on Android devices.....	15
Integration with the features of the GD Data Explorer	20
Creation of personalized documents	20
GD Shop and functions for the mgmt of the store	1
Customer Fidelity Card Management.....	1
Use of Fidelity card	3
Printing of Fidelity Card	4
GDExportSQL User Guide.....	2
GD ERMChain	2
GD BI	2
GD Map	3
GD Track SW	4
GD Remote	6
GD Mobile / GD Messenger	6
GD Pay per Use	1
Activation	1
APPENDICI	10
Different types of installation	1
GD QUICK START	1
Technical info for setup ed installation.....	1
System requirements – GD SQL 2012 e sistemi operativi supportati.....	1
Interfaces / transponders supported by GD.....	1
Paytec (Fage / Vesiel).....	3
N&W (Necta / Ade).....	4

Suzohapp (Comestero).....	5
Crane Payment Innovations (Mei / Mars).....	5
Mark VMV	8
Other DEX systems (for example NRI Clip, Coinco Global).....	9
Saeco Card.....	9
Operating notes for the use of the main transponders (6.3A)	10
IR Data-Key Coges.....	10
BTDataKey Coges	11
N&W BlueRed.....	12
BT 6000 Paytec.....	13
RFTech / Comestero Smart-Irda.....	13
Table of compatible systems.....	14
Table of compatible coin countersorter	16

GD - Vending Machines Management

Introduction to GD / GD1

The procedure GD – Gestione Distributori (Vending Machine Management), was developed and evolves with following the indications of different vending companies who work both in the field of traditional machines and in the field of pod machines. The declared purpose of the product is to represent the vending company's work tool for setting up and above all controlling the entire activity of his company.

Until now the vast majority of software products for the distribution sector have been designed to solve only a small part of the vending company's problems: customer data, loading of the machines and acquisition of the receipts from the coin mechanisms in the first place, but according to the given settings from the programmer.

On the other hand, the management activity due to the great variety of methodologies and methods with which it is carried out requires a highly customizable tool that can be used by everyone according to their needs.

The initial analysis and implementation of GDs were therefore guided by the desire to create a tool that was able to perform most of the operator's activities in the most automated way possible and therefore, with the automatic collection of load data and unloading of the machines, were able to provide work data always available and consequently accurate statistical data, indispensable for modern monitoring of their activity.

In order to adapt to the different working methods of the operators and not to constrain in any way the management activity, GD has been designed in a completely configurable way by the user, who must, during the installation and start-up phase of the system, to understand well the possibilities to decide the level of detail of the information that interests him and therefore if, and how, to use the tools offered by the program.

Specifications on GD1

Designed to meet the needs of smaller operations, the GD1 product appears to be a substantially similar version with respect to GD. In fact, maintaining the basic structure of GD standard, or allowing in any case to insert all the useful information for the eventual transition to standard GD, GD1 is devoid of the management of the internal workshop of the company (Work of technicians, head of workshop ...). The management of interventions, scheduled maintenance and spare parts is identical to that present in GD.

The contents of this manual are intended to be valid for both products, except where explicitly stated that the functionality is not available in GD1.

Microsoft Office Compatible

GD is a "Microsoft Office Compatible" application: most of its basic features (including toolbars, menus, and shortcuts) are similar to those used in Microsoft Office. If you are already using Office

or a "Microsoft Office Compatible" product, you will see that a large number of tasks can be performed in a similar way in GD. These similarities will allow you to use Office compatible products more easily together.

Look for the "Compatible with Microsoft Office" logo when buying software. For more information on the program Compatible with Microsoft Office and for a complete list of products compatible with Microsoft Office, consult our website at <http://www.microsoft.com/italy/office/compatible/> or contact Microsoft Customer Service at 1-800-426-9400. Customers outside the United States should contact their local Microsoft Office.

GD has an interface designed according to Microsoft Office standards. The File menu has been customized and two commands have been added in order to access more managements, or different archives. The View menu allows you to activate and deactivate the toolbars as well as the GD status bar.

For example in GD Admin the General Settings item in the Tools menu, similar to the Microsoft Office options, was placed in the first position as it represents the real control center of the program. The toolbars have a look & payment almost similar to Microsoft Office, they can be customized and allow you to quickly perform the main functions within each tab as well as to access the various tabs very quickly.

The standard toolbar allows in particular to perform on the active card the primary functions of recording, searching and deleting data; it also allows to activate the contextual help which is crucial for an immediate learning of the functions of each card.

To know the function of each button on the bar as well as in Office, just place the mouse pointer on it. Finally it is necessary to remember that all the buttons present on the cards are also accessible by means of the keyboard, allowing a complete operation of the user regardless of his way of working.

Using GD with Microsoft Office

GD is based on archives managed in Microsoft Access format. The expert user, after making a security copy of the management to avoid making changes that could make the application inoperable, can view and export GD data to other Office applications. Every report produced by GD in preview can be exported in different formats, many of which are specific to Microsoft Office applications. For example, you can export the declaration to be sent to the LHA in Word to be able to customize the format according to your needs.

The reports can be exported in Word, Excel or RTF format, which respects the GD report much more while maintaining 99% formatting. Furthermore the exported reports are automatically saved in the REPEXPORT folder indicated in the general settings of GD Admin. The REPEXPORT folder is created under C: automatically by GD, when a document is first exported from GD, the exported document is saved with the name of the specific report of the GD document. If you want GD / GD Admin to ask for the name and route of the export file every time, just delete the route in REPEXPORT in the general settings Management

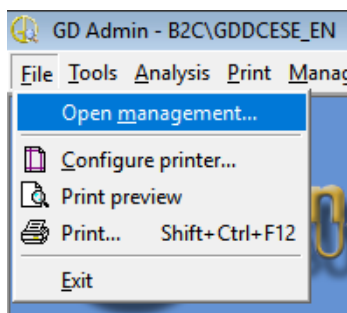
Logic of the vending company databases

With SQL Server the database is managed by a server program (Exactly the "Microsoft SQL Server") And the data archive files are not visible to the user but managed by the server itself. When opening a management then, GDSQL does not require the user to select the main management file on the disk or from the network, but queries the server PC (which can also be the same PC where the program is

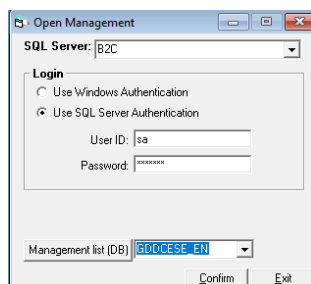
being used) and requests the list of archives present on the server; in the same way, when any data is stored or any GD processing is performed, it is no longer the same software that updates the data but simply makes the appropriate requests to the PC where the Microsoft SQL Server is running, which then carries out the operations.

Open management ...

From the File menu of GD you can access the "Open management .." function that allows you to select a database other than the current one.



Selecting the menu item opens the Login mask



Select the server from the "SQL Server" drop-down box or directly type the server name as shown in the figure where: "M1" is the name of the computer where SQLServer is installed and " GDSQL "is the instance.

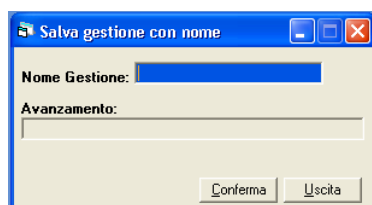
Select the "Use SQL Server Authentication" option, enter a valid user ID and password to connect to the server in the appropriate boxes.

Press the "Management List (DB)" button to display the databases on the server in the drop-down box or alternatively directly enter the management name.

Pressing the confirm button, if the data entered are correct, GD will connect to the requested management.

Save management with name ...

The "Save Management with name ..." function allows you to make a copy of the management in use:



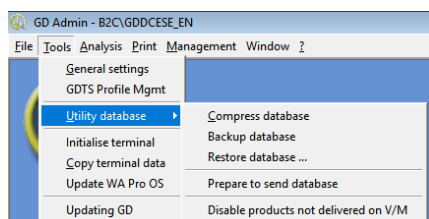
Enter the new name to be given to the copy of the management in the appropriate box and press "Confirm", after the operation has been performed (after that the mask closes automatically) it will be possible to connect to the new database via the "Open management ..." function

NOTE: this operation is allowed if you are running GD SQL on the machine where the server was installed, otherwise a message will warn that the operation cannot be performed and the mask will not be opened.

Database Utilities

The menu of GD Admin SQL allows you to perform some database administration procedures, in particular the **Backup** and **Restore Management**.

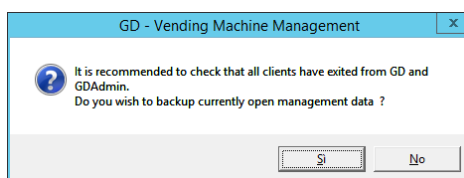
Due to the delicacy of these operations, these operations are allowed only if you are running GD Admin SQL on the Server machine.



Backup database

The backup operation allows you to make a security copy of the management which can be restored, if necessary, by the "Restore Database ..." Function

Selecting the "Backup database" item, after confirming the operation from a special box,



will be a backup copy of the current management is made, this copy will be physically located on the server machine.

Typically in C: Programs Microsoft SQL Server MSSQL.1 MSSQL Backup

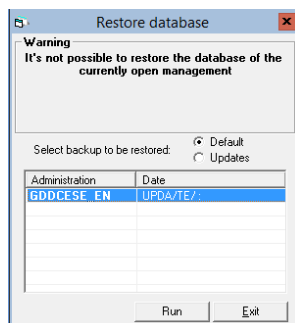
Restore database ...

The function allows you to restore a management, which was backed up, also allows you to update the database in case it was downloaded an archive update from Target Informatica.

Attention if the name of the current management is identical to the management to be restored, the current management will be overwritten.

Selecting the "Standard" option displays a list of the operations backed up with the execution date: select the desired item from the list of managements by clicking on the "Management" column and press the execute button . Wait for the end of execution message.

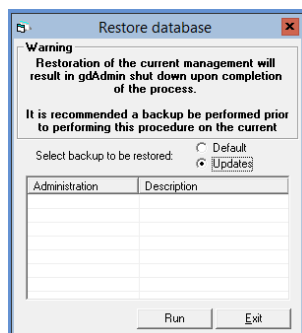
If you are restoring the current management GD Admin will automatically close. If the management name in the "Management" column corresponds to the currently open one, it will be highlighted in bold.



Selecting the "Updates" option it is possible to update the database data with the updates downloaded from the Target Informatica.

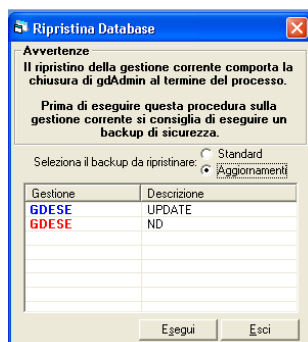
Attention if the name of the current management is identical to the management to be restored, the current management will be overwritten.

The management name is highlighted in blue to distinguish it from the standard mode. If the management name in the "Management" column corresponds to the currently open one, it will be highlighted in bold.



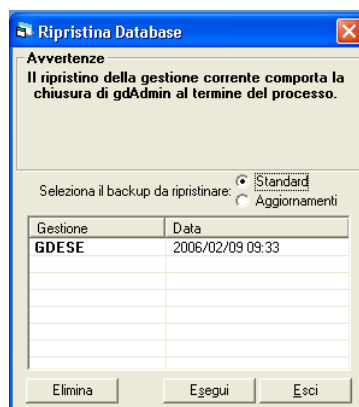
Select the desired item from the list of managements by clicking on the "Management" column and press the execute button. Wait for the end of execution message. If you are restoring the current management GD Admin will automatically close.

NOTE: if the procedure finds an update backup, insert the word UPDATE in the "Description" column, if it identifies a backup file that cannot be recognized as an update, it inserts in the word "ND" and highlights the management name in red. The following figure shows the case in which a GDESE management update file (current management) and another file that cannot be classified as an update was found.



Delete management backup

If there are old recovery files that you want to delete, you can activate the delete function by selecting the "Restore Database ..." menu item while holding down the "Ctrl" key, in which case the mask will open Restore Database in which the "Delete" key is visible:

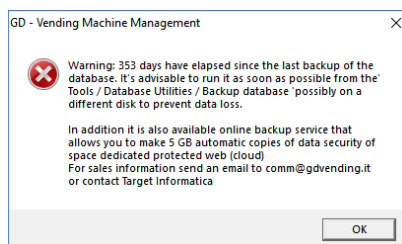


At this point it is sufficient to select the item of the list to be deleted and press the appropriate key. The recovery file will be deleted after further confirmation.

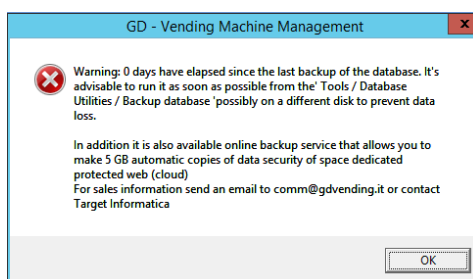
NOTE: the "Delete" function can only be used in "Standard" mode

Failure to backup the GD database alarm

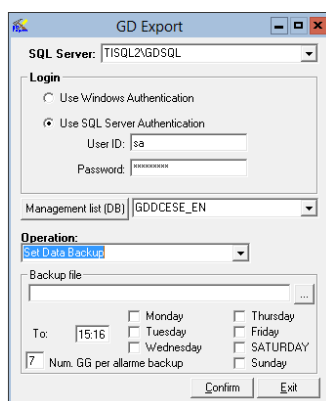
An alarm box is available, displayed when the GDAdmin program is opened, which warns the user that a backup has not been performed. of the database for over 7 days



All the more reason the system warns if the backup has never been carried out



The interval in days after which the message is displayed can be customized with the GDExport backup setup function



TI Backup OnLine Service 5 GB

It's possible to activate in GD, a GFI cloud-based online backup system, one of the best systems on the market. The service allows you to automatically manage the backup of GD databases and other documents and in the future it will be extended to the complete backup / restore of the GD server. The data, encrypted and accessible only to the end user, is saved in differential mode (only the amount changed since the previous backup is transferred) so the transfer is very fast (over 5gb / minute). The user is periodically informed with an email of the status of the backup and a backup made in the last 28 days is always available. Payment is via Paypal and credit card and includes a small activation payment and a monthly amount based on the space consumed.

For commercial information send an email to comm@gdvending.it

Installation of GD

The following are the operational steps for the installation and the first start-up of GD - Vending Machine Management.

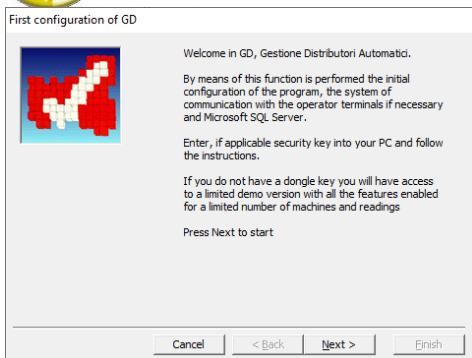
Warning: if you are installing GD on a network on several computers, the TCP / IP protocol must be correctly configured on all the PCs on the network with an IP address and Subnet Mask and any server for resolving host names. If you do not have the necessary knowledge to do this, please contact your contact person. trusted technician before starting the installation of the program.

1. Check that the minimum requirements are met, in particular space on the hard disk, RAM memory, operating system and type of Service Pack installed. To check the latter, check the Windows Control Panel System entry.
2. Insert the setup DVD or CD in the reader and double click on the SETUP.EXE file.
3. Run the installation by pressing Next and confirming all the steps provided. Before installing the product, the GDNetPlatform is installed which updates, if necessary, the basic Microsoft libraries of the Windows operating system.
4. Restart the PC if requested at the end of the setup
5. Check in the control panel if the Windows Firewall is active or alternatively if other manufacturers' firewalls are installed. The Windows Firewall is automatically configured by the GD installation procedure. If instead you have installed firewalls of other manufacturers such as Norton Internet Security or McAfee Personal Firewall or similar you need to turn them off or alternatively have them configured appropriately by a trusted technician to allow access to the SQL Server. Contact the service center for any further information and explanations
6. Insert the GD protection key in one of the USB ports

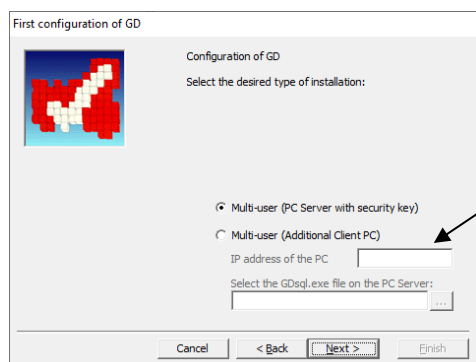
After restarting the PC, selecting the Start item GD - Vending Machine Management, start the program initial configuration procedure illustrated below.



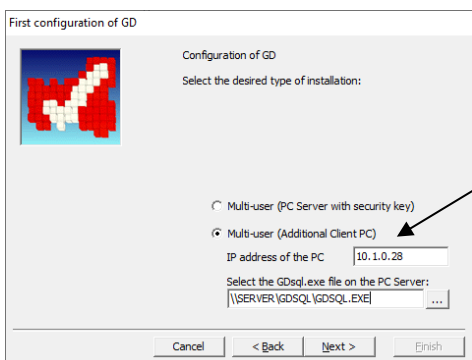
Enter the user name of the user



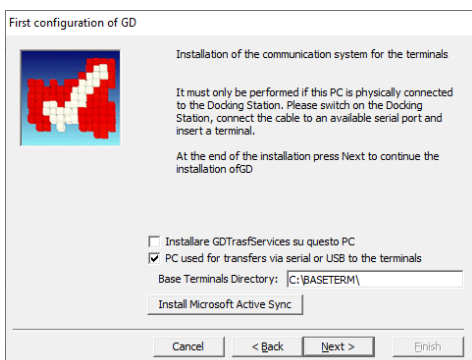
Choose the type of installation you want depending on whether you want to install GD on a single PC (1) or on multiple PCs on the network and, in the second case, if you are installing GD on the Server PC (the one where the hardware key is mounted and where are the archives) (1) or on one of the other PCs on the network (2). Below are the two possible cases



Choice of type of installation
Installation of GD on single computer or on PC Server
In this second case, share the folder that contains GDSQL (generally c: programs gdsq). It is essential that the gdsq folder is shared on the server PC and that the PC client users have full read / write rights on the GDSQL directory.



Choice of type of installation
Installing GD on Client PC:
having chosen the second option, type in the appropriate boxes the IP address of the Server and the path of the file GDSQL.EXE (ie \\M1\gdsq\gdsq.exe)

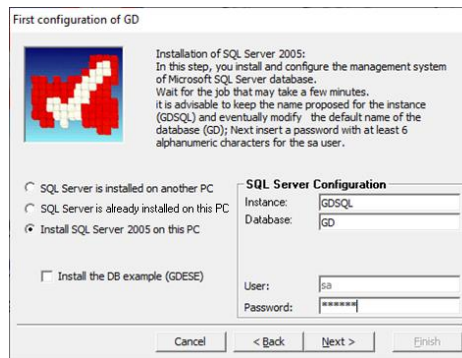


Install Microsoft Active Sync if you use the USB connection for PDAs. If you use connections via local network, do not install anything and remove the check to "PC used for transfers via serial or USB to the terminals"

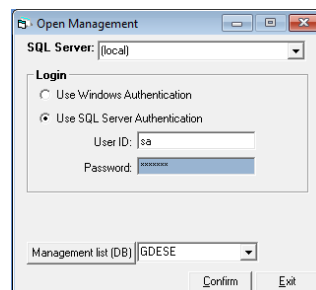
Installation and access to the Microsoft SQL Server

Installation of the Server PC with SQL Server

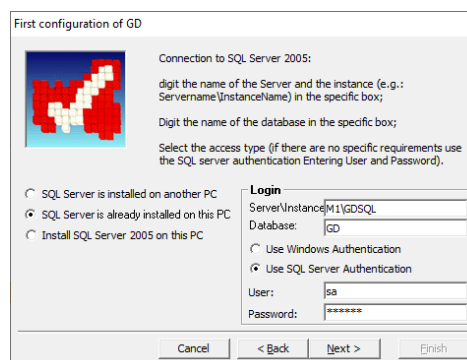
When installing SQL Server, the Initial Configuration Wizard of GDSQL requires the password for the user "sa" which must be memorized with care and which is necessary to subsequently access the archives from the Apri management. Each Microsoft SQL Server is characterized and identified by the name of the PC itself, the straight bar and the instance name, which for GD is preset as GDSQL. So if the PC where the SQL server is running is called M1, at the end of the installation the SQL Server will be identified by M1 GDSQL.



This "sa" user is used by GDSQL to access the server: as an example, it follows the Management screen ...

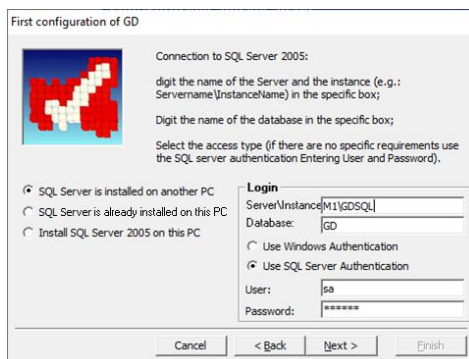


If SQL Server was previously installed on the PC, GD will use it by choosing the middle option



Installing GDSQL on a client PC

When the GD configuration wizard is run on a client PC it is necessary to indicate in the wizard the SQL Server you want to connect to. Then returning to the previous example M1 GDSQL



First configuration of GD

Connection to SQL Server 2005:
 digit the name of the Server and the instance (e.g.:
 Servername\InstanceName) in the specific box;
 Digit the name of the database in the specific box;
 Select the access type (if there are no specific requirements use
 the SQL server authentication Entering User and Password).

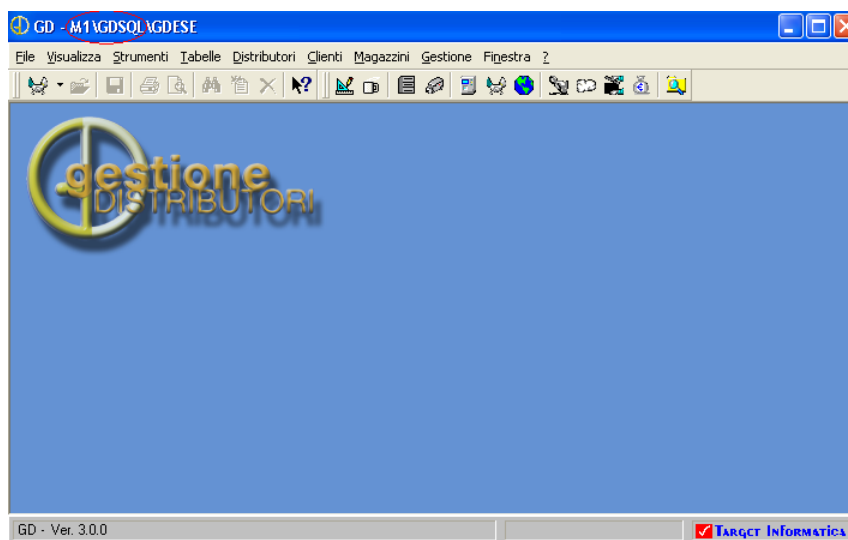
☒ SQL Server is installed on another PC
☐ SQL Server is already installed on this PC
☐ Install SQL Server 2005 on this PC

Login
 Server\Instance: M1\GDSQL
 Database: GD
☐ Use Windows Authentication
☒ Use SQL Server Authentication
 User: sa
 Password: *****

Cancel < Back Next > Finish

PC name Server and instance name can be considered as the equivalent of the route where the archives were located, therefore this information is reported in the program title bar.

SQL Server also has a Windows authentication mode, which however requires a thorough knowledge and presence on the network of a Windows 2000 Server or Windows 2003 Server. In the absence of special needs or specific knowledge, it is recommended to use SQL Server authentication.



Further details on the above and on how to work with different managements if necessary can be found in the GD manual which is installed with the GD SQL product in the chapter *Management Logic*.

Configuration wizards

When starting the program for the first time, the basic configuration wizard is displayed, which allows, by entering some minimum data, to preset many of the basic GD tables according to one's wishes.

At the end of the basic procedure you can also perform the advanced configuration procedure that allows you to complete the first configuration of the program.

These procedures are also equipped with an Audio guide whose text is the one you read below.

Basic configuration wizard

Starting procedure

Welcome to the GD basic configuration wizard - dispenser management. For each activity that your company carries out in the automatic distribution, this procedure allows the insertion of machines, brands and models of dispensers. All data can be modified subsequently, but it is advisable to carefully complete all the configuration wizards, as they make starting the product in your company much easier. If you do not have much time available, we advise you to try only one type of dispenser, at least to become familiar with the product. The first screens are used to create the main settings and the models of dispensers, while the last phase involves the creation of the registries, both of the operators in the field and those in the office.

First of all check and complete the personal data of your company, and then press the Next button.

Good job.

Choice of the types of activities and the machines you use for each of them.

By clicking on the boxes on the left with the mouse, check the types of dispensers used in your company, indicating in the corresponding box on the right from one to three different brands for each. For example, if in the OCS sector your company works with both Lavazza and Illy machines and products, check the first box above and type 2 in the corresponding field of the brands.

If you use payment systems, tick the box below and then indicate the type of systems you use. The selected system is created in the archive and the data detection system most frequently used by the handheld or through the specific detection systems of each manufacturer is set.

If you check the box **Advanced price line configuration**, you can create and associate a specific meter to each payment system line (or at each selection on the vending machine) to obtain extremely detailed sales statistics. This often requires a reconfiguration of your payment systems or even of the dispenser depending on the situation and whether your dispensers communicate with Executive protocol, or Executive Price Holding, BDV or MDB.

If you do not check the Advanced price line configuration box, GD automatically manages sales statistics dividing them into coin sales and key sales for each price: this configuration is therefore recommended for anyone who does not have specific needs. Afterwards it is however possible to switch to the Advanced Configuration.

OCS dispensers

Type in the fields on the left the brand of dispensers you use, and in the right ones from one to three machine models for each brand. Finally, indicate for each brand if it is a pod or capsule machine. If you want you can indicate the type of pods / capsules choosing from the most used ones, and so later you will only have compatible products on the list. If the number of brands and models is not enough, you can repeat the brand in the next group of three or you will be able to re-run the whole wizard later, entering the other missing ones.

Semi-automatic

dispensers Type in the fields on the left the brand of dispensers you use and in the right ones from one to three machine models for each brand. For example, if you use the SAECO 7P Plus type SAECO on the left and 7P Plus on the right. Indicate for each brand if you sell only a single price counter or if, to customers who have these machines, you sell other soluble products separately, making them pay for the package. If the number of brands and models is not sufficient, you can repeat the brand in the next group of three or you can re-execute the whole wizard later by inserting the other missing

Traditional hot dispensers

Type in the fields on the left the brand of dispensers you use and in those right from one to three machine models for each brand. Indicate for each group of three models, if you sell all the products at the same price, if you have two prices, one for all sales in cash and one for all those with keys, or if you have different prices for the various drinks on the same machine. If the number of brands and models is not enough, you can repeat the brand in the next group of three or you can re-run the whole wizard later by entering the others.

Traditional cold dispensers

Enter in the left fields the brand of dispensers you use and in the right ones from one to three machine models for each brand. Indicate for group of three models if they are completely without meters, if they are equipped with a single meter and all the products are sold at the same price, or more frequently, if you have different prices for the various snacks / drinks on the same machine. Choosing the first option, the statistics will be carried out on the product loading data only, lacking the effective detection of the strokes: for this reason the machines configured in this way are called machines without counterpoints.

By choosing instead the third option at differentiated prices, it will be possible to create different meters per band and acquire the data from the payment systems, if properly configured.

If the number of brands and models is not enough, you can repeat the brand in the next group of three or you can re-run the whole wizard later by entering the others.

Water and Beverage dispensers

Type in the fields on the left the brand of dispensers you use for water and in the right ones from one to three machine models for each brand. If the number of brands and models is not enough, you can repeat the brand in the next group of three or you can re-run the whole wizard later by entering the others.

Payment systems

For each type of payment system chosen in the first phase, you can enter three brands and three models. If you have chosen all the options, you can enter three brands and three models for the coin mechanisms, three brands and three models for the key systems and the same for banknote readers. Finally, choose the coin counting machine, if you have one that can be connected to the PC.

Salesfor traditional hot water dispensers

(Only in Advanced price line configuration)

methodsBased on the previous choices, you will find automatically the sales methods used. Keep in mind that to have complete and reliable statistical data, for each different price on the same machine the beats must be recorded separately. For this in GD counters are defined which can then be associated, at each installation, to associate prices and detect beats. You can work in two ways, by clicking on Price or Letter.

The first (by clicking on Price) is to enter the price directly in the name of the meter and create as many meters for each possible price among all the dispensers of the heat of the management. In practice, a counter is created for each price between the minimum and the maximum price, then associating each dispenser with customers only the actual price meters charged to that customer.

The second (by clicking on Letter) provides for establishing how many prices exist at the same time on the same dispenser, then entering the different prices at the time of machine installation by the customer. To take an example, let's consider the larger machines, typically those with double express units and imagine that on one price you sell coffee 1, to another coffee 2, to one still the soluble with coffee 1, to another i soluble with coffee 2, and finally with a further price the other products (and maybe there is a further 'glass' price ... in practice they are 6 different prices. In this case you will create counters of six different bands identified by a letter of the alphabet from A to F, then entering the actual selling price in the different machines. This solution, by appropriately configuring the payment system, also has the advantage of being able to detect the bars by type of drink and not only based on the price

Definition of meters for hot dispensers

(Only in Advanced configuration of the price lines)

Enter the price next to each meter: if you have defined the counters with the price in the name, the same it will be inserted automatically both in the name and in the general price list. If, on the other hand, you have chosen the mode with a band letter in the counter, the price you type will be entered in the general price list, even if in this case it is not mandatory to do so.

Salesfor traditional cold dispensers

(Only in Advanced price line configuration)

methodsDepending on what you have previously chosen, the sales methods used will be automatically ticked. Keep in mind that to have complete and reliable statistical data, for each different price on the same machine the beats must be recorded separately. For this in GD

counters are defined which can then be associated, at each installation, to associate prices and detect beats. You can work in two ways. The first involves entering the price directly in the name of the meter and creating many meters for each possible price among all the dispensers of the cold in the management. In practice, a counter is created for each price, then associating each dispenser with customers only the price counters actually charged by that customer. For example you can create a counter every 50 cents of 0.50 cents to 2 euros, if these are the minimum and maximum price at which you sell the cold / snack products.

The second is to establish how many prices exist at the same time on the same dispenser, then inserting the various installation prices. For example, let us suppose that the larger showcase machines offer a price for basic snack foods and one for the more valuable ones, one for the basic savory ones and one for the finest ones, a price for candies and one for pretzels, in the end we will have 6 different prices on the same machine. To manage this situation, counters of six different bands will be created, identified by a letter of the alphabet from A to F, then the actual selling price will be entered in the different machines at the customers. This solution, by appropriately configuring the payment system, also has the advantage of being able to detect the beats by product type and not only based on the price

Definition of counters for cold dispensers

(Only in Advanced configuration of the price lines)

Enter the price next to each counter: if you have defined the counters with the price in the name, it will be automatically entered both in the name and in the general price list. If, on the other hand, you have chosen the mode with a band letter in the counter, the price you type will be entered in the general price list, even if in this case it is not mandatory to do so.

Creation of the operators

In this phase the operators that work in the management are inserted. For each of them a role can be indicated, the access or not to the PC with GD, a van with its license plate and the type of terminal provided.

In GD a zone is a grouping of locations.

In the Create zone column it is possible to indicate if you want to create a zone for the operator, called "Zone + the name of the operator", to which the locations of the operator's own competence can be associated.

In the "Create laps" column it is instead possible to specify if you want to create for the operator route patterns to organize visits to fixed stages: tours can be selected and created on a weekly basis (one per day of the week, which are repeated of week to week, apart of course calls and spot visits), or on a fortnightly, three-weekly or monthly basis.

Many more possibilities and combinations can be obtained by appropriately configuring the program at the end of the guided procedures.

It is also possible that GD, based on the history of previous deliveries, proposes itself the visits to be performed day by day in a given area.

Data summary

What you see is a summary of the data you entered in this wizard. Pressing End all this information will be stored in the archive. If you press cancel and exit the procedure, no data will be stored.

If you check the appropriate box, the guided procedure for the advanced configuration of GD will be automatically started.

Advanced configuration wizard

This procedure allows you to complete the work done in the basic configuration wizard.

By selecting each type of dispenser, it will be possible to complete the definition of brands and models, insert the suppliers and the relative products used.

Selecting the type of dispenser to be configured

Select the type of dispenser you wish to configure, by clicking on the corresponding button, and then press next. All subsequent choices will be relative to the type of dispensers chosen.

Verification and completion of makes and models

First of all specify the family in which the dispenser models created in the Basic Wizard, must be placed, choosing from those available.

It is therefore possible to add other brands and models. Keep in mind that those with the check mark at the beginning of the line will be those actually configured in the subsequent phases of the procedure. To insert a new model in a new line press Add. Then choose an existing brand or write a new one and press Enter and confirm the creation. The same thing can be done similarly on the model column.

All subsequent choices will be relative to the models selected in this phase.

Insertion of product suppliers related to the type of dispensers chosen.

Suppliers can be added by pressing Add and then entering all the data in the registry. Since in general the suppliers sell products for more types of dispensers, in this list there are all the suppliers, including those possibly already included in the archive.

Check in the Selection column, only the suppliers from whom you purchased the products used in the type of dispensers you are configuring.

Creation of the products used in the selected dispensers

This is the most important phase of the advanced procedure. Here we define which products will be sellable or loadable on the selected dispensers. For each, the unit of measurement, the number of theoretical beats, the VAT rate and the supplier chosen from those selected in the previous phase must be indicated.

Pressing Add shows a window that allows you to insert more products at a time, after having selected the type by pressing on the buttons; the creation of the products can be done by entering the data manually, or by selecting them from pre-made lists divided by producer that already contain the basic information. Even in this case, however, the name and main information of the products can still be modified.

For example, if you are configuring the Lavazza fap dispensers, to add the actual fap of coffee used, follow this procedure: Press Add and the Add products window appears. Choose the first COFFEE button and then choose LAVAZZA under the item producer / list: the available faps appear in the list: check all the ones of interest, modifying the measures if desired and adding the supplier and press Add. The selected products will appear in the main list and you can continue entering others. As for the entries created by hand, let's suppose we want to add a FAP of the from another producer not available in the list. Open the Add Products window ... press the THE button and select the first item in the list of manufacturers. An empty line will appear, with the line already checked. Enter the name of the new product and type Enter, confirming, then enter measures and supplier. When finished, press Add.

Definition of the standard load for the products created

In this phase it is possible, for all the defined products, to add a standard load to the daily routes of the operators. This allows, at the moment in which the daily journey of an operator is started, to have a rationalized and precompiled load list, which can however be modified. To enter the quantities in the laps, just select the ones that interest you and type in the expected product quantities. If there are different quantities for different laps or operators, the guided procedure can be repeated, modifying only the information relating to the load.

Working with GD

The ultimate goal of the approach that has been given to GD is to automate as much as possible the activity of the vending company, starting from the control of the dispenser park to that of the products and their suppliers, from the management of customers and installation sites up to the organization and therefore to the control of the loaders' activity.

All the information present in GD is easily customizable by means of tables and configuration files: the following are notes and an explanation of the operating logic that is necessary to know in learning the program, which, in addition to the contextual help system, is they set out to give guidelines on setting up and customizing GDs according to their needs.

As soon as the installation of the program is finished, if you have previously used Microsoft Windows and Microsoft Office, the first thing to do is to analyze the Toolbars and the application Menu Bar.

The Menu Bar

In GD the menus are arranged according to the specifications of standard Windows applications. So after the File and View menus (which mainly contain standard functions), the subsequent ones are ordered in a logical way (ie with order of use) from left to right. Here is a brief description of the GD menus:

File: It contains the standard functions (New, Open, Close, Print etc.), the functions to Open another Management (GD allows you to operate on different Managements that use completely separate archives and settings) or to create a management starting from the one currently open, resetting or not the data archives (Save management with name ...)

View: Allows to activate the toolbars and the status bar of the program.

Tools: It allows to use the installation wizard, the Terminals data integration, the Inventory recalculation.

Tables: It allows you to insert the basic GD tables and the main master data; (for the function of the different tables consult the operating Logics and the online help of the different tabs).

dispensers: Contains the cards of the dispensers and products used in GD. It allows you to set the different types of dispensers used by the operator.

Customers: It collects the functions related to the Customer file (personal data), to the Sites (places where the dispensers are physically installed) and to the Sales Lists.

Warehouses: cards for entering the registers of the warehouses, or any body that can contain products in GD.

Management: Main menu for daily operations. It contains the route setting items and all the functions related to the activity that the vending company performs every day (Preparation of routes, management of customer calls, loading and unloading of data from the terminals)

Window: Allows management of the windows displayed according to the standard Windows.

"?": Allows you to view the online help of GD, the contextual help, to directly access the site www.gdvending.it, to the site www.Targetinformatica.it and access information on GD.

Toolbars

There are two **Toolbars** that can be activated via the View menu.

The **Standard toolbar** contains the features that are applicable to the vast majority of tabs such as Open, New, Find, Clean etc. Pressing each button the command is applied to the currently active tab. The **GD Element Bar** allows you to access the most frequently used GD cards, such as the type of dispensers, Products, Customers etc. etc.

Pressing the right button of the mouse, when you are positioned on a bar, or by means of the menu item of the View menu, you get the box for configuring the bars themselves.

From the View menu it is also possible to activate the **Status Bar of GD**, on which the status of the operation in progress is displayed and during the transfer of the archives, to and from the terminals, the name of the file and the percentage transferred are displayed.

GD Element Bar

	Type of dispensers
	Products
	Deposit
	Vans
	dispensers
	Customers
	Customer Sites
	Customer Requests
	Route Structure
	Daily Routes
	Reload route data
	Payment data acquisition
	Review of measures and collections
	Coin count acquisition
	GD Explorer
	Direct delivery / sale

The on-line contextual help

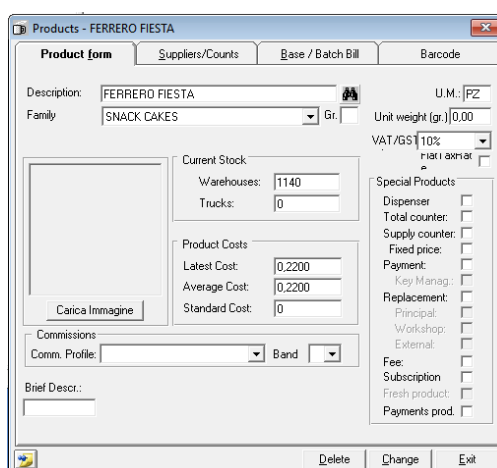
GD contains an online help on the various cards in general and on specific fields in particular. Pressing the F1 key, with the mouse pointer on the card (ie not positioned on an input field) or positioned on a field that does not need a specific explanation (on the Customer tab, for example, everyone knows what the VAT number is) , you get a help window on the board in general. Pressing F1 when you are positioned (with the mouse or with the cursor) on a relevant field or that allows searches or other extended functions, you get a help window related to the field itself.

The GD interface

GD is a powerful tool that has been designed and built to be easily used; all data entry forms work in the same way and data entry and consultation (depending on the type of information requested) is carried out in two ways: the **data sheet Suspended Folders** for entering records and tables (dispensers, managed products, customers), and the **Grid**, (with or without a detail sheet) for entering or viewing movements that can be displayed in an organized way according to need (stages of routes, warehouse movements, loading of the van).

Working with suspended folder cards

To understand how to operate, let's take the product entry form as an example. By opening the Products tab from the dispensers menu or by using the button  on the GD Elements Toolbar, the tab will be placed on the first folder, the main one.



To insert a new product, just type in the description, the unit of measurement, the VAT rate and choose the family to which it belongs. Not all the information on the cards must be entered: the program at the time of registration checks that the indispensable ones are present and reports any deficiencies.

All the buttons and folders that contain an underlined character in the description are accessible with the mouse by clicking once with the left button, or by pressing the ALT key together with the underlined character. To add the product you are entering, press ALT + A which is equivalent to pressing the Add button.

To move between the different fields it is possible to use the TAB key (the one with two opposite arrows positioned at the far left of the keyboard above the capital lock key) to advance, or SHIFT + TAB (press the SHIFT which is the key with the up arrow present both on the right and on the left that allows you to enter single characters in uppercase and at the same time the TAB) to go back. The information that can be entered by typing is highlighted (generally in blue, according to the system settings).

Access to the other folders (Suppliers, Bill of Materials) is possible only after having recorded the information present in the first one, which contains the fundamental data of the product. However, if the necessary information has been completed, registration is carried out, subject to confirmation, directly by the program.

To search for a product, simply type the first characters in the first text field (which is the key information to identify it) and type ENTER. Alternatively, you can press the search button  in the

tab or in the Toolbar: one of the previously entered products or a list of products to choose from, whose data can be changed and that can be registered by pressing the Edit button or deleted by pressing the Cancel button.

To return the card to its initial state, press the button  **Clean active tab**, or the key **CTRL** (present at the extreme sides of the last row of keys) together with the key **HOME** (which is the one located above the end key in the key block containing INS, DEL, page Up and Page Down).

Data entry takes place by means of fields (spaces reserved for insertion) of substantially three types:

- the Text field allows entering information by typing it;
- the Combined Box field allows you to choose from a list of pre-entered items: (the product's family belongs to the product family table);
- the text field next to the button allows you to choose from a list of items pre-entered via the corresponding table (see the Customer's choice in the Customer site master data). The search is done by typing the first letters and pressing ENTER or the button next to  Find.

Some fields have the ability to perform different searches by typing the characters as the first character @, #, *, \$. By calling up the contextual help when you are positioned on the field in question these further possibilities are explained in detail. (See the dispenser selection starting from the customer's site in the dispensers tab of the warehouses menu).

Reload button

Data In the main data sheets it is possible with the button  (or by pressing the CTRL + SHIFT + ENTER keys when the card is clean and the Reload button is visible) reload the data that has just been registered through the Register button on the card itself ; this allows to speed up the work in the case of more complex configurations. The button is visible only when the function is usable (ie at least one registry file of the same type has been registered and the form is clean).

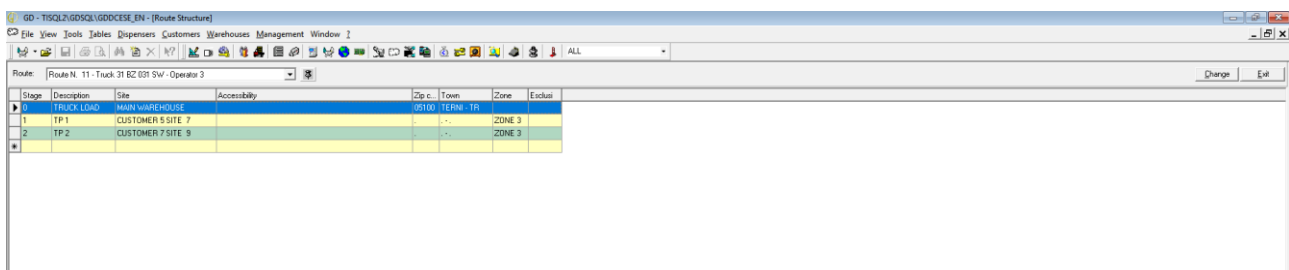
Related data scrolling button

With the button with the icon  located at the bottom left of the customer site and dispenser registry, it is possible to scroll quickly between the sites and dispensers of the same customer without recalling them one by one.

Working with grid cards

Where it is necessary to consult more information records, ie not the single product card but the set of steps that make up a route, the view adopted is that of a **grid** (or list) that contains in each line all or a significant part of the information. To understand the operating mode of this type of card we take a function of the program that uses it.

Open the menu item Structure route from the Management menu / Types of Routes



Stage	Description	Site	Accessibility	Zip c.	Town	Zone	Exclus
0	TRUCK LOGO	WHY WAREHOUSE		05100	TERME - TR	ZONE 3	
1	TP 1	CUSTOMER 5 SITE 7				ZONE 3	
2	TP 2	CUSTOMER 7 SITE 9				ZONE 3	

The window is divided into two areas: the upper part contains the criteria for selecting the data to be displayed (in our case the type of route is chosen); the lower one, once the choice is confirmed by pressing the Open button, contains a grid with a leg of the route for each line; the information displayed is the main information (Stage Number, Description, Site to be visited, any news on accessibility). You can use the mouse or keyboard to move around the grid.

At the top of the screen there are two buttons: the button **Edit** and the **Exit** button. Depending on the cards we can also find others. If you position yourself on the last row of the grid (empty) the "Edit" button becomes "New" and by pressing it you can get the detail sheet for the input (in this case) of a new stage. On the contrary, pressing Edit when you are positioned on an existing line, the detail tab is opened with the information of the selected stage. Within the detailed sheet the operation is identical to that of the suspended file cards already analyzed. The functionality of the New key, where applicable, can be obtained by pressing the ALT + INS keys.

Pressing the Clean active card button or the CTRL + HOME keys returns the card to its initial position, so you can choose another route and press Open. The aforementioned functions can also be accessed via the Pop Up menu that appears when the right mouse button is clicked on the grid.

Searching for any text by pressing the F3 key

For the groupable grids, the possibility of compacting / expanding the groups

- by pressing the CTRL key together with the + key the groups expand
- by pressing the CTRL key together with the key - the groups are compacted

Obviously this information can be slightly changed or integrated (specific features of the form) whose explanation can be found in the contextual help.

Links are available between the various folders with suspended tabs that allow access to the registries connected to the one currently open. A typical case is to move from customers to customer sites to dispensers and vice versa without performing separate searches on the individual cards. These links are easily identifiable because they are highlighted in blue, as in internet browsers according to the standards provided by Microsoft. Another typical case is that of the table of the type of dispensers that can be opened through the appropriate link [Type Dist.](#) present in the dispenser card, with the type of interest already preloaded. In some cases, all the content of a grid works as a link: for example, in the customer site from the list of dispensers, you can double-click to open the dispenser directly.

List of alternative searches

A summary of the list of all the follows *Alternative Searches* available in the three main personal data sheets:

It is now possible to search for a customer, a site or a dispenser directly from the respective accounting code. The search is done through the character "Ç" (without the quotation marks) that corresponds to the key of the ò keeping the SHIFT pressed.

Then typing in the field Company Name of the Customer 1234 will be searched and loaded the customer who has 1234 as accounting code. The same applies to the customer site (typing 'Ç' + accounting code of the customer site) and the dispenser (typing 'Ç' + accounting dispenser Code)

Personal data	Field	Character	Example	Search

Customers	Rag. Soc.	Ç	Ç123	Find the customer with accounting code 123
Customers	Rag. Soc.	@	@ 123	Find the customer whose contract number is no. 123
customers	Fidelitycard	+	+ A123	Find the customer with the loyalty card A123
Customers	VAT number	\$	\$ 00664210556	Find the customer with VAT number 00664210556
Customers	Tax Code	§	§00664210556	Find the customer with Tax Code 00664210556
Customers	Rag. Soc.	^	^	List the customers Inactive
Sites customers	Description	Ç	C123	Find the customer site with accounting code 123
sites customers	Description	@	@ * ROME *	Find all the sites customer that are in Rome or in ROME
Sites customers	Description	#	# 06123	Find the Customer Site that has the phone number 06123....
Customer sites	Description	§	§ * MARIO	Find all the Customer Sites that have MARIO as a reference person
Customer sites	Description	^		List theCustomer Sites
dispensers	Identifier	Ç	InactiveÇ123	Find dispenser with accounting code 123
dispensers	Identifier	@	@ROSSI	Show all customer dispensers ROSSI
dispensers	Identifier	#	#ASTRO	Show all dispensers ASTRO
dispensers	Identifier	\$	\$ COG123	Find the dispenser that has the code ECG1 COG123
dispensers	Identification	§	§123	Find the dispenser whose serial number is the cod. §123
dispensers	Identifier	+	+123	Find battery dispensers 123
dispensers	Identifier	£	£ 335123....	Find the dispenser with telemetry and GSM number 335123....
dispensers	Identifier	^		List inactive dispensers

- 1) Where the asterisk appears in the field, the search is within the desired field. If you search for the surname BIANCHI * in the Rag. The social program lists both BIANCHI and BIANCHINI customers. The same is true in advanced searches, so £ 335 lists all dispensers that have telemetry starting with n. 335
- 2) If you manage point of sale management, additional characters are also available to find a site or dispenser from the point of sale with the "!" or by the operator "&" or finally by the technician "?"
- 3) Customer / Site searches from the address (with @) and phone number (with #) are also available on the Customer Requests screen.

- 4) The tax code / VAT number search in the customer sheet is available from the 6.4D version
- 5) . Customer site by address (@) and phone (#) as well as in the Customer Sites screen is present in the Direct Sales / Delivery

Special function keys in the data grids

From some versions we are providing for the implementation of new key combinations to make it easier s use of the grids in GD / GDAdmin. In particular, the new functions are related to the data management grids to the AdE, but some functions are already available elsewhere and in any case will be extended soon.

In particular, the following grids are available:

- The search for any text by pressing the F3 key

For the groupable grids, the possibility to compact / expand the groups

- by pressing the CTRL key together with the + key the groups expand
- by pressing the CTRL key together with the button - the groups are compacted

Loading the data

The following paragraphs contain an explanation of the logic of operation and the automatisms present in GD, and are intended to provide indications to the operator who is preparing to enter the information of his activity in the program. The level of detail of all the information recorded in the program can be set by the vending company according to his needs and the type of control he wants to carry out. For example GD allows to manage the warehouse according to the fiscal logic of the products with the handling by quality, brand and supplier, or to specify only for absurd consumer products (coffee, milk) ignoring the settings related to the supplies and the composition of the same . Always by way of example it is good to consider that all the machines can be grouped into two / three types, or alternatively manage each type of dispenser based on the brand, the model and the manageable products (including the maximum product quantities that can be loaded into each machine).

Operators can work with routes on a recursive basis by zones or according to the route structure (thus obtaining for each day the stages that the operator should carry out), or simply on call (intervene when requested by the customer).

Operational logic

GD allows managing the dispensers, products, warehouses and activities of the operators so as to allow the vending company, once the program has been correctly set up, to carry out daily activities in a simple and complete manner, keeping all the controls constantly under control. data.

The most correct operating sequence is to find the information and then enter the data relating to the various tabs contained in the Tables menu (some of which are preloaded for ease of use).

Primary importance to start with are the tables relating to Tax Document Records, the Operator Data and therefore the Payment Systems used on the machines.

Then insert the Products organized in Families and the Types of dispensers, which represent the types of machines used in management.

Then continue with the customer master data and the related additional sites by setting price lists and zones of belonging.

At this point it is necessary to insert the deposit or the depots, the vans with the relative operators, the dispensers, or the machines installed at the customers.

The types of routes and relative stages represent the last step to be taken in setting the main parameters.

Data entry

After reading this Guide and browsing the various tabs by consulting the contextual help, you need to start entering data.

The recommended approach is not to focus on the complete loading of a given type of information and then move on to the next, but to analyze some typical cases (by customer type, installation type, type of products or machines) and enter all the information from the indispensable items in the different tables until the creation of the daily route and the subsequent reacquisition. This approach allows you to evaluate what information to record in the program and especially the level of detail you want to set in your management, without having to change the contents of the cards many times.

Primary data

Many of the main tables are loaded by the Basic and Advanced Configuration procedures.

Obviously these data can always be modified at will.

First of all it is important to enter the primary data of the management by opening the General Settings tab in the Tools menu of GD Admin. It is not necessary to immediately understand the meaning of all the options present, however a good understanding of them can be useful in the continuation of the work to adapt the program to one's way of working.

Secondly, it is useful to check the contents of the preloaded tables: the data contained inside can be modified at any time, so in this phase it is advisable to intervene only on information that is not present and which is deemed indispensable.

This category includes Standard Actions, Reasons for Rejection, Reason for Movement, Tax Registers, VAT Codes, Cost Families, dispensers Brand, dispenser Families, dispenser Accessories, Customer Categories, Payment Methods, Special Warehouses.

At this point enter the registry of the operators, that of the vans, and information on the main management deposit.

As for the suppliers, it is not necessary to load them all immediately, but it is important to have registered some of them to check the movement of the products in the warehouse as well as the registration of the purchases.

At this point it is important to focus one's attention on either the pod or the traditional machines. This can be useful in order not to lose efforts initially by concentrating on the input of little information.

It may therefore be useful to check and customize the products and product families, specifying the trusted supplier (s) for some of them. For pod machines it is advisable to load some consumer products and build a test kit.

At this point it is preferable to switch to the registration of some typical installations (customer / Site / Machine), perhaps starting with customers who have pod machines (which do not generally present problems relating to payments and supplies)

Use and function of the tables

In GD la Most recurring information is stored in tables. This allows you to enter unique information and quickly select items that would be long to type. Moreover this allows a remarkable operation on the terminals where the information typing would be extremely complex and in the final analysis would not be carried out except for the inevitable ones. The items inserted in the table can be chosen from the tabs by means of searches or in the Combined Boxes. In addition, the tables make it possible to perform reliable data searches and statistics since the registration of the entries does not depend on the duty operator, but is preset by the vending company when the program is started.

GD Explorer and GD MiniExplorer

In a similar way to the Windows Explorer (Resource Management), it graphically displays the information entered in the database. It allows the display of Clients, route Types and Effective routes quickly, representing the data structure on the right side of the window and the related detail on the left. It allows to find, consult and eventually modify quickly the cards of customers, sites and dispensers. The selection of the visualization takes place through the three buttons to the left of the toolbar. As for the daily routes, it is necessary to specify the date of interest. For each element, a right-click menu contains a contextual menu that allows you to open the details of the properties (its personal data sheet), or to have a list or a summary of the relative product / bar movements.

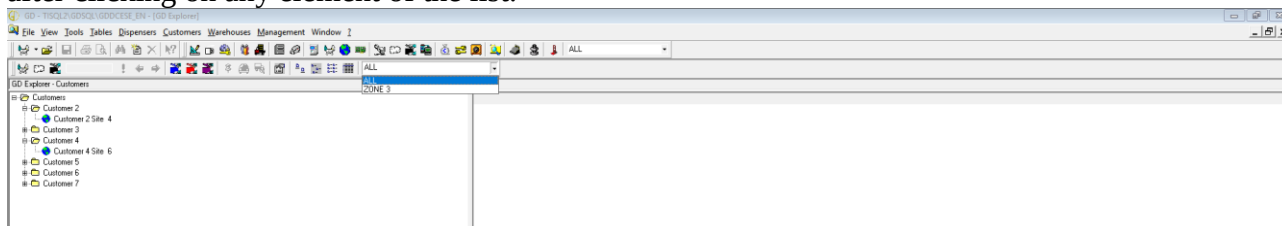
Customer / customer sites and dispensers

This mode allows you to view the installations on file. The tree on the left contains the structure of the records with the customer represented by a folder and inside the related customer sites; the list on the right instead contains the list of sites (if a customer is selected) or that of the dispensers if a site is selected on the left.

The clients / sites displayed can normally be all active ones, but it is also possible to view the inactive ones by clicking on the appropriate check mark.

Through the Filter bar it is possible to display only dispensers belonging to the specified payment calculation method; in addition, an additional optional filter is also available on the lists displayed, which acts by showing only the customer sites belonging to a specific customer zone (drop down menu on the right). By choosing a specific area, only the sites in the area in question are displayed and consequently also the respective customers. It follows that if a customer contains two sites belonging to different zones, setting any of the zones, the customer and the only site of the filtered area will be displayed. Obviously, choosing a different third zone will not even show the customer.

From this version it is possible to search the GDEXplorer tree by pressing the F3 or CTRL + F keys after clicking on any element of the list.



Types of Routes

In the Types of routes view all route types in archive are shown with the sites that are part of each. Clicking on the site on the right lists all the dispensers of the site which will then be those that can be visited on the route.

Daily routes

In this mode the daily routes for the set date are displayed, or the open routes or those started. For each route the stages (sites) are displayed, and for each stage the dispensers are displayed on the right. In the case of closed and therefore reloaded routes, the dispensers shown are only those actually served in the route. In this mode there are additional buttons in the explorer bar that allow specific operations:



These buttons allow you to move back and forth between routes



These buttons allow you to view the Open (red) and Start (blue) routes



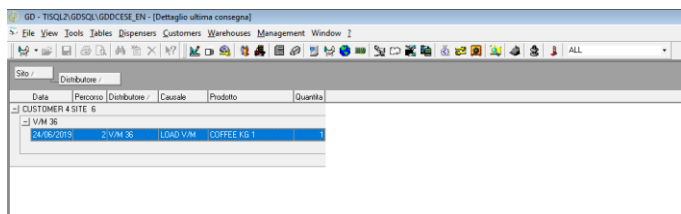
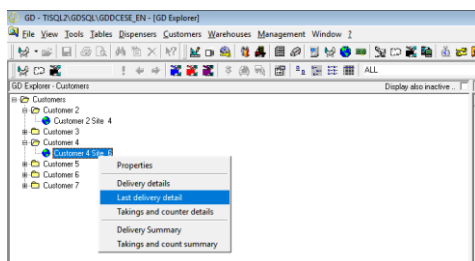
These buttons allow you to see the routes on the GDMAP map and to download the data from the GDTracks.

Detail and summary of deliveries and receipts.

Clicking with the right mouse button on the elements of the Explorer, both in the tree on the left and in the list on the right, it is possible to access reports of information of rapid access, without further filters or parameters to indicate, which quickly summarize details of deliveries and receipts and jokes and summary deliveries and receipts and jokes.

Visualization from the GDEXplorer of the last delivery per customer / site

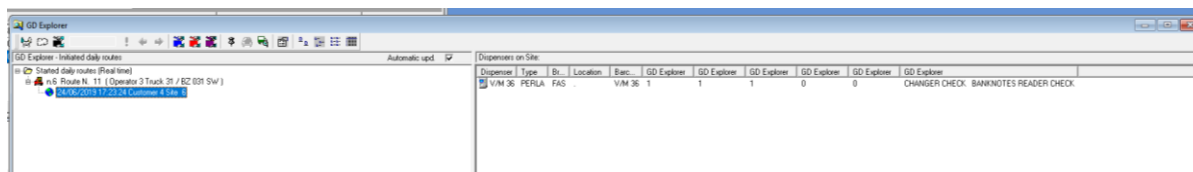
In addition to the above, GDEXplorer in visualization of the Customers / Sites Client allows you to view (and print directly) the detail of the last delivery made to the customer, or to the site, grouped by d / to but with the possibility of making orders / groupings at will according to need. To access the function, simply click with the right mouse button on the customer (or on the customer site) and choose the item Detail last delivery.



Visualization of Real Time Routes with GDMessenger (GDWebEx)

Taking advantage of the new features of GDMessenger contained in the GDWebEx module, and the obligatory internet data channel due to the transmission of data to the AdE, from this version it is possible to begin to follow the activity of the loaders as it develops in the working day. A special

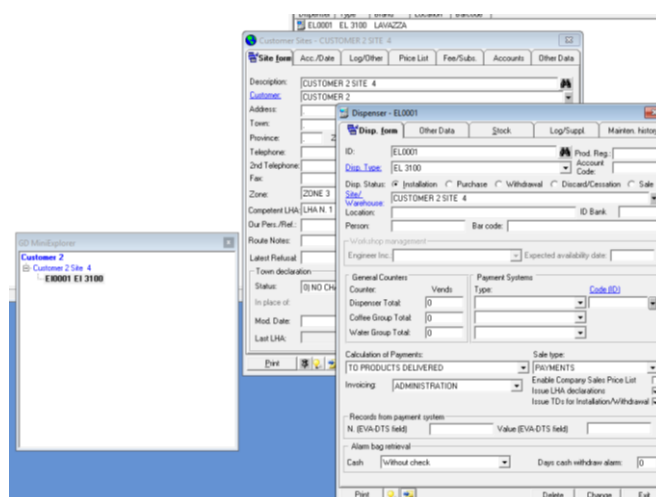
paragraph at the end of this bulletin explains how to configure the service and the terminals and what information can be displayed in real time, even without sending and reloading a daily route. The point of information display is the GD Explorer, which has been equipped with a new visualization of the routes started (ciak icon in magenta), which shows the information coming from the terminals as the operator opens and closes id / a with barcode. Further functions and possibilities are being studied or being developed. A message sent to a PDA or PC is picked up and deleted when it is shown to its recipient by the PC or terminal.



GD MiniExplorer

This is a special window that synchronizes automatically with the displayed registry; thanks to it, it is possible to immediately get an idea of the customer on which you are working by displaying sites and dispensers in a hierarchical and compact manner.

The window, called **GD MiniExplorer**, can be activated via the appropriate green icon at the bottom of the status bar or alternatively by a specific item in the View menu. In practice it is a display similar to that of the GD Explorer, always present in the product, but limited to a single customer.



As soon as you open a customer / site / dispenser registry, GD MiniExplorer shows, starting from the Customer or Site or dispenser database loaded in the active window, the entire structure of the current customer, highlighting the currently open and active registry in bold.

Moreover from the GD MiniExplorer with a double click on any item, it is possible to open the registry you want and automatically switch to a different customer / site / dispenser.

Tra l'altro se si pulisce la scheda corrente, nel GD MiniExplorer rimane attivo l'ultimo cliente visualizzato, e questo permette di ricaricare, senza effettuare una nuova ricerca, il cliente/sito/dispensere appena salvato.

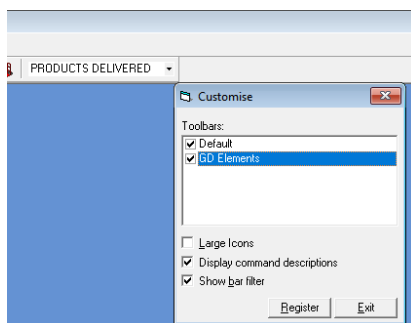
BarFilter

Il filtro barFilter (attivabile tramite la barra di GD) permette di filtrare solo determinati clienti/siti/dispenseri in base al tipo di corrispettivi dei dispenseri). Esso agisce anche su GD Explorer

visualizzando solo i dispenser di tipo selezionato in qualsiasi lista dei dispenser e nei report relativi al dettaglio o al riepilogo delle consegne.

Tenere presente che le anagrafiche dei clienti che non hanno neanche un sito associato o quelle dei siti che non hanno dispenser, se si imposta un filtro qualsiasi sul tipo di corrispettivi del dispensare non vengono visualizzati.

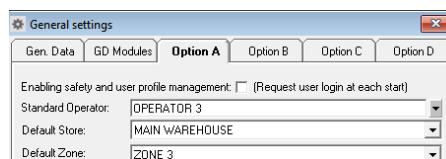
I report relativi a battute/incassi non vengono influenzati dal filtro



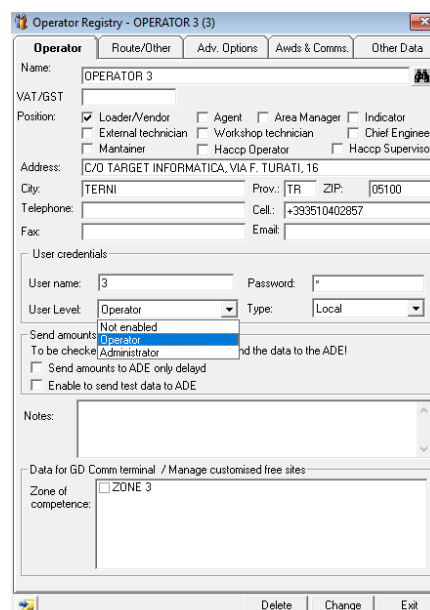
Logic of user profiles

Both in GD and in GD Admin it is possible to create user profiles to access the GD and GD Admin products and to the various additional modules, or to disable access to the various functions at the level of each menu item. You can create an unlimited number of user profiles and associate each user profile with one or more operators.

If on Options A of the General Settings of GD Admin the item is not checked **Enable Security and management of user profiles**, it is possible to protect only some particularly sensitive work areas such as the analysis in GD Admin or the Data Synchronization Edit in GD by entering a different password for each of them., Settable from the Area and security password management section, accessible in the General Data folder of the general Settings of GD Admin.



If the item is enabled **Enable security and management of user profiles**, each operator, to access GD or GD Admin, must identify himself and type in his password, which must be entered in the Operator data table, in the User credential section.



Each operator can belong to one of the three possible user levels:

- The level **Not Enabled** where the operator cannot access GD / GD Admin
- The level **Operator** in which the operator can login to the program and its access to the functions is defined based on the user profile.
- The level **Manager** where the operator can access any function and define / assign the profiles of other users.

If the item **Enable security and management of user profiles** is not enabled, user profiles cannot be defined or used. For this reason, the activation of security has been limited only to operators of level **Manager**. Similarly, only the latter can be used to manage profiles and change an operator's level.

An operator **Manager** can define an unlimited number of user profiles, which in practice activate and deactivate each individual menu item, both in GD and in GD Admin; each profile can be activated on one or more operators.

In the configuration of user profile management there are some predefined and non-editable profiles. They can be used as they are (associating them with operators) or copied so as to represent the basis for the definition of further customized profiles; if you want to customize the individual features in detail, it is advisable to copy the COMPLETE ACCESS profile by creating a profile for each operator and selectively disabling everything you want the operator to not access.

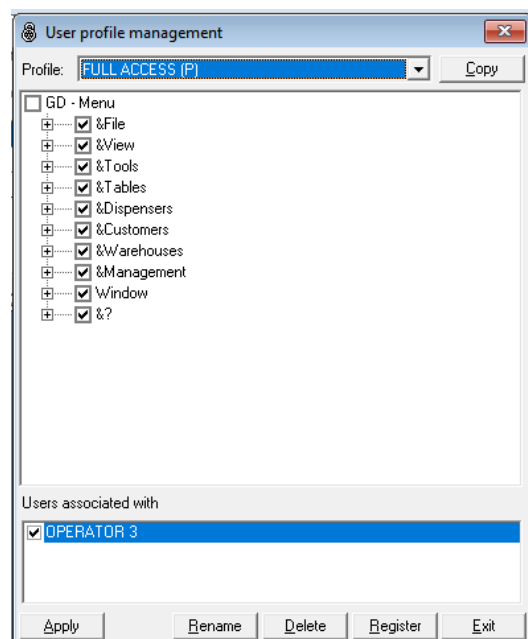
Both GD and GD Admin by default assign all operators the COMPLETE ACCESS profile which is neither editable nor renamable.

For security reasons, the user profile associated with each operator is displayed in the operator data sheet, but can only be changed in the User profile management by the Operator operator.

The management of user profiles can be set both in GD and in GD Admin: the menu items that can be activated must be set in the profile management of the application you are using, or since the same profile provides access to some GD entries and to others in GD Admin, the profile can be created (or copied from an existing one) both while in GD and GD Admin, but the setting of the active entries in GD must be done by GD while that of the active entries in GD Admin it must be done by GD Admin.

The menu item **Manage user profiles** through which these user profiles are set is available only for Operator level operators and is available in the Tools menu of GD and GD Admin.

In the special window **User Profile Management**, choosing a profile, a structure similar to the GDEplorer is loaded in which the GD menus (when in GD) or GD Admin (when in GD Admin) are shown.



If a box is activated / deactivated, the corresponding menu item and any sub-items are activated / deactivated. If a sub-item is activated, the top-level menu items are activated to make it accessible. For example, if you want to make the Recalculate Inventory item available in GD, obviously the Tools menu that contains it must necessarily be active.

After activating or deactivating all the items of interest for the current profile, in the list of operator users, those to which the newly defined profile is to be applied must be ticked.

The button **Copy** allows you to copy an existing profile by giving it a new name.

The button **Rename** allows you to rename an existing profile (with the exception of COMPLETE ACCESS).

The button **Apply** activates the current profile (until the profile changes or exits User Profile Management) in order to make the operator visible as it will be the user's work environment with the profile set and check if something has been removed or left too much. The menus actually available are thus immediately accessible without having to exit and re-enter the program.

The button **Register** stores any changes to the profile and associates it with users (operator master data) checked in the list.

The button **Clear** deletes the current profile. If you delete a profile or deactivate an operator from a profile, it is automatically associated with the predefined profile COMPLETE ACCESS until it is associated with a different profile.

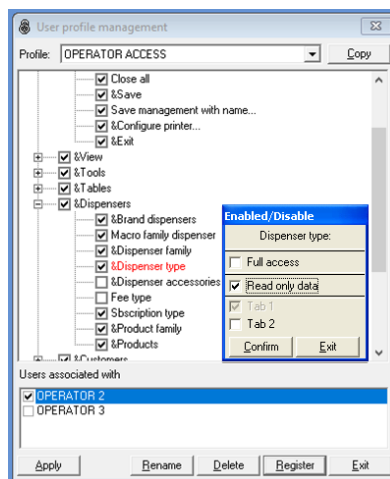
It is also possible to add a control to all GD windows relating to the insertion of tables / registries and management functions.

For each profile it is possible to define:

- the partial display of the information, by activating / deactivating the individual folders within each single window (obviously the first folder generally called the card containing the minimum information will always be active)
- the possibility, regardless of the folders displayed, to render the information on each card read-only and therefore not modifiable.

This type of settings can be activated to your liking even on individual masks, leaving the others unchanged: in practice, just to give an example, it is possible to make a certain profile consult the customer site card, but is not able to know the detail of the accounting situation or that of any cannon / season tickets, or perhaps make the price list invisible.

To configure both the visible folders and the limitation in the modification / insertion of the information, it is sufficient to click with the right mouse button on the menu item use to recall the single mask inside the window for managing user profiles.



As shown in the figure, an Enable window will appear, allowing you to activate the read-only mode and to select / deselect the tabs. In the example in the figure the Card 6 has been deactivated (which in the site mask corresponds to the detail of the accounting situation, therefore the user to whom the profile is applied will not be able to access that information. Note that for convenience in the tree in the profile management window, the applied configuration can be displayed (in the case in question, only the accessible tabs are highlighted.) Obviously, by activating full access from the authorizations window, the mask will again be completely accessible, as well as obviously disabling the box the whole menu item will not be accessible and therefore the corresponding mask will not be the same:

Operation

1. For each operator, in the operator data table, set the User Level and the Password, knowing that:
 - with the level **Not Enabled** the operator cannot access GD / GD Admin
 - with level **Operator** the operator can login to the program and its access to the functions is defined based on the user profile.
 - with the level **Manager** the operator can access any function and define / assign the profiles of other users.
2. The Operator User Level **Operator**, will be able to access GD and GD Admin to define the User Profiles of the Operators, by selecting on the Tools menu the item User Profile Management
3. On User Profile Management, copy the profile COMPLETE ACCESS (P), entering the desired name of the new profile
4. Select the new profile, enable the menu items related to the profile being created
5. Select the operators to which you want to enable the profile
6. Apply, to apply and verify the assignment profile
7. Give Register to record the user profile assignment

Products and product families

In GD all the products handled must be registered in the relative Products tab. Each product can be included in a specific product family. Each product family, which is also defined by the user, is intended as a grouping of homogeneous products that can be managed by the same type of machine. The detail level of product families and products can be customized according to the user's needs. If the management uses only small pod machines, it will have a fairly small range of products, so it could enter the different product sheets and define a single family to group all the pods. In the case of traditional management the products could be many more and therefore it could be useful to define more families.

It is very important to establish the level of detail that is desired in the management of the products, since GD allows the management of products, even non-primary (pallets, glasses, etc.) as well as primary products (coffee).

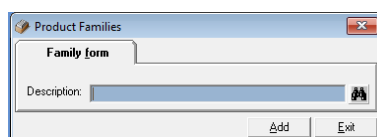
For each product it is possible to identify more suppliers by monitoring the purchase cost for each of them, but this obviously presupposes the fact that the warehouse is loaded correctly and that the information is complete. Precisely because certain information may not be considered primary for a given management, but rather in some cases prove to be too complex to manage, GD allows the most complete freedom in setting up the products.

In addition to the actual products, GD allows you to manage also some special products (which can be activated by activating the special box in the Special Products section), for example:

- Payment products, or all those tools that are used by users to pay for drinks (rechargeable and non-rechargeable keys, cards, tokens, etc.). They are considered to all intents and purposes real products, as they have a list price that the customer pays and then uses to pay for the drinks. (for further details see the logic of the payment product).
- The dispensing products, which represent the items that the customer finds on traditional machines and which can be associated with separate meters: a machine in which coffee, tea, sugar and milk are actually 'sells' the delivery of an espresso and / or a hot drink. For each dispensing product whose price is set in the price list associated with the customer's site, it is possible to have a separate counter (and therefore possibly a collection).

Family Products

Table **Family Products** accessible from the menu dispensers GD, allows you to manage lists of families of products. In addition to statistical purposes, the product family is used to identify a group of products managed by a machine and specified in the type of dispenser.



Description: Key field to search for product families. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

To *add* a product family, simply type its name in the Description field and press Add.

To *modify* or *consult* a product family, go to the Description field and call up the item of interest: press ENTER (or type the first letters of the description + ENTER) to choose the item of interest; typing * CAFFE you get all the product families that contain the text "CAFFE" in the description.

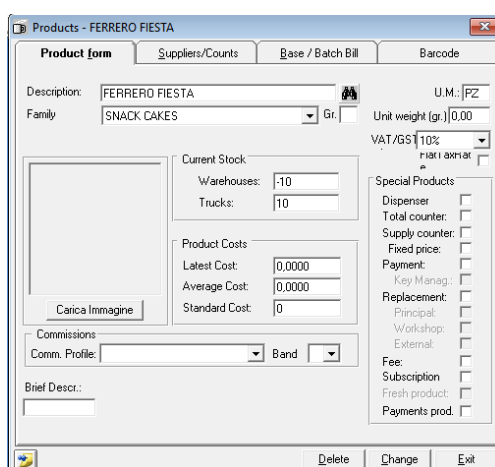
Press *Edit* to record the changes or CTRL + HOME to restore the initial state without recording.
Press *Clear* to delete the entry.

The Products

The table **Products** accessible from the menu dispensers GD, allows you to manage the database of products.

- The Card folder

Contains general product information



Description: Key field to search for products. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

To *add* a product simply type the name in the Description field and fill in the mandatory fields (Family, Unit of measurement, VAT rate) and press Add.

To *modify* or *consult* a product, go to the Description field and call up the item of interest: press ENTER (or type the first letters of the description + ENTER) to select the item of interest; typing *KIT you get all the products that contain the text "KIT" in the description. By typing, in the description field, @ + description of the product family you get the list of all the products assigned to that product family.

Press *Edit* to record the changes or CTRL + HOME to restore the initial state without recording.

Press *Clear* to delete the entry.

UM: Unit of measurement of the product

Family: Family to which the product

Aliq belongs. VAT: Product purchase rate

Gr.: By entering a letter or a number in the field *group*, this data is used to pre-order the products considering the description: if I write S in the group field in all the Snacks for example I will have all the snacks grouped and then subsequently sorted by description.

Product costs: **Product** costs. The last cost is related to the last purchase transaction. The average cost is the average of the cost for all purchases made. These values, including VAT, are automatically

updated from the registration of supplier invoices. The standard cost, which is the only one that must be entered by the user, is the value that is attributed to internal warehouse movements (neither purchases nor sales, but for example transformations).

Current stocks: Displays the total goods present in all warehouses and in all vans.

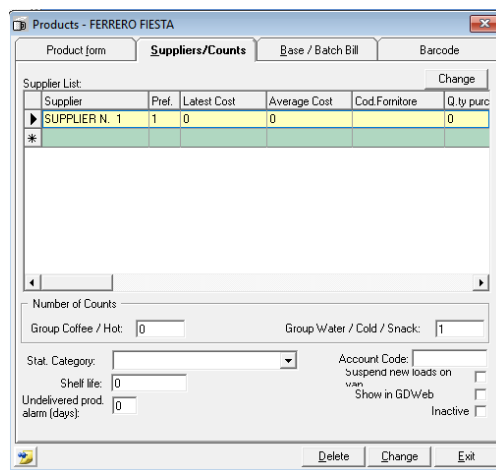
Special Products: Identify and discriminate certain products as special. In addition to the standard products, the following are managed:

- dispensers (intended as a salable product and therefore associated with a list price for customers who purchase the machines);
- Payment products, such as keys or cards (*Key Management:* Activate the management of codes and names for the payment product. It requires the activation of the option on the site where you want to manage the names);
- Dispensing products (used in machines with calculation of payments based on the products supplied);
- the Joke products that are preloaded in the archive and are used for those machines with calculation of the payments based on the jokes;
- Canone products (which allow the delivery and invoicing of a payment);
- Subscription products (which allow the delivery and billing of a subscription to other products);
- Fresh products (which allow a specific management for the order of sandwiches and similar).

Commissions: Field for assigning the commission profile to the product, possibly also choosing the commission band.

Short description: Field to insert the short description for the product, useful if in the analyzes I want to group the products by short description.

- The Suppliers / Counts folder



List of suppliers: Section in which to associate the product suppliers with the product.

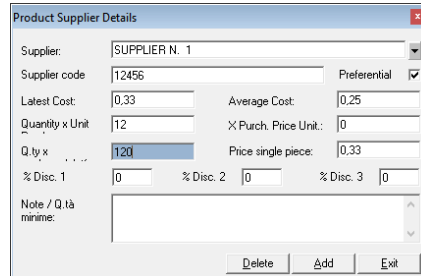
The indication of the supplier is decisive in order to register the entry of goods into the warehouse using the purchase from supplier function: when entering an invoice from a supplier, the list of products is established by referring to this information in the sheets of each product .

To *add* a supplier, go to the empty table row and press New (or double click) or from any position in the table press ALT + INS.

To *modify* or delete a supplier, go to the line of interest and press Edit or Cancel.

TheSheet **Product Supplier Detail** allows you to select the supplier and consult the final cost and average cost of the product (including VAT) at the given supplier, allowing you to make comparisons on purchases immediately.

To specify a supplier position in the field and press ENTER (or type the first letters of the description + ENTER) and choose the one that interests you.



Number: of Beats Indicate the number of theoretical beats generated by the product. This information is used both for the calculation of the theoretical beats in the analysis of GD Admin, and for all the summaries and summations where the products are displayed, whose quantities are generally expressed in bars.

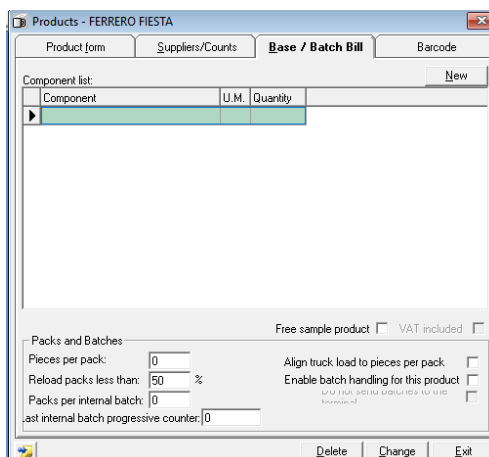
Inactive: When a product is rendered inactive

- it will no longer be available in the current GD management (it is no longer displayed in the products tab) and can be reactivated on Reactivate GD elements, accessible from the GD Admin Management menu
- the Inactive products will not be displayed in the standard loads of types and zones, in the price lists and in all the masks of manual handling of the products (if a product is rehabilitated it will return to being visible)
- the association with all the types in which the product is present as well as will not be canceled the association with individual dispensers in order to have no impact in the various analyzes
- a product cannot be made inactive if loaded on a van or on a deposit: in the event that the stock of that product on all the vans and warehouses must be reset
- a product can not be deactivated if inserted in one or more orders: in the case or cancel the order (if the request is not assigned) or dev I first deliver all orders.

Statistical category: it is possible to assign to the various products a statistical category that is used for the analyzes: **Anding of effective bars by sector** and **Income statement by sector**.

Accounting code: Field to enter the accounting code of the product.

- **The Base / Batch bill folder**



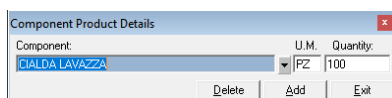
List of components: Contains the list of components (or products already registered) that make up the product in question. For example, a CONSUMPTION KIT will have in the bill of materials a list of the different products (which must have already been entered previously) that make it up and the quantities needed to make it. This section is used, as far as dispensing products are concerned, to indicate the composition of the supply, or the quantity of each basic product that makes up the supply; for the kits it is used to indicate the components of the kit.

To *add* a component product, go to the empty line and press new (or double click) or from any position in the table press ALT + INS.

To *modify* or delete a component product, go to the required line and press Modify or Cancel

Component Product Detail: Allows you to select the component product and indicate the required quantity.

To specify a component go to the Product field and press ENTER (or type the first letters of the description + ENTER) to choose the one that interests you.



Packaging and Lots

Pieces per package: Field to enter the number of pieces of the selected product that are used to make up an entire product

package. Refill packages less than: indicates the percentage for which the program will replenish a whole package.

Enable the loading of the van to the pieces per package: if enabled the load of the van is reintegrated according to the pieces per package. At the time of replenishing the standard load, the program decides whether or not to reinstate the load based on the quantity of pieces present in a box, without suggesting quantities that oblige them to "break" the boxes and add the boxes in order to get closer to the more possible at standard load.

This option, if set, allows, when the lap is recharged if there is a stock on the van and a standard load, that the quantity is reintegrated in unit of product but so as not to break the boxes. This determines that the van's stock will generally be different from the standard load, and reintegration will always take place "for whole packages".

The great advantage of this function is that, in addition to having a realistic and targeted load, it does not have to intervene on the load of the van, expanding the number of cases in which it is possible to use the automatic reloading of the route data, which at full speed significantly speeds up the daily operations .

Practical example: Let us assume that 1 pack of crackers is of 100 unit pieces. on the way the operator delivers 60. if the number of pieces per package is not specified everything happens as before: if the standard load of the new lap is 100 GD proposes the recharge of 40 pieces.

However, in reality this is not done because the crackers are loaded for practical reasons on the package van without breaking them, so manually those who reload the products must decide whether to add a package (going to 160 in our case) or leave things as they are remaining with the 60 pieces and evaluating them sufficient for the next round to be performed.

This evaluation is usually done manually based on the overcoming of half of a new package, or in our case if the van has less than 50% (less than or equal to 50 pieces) the load is done. If it has more than 50 pieces, the stock is left without integrations by returning the load to the next check.

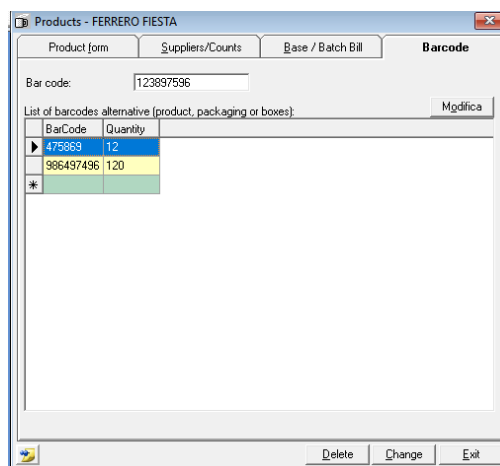
The new automatism always reintegrates a number of pieces equal to whole packs, and does so only if necessary, trying to get as close as possible to the expected standard load.

Complimentary product: the visa on the box identifies the product as a Tribute (see Product management Gift)

For the items: Enable Lot management for this product, Packaging by internal lot and Progressive counter for the last internal lot, see Logic of Lotto management.

- The Barcode folder

For each product it is possible to define a main barcode and one or more alternative barcodes (products, packages, packages).



In the detail tab of adding alternative barcodes it is also possible to specify a quantity associated with each barcode, to allow you to have a code for the single reference, one for the package and maybe even one for the package, indicating different quantities for each . In the case of codes with specified quantities, the software on the PDA, both in the delivered and in the inventory, asks if you want to deliver / record the quantity associated with the scanned code.

In practice, if in a product the main bar code and two alternative codes are defined (for example one with quantity 6 for the package and one with quantity 36 for the package, with the terminal it is possible:

- 1) to scan the main bar code of the product (typically the one on the single package): it has no associated quantities and therefore behaves as in the past by positioning the cursor on the line of the scanned product
- 2) scanning the bar code of the package which has quantity 6: the palm rests on the line and asks the operator if he wants to load the 6 pieces. By answering yes the terminal asks the operator if he wants

to confirm the 6 pieces and by answering yes the quantity is added except for checking the product availability and the other controls present on the line that remain unchanged.

3) scan the barcode of the box which has quantity 36 and which behaves as in the previous point but adding 36 pieces to the delivered (or inventoried) quantity.

The Products / dispensers and dispensers / Products prints from which it is possible to print barcodes provide for the possibility of printing alternative barcodes.

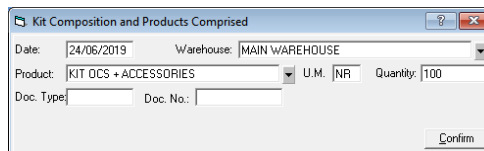
Kit Logic and Composite Products

GD allows you to create kits and product combinations at will. One of the problems that have been found in the analysis phase with the vending companies is that some products are purchased and resold in the form of kits, or sum of different products that are never treated as individual entities. However, very often it happens that the vending company buys loose products and creates combinations of customized products, or alternatively buy kits containing maybe products at convenient cost and sell the products individually. All these situations can be managed in GD by defining a kit product in the product sheet, which contains, in quantities set by the user, other products (which must obviously already have been registered). The "components" must be entered in the "Bill of Materials" folder of the kit product.

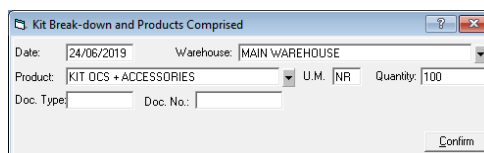
To carry out the "conversion" of the products or to create a kit starting from loose products (or vice versa) it is sufficient to select the item **Kit and compound products**, which can be accessed from the Management menu.

The Kit and compound products function allows complete kit management, ie complex products consisting of other products.

The kits, defined by means of the bill of materials in the product sheet, can be created starting from individually purchased and transformed products, by means of the function **kit composition**



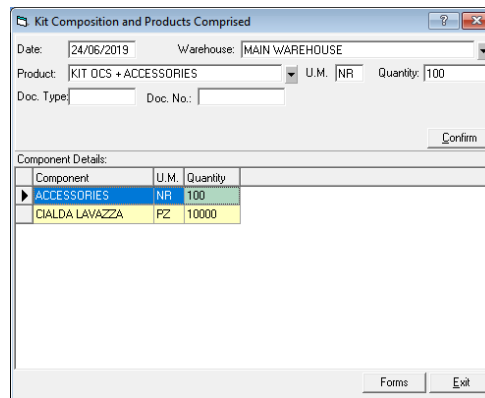
or they can be broken down into the respective original products to be able to sell them separately, by means of the function **kit decomposition**



You can choose the warehouse where you operate, the kit product and its quantity.

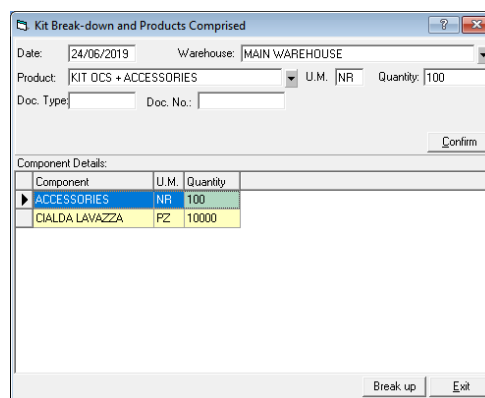
Pressing **Confirm** will display the list of the component products of the kit with the relative quantities.

Example of kit composition: choosing the kit-coffee product with quantity 1, and each kit is composed of 200 pods, 200 sachets of sugar etc., the kit product is loaded into the warehouse of 3 units, while the component products are discharged correspondingly (200 waffles, 200 sachets of sugar, etc.)



Component	U.M.	Quantity
ACCESSORIES	NR	100
CIALDA LAVAZZA	PZ	10000

Example of kit decomposition: For example, choosing the kit-coffee product with quantity 1 in the upper part, and each kit is composed of 200 pods, 200 sachets of sugar, etc., the kit product is downloaded by 1 units, while the component products are loaded correspondingly (200 pods, 200 sachets of sugar etc).



Component	U.M.	Quantity
ACCESSORIES	NR	100
CIALDA LAVAZZA	PZ	10000

The Components Detail section displays the list of component products and the relative quantities that the kit produces, which can be changed in the case of groups of products that comply with what is specified in the product sheet but with variations in quantity (non-standard kits) .

Product management Free gift

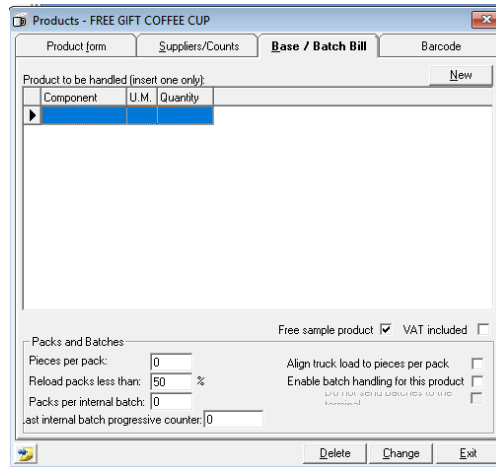
It is possible to manage gifts, that is to identify certain products as gifts and to ensure that their sale / billing is made by paying the customer the only tax according to the terms of the law.

In GD it is possible both to manage the free products as such (for example the cup signed by the manufacturer) and therefore have their own stock and their specific load, and to manage products that are actually "simulacra" of the real product. own. The latter are connected to the product itself, such as the Tribute Kit product; which is in practice a normal product which is however sometimes sold as a gift. In this case the free product does not have its stock, as it is in effect a normal product sold in a different way, so it is not loaded on the van and does not appear in the loading lists. With a logic similar to that of the bill of materials, GD provides for each gift delivered to generate the movement necessary to bring back the stock of free products on the van and to download, of the corresponding quantity, the actual products from the warehouse.

In order to proceed with the management of gifts, it is necessary to:

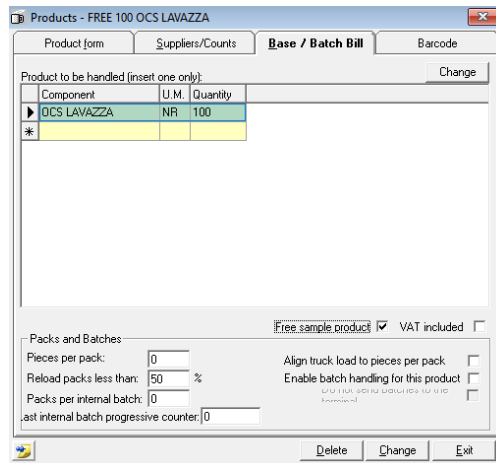
- 1) Create a product Free for each product you wish to sell as a gift

For the management of free products as such (for example the cup), it is enough on the Bill of Materials / Lots tick the box **Product free giftso**.



In the case of "simulacrum" products (kits sold as gifts), the actual product to be moved must be inserted in the space where the product bill of materials is usually inserted.

So in the specific case, this is a product of the FREE COFFEE PODS KIT 200, the product to indicate will obviously be the 200 COFFEE PODS KIT.



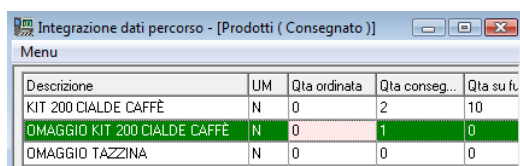
It should be noted that even for the simulacrum product the theoretical beats must be entered in the Jokes Suppliers tab, as well as it is necessary to indicate in the price list the price of the free product itself, whose VAT amount will be the actual price paid by the customer.

If not requested for specific reasons by the sales management policies, it is not necessary to enable the free products in the individual dispensers of each customer, but simply insert them in the list of products managed by the type and at the time of first delivery (with the other function products) will be enabled on the single dispenser.

When the van is loaded, the free simulacrum products, whether they are enabled or not in the dispensers, are not displayed in the list of products to be loaded, as as mentioned they do not have a stock of their own but exist only as a mockery of the homage of another product (which obviously must be loaded by the van).

The free products that instead have their stock, as in the case of the cup, must instead be loaded and can also be inserted in the standard load according to normal needs.

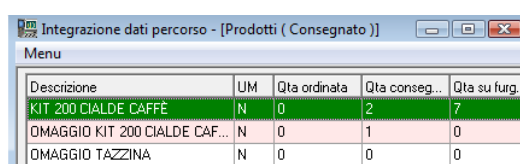
On the terminal, the mechanism for managing free products is completely transparent to the operator, who must simply deliver the free product in addition to any normal product. GD verifies that it is a free simulacrum product and therefore considers virtual storage as the actual connected product.



Descrizione	UM	Qta ordinata	Qta consegn...	Qta su fu
KIT 200 CIALDE CAFFÈ	N	0	2	10
OMAGGIO KIT 200 CIALDE CAFFÈ	N	0	1	0
OMAGGIO TAZZINA	N	0	0	0

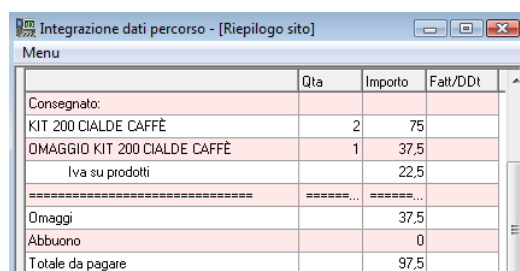
It should be noted that the handling of free products is carried out and stored in the same manner as normal deliveries, so that the delivery of gifts can be analyzed at any time and available as usual.

Exiting and re-entering the mask of the delivered the stock of the actual product will be inclusive of the free product delivered.



Descrizione	UM	Qta ordinata	Qta consegn...	Qta su furg.
KIT 200 CIALDE CAFFÈ	N	0	2	7
OMAGGIO KIT 200 CIALDE CAF...	N	0	1	0
OMAGGIO TAZZINA	N	0	0	0

In the site summary the two products, the actual kit and the gift, will appear separately even though they are physically the same product, and the value of the gifts delivered will also be displayed.



Consegnato	Qta	Importo	Fatt/DDt
KIT 200 CIALDE CAFFÈ	2	75	
OMAGGIO KIT 200 CIALDE CAFFÈ	1	37,5	
Iva su prodotti		22,5	
Omaggi		37,5	
Abbuono		0	
Totale da pagare		97,5	

Likewise, in the invoicing, any gifts will be displayed.



	Qta	Prezzo	Iva
KIT 200 CIALDE CAFFÈ-N	2	75	20
OMAGGIO KIT 200 CIALDE CAFFÈ-N	1	37,5	20
Totale merce		112,50	
Imponibile		Aliquota	Imposta
112,50		20	22,5
Totale omaggi		37,5	
Abbuono		0,00	
TOTALE		97,50	

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Optionally, in the invoices in administration with Homage products, as a description of the Tribute line, the description of the item (s) that generated the gift can be displayed (eg FREE KIT or CUPS PROMOTION), in order to allow to have the wording you want based on the tribute made. This will happen only if the § (paragraph) character is present in the description of any of the free articles. If

GD does not find this character in the text to be printed, it generates in the invoice generically the words Tribute.

Ultimately, therefore, the movement of the free simulacrum product is displayed and recorded as if it were a normal product. When recharging the route, however, GD generates movements that compensate for the actual stock of the products, generating a compensation movement for the van's load so that the stock of gifts is 0 (not having been loaded but having been delivered) and consequently the actual stock of the KIT product is reduced by the gifts delivered. This mechanism makes it possible to keep track of the movements of the individual deliveries of free product, which makes it possible not to lose track of them by reducing them to a single tax speech.

Types of dispensers and relations with products

In GD each machine serial number (ie each dispenser installed at the customer site) can manage a specific set of products. However it would be too burdensome for each entered freshman to specify what product is managed by product. On the other hand it is necessary for the operation on the terminal, that the operator is guided in the entry. It is also useful if different types of coffee are used, or different types of snacks, to identify those that a particular customer usually consumes.

To solve all these problems, the dispenser Types have been created. In practice, for each type of machine you can specify the brand, the model, the payment systems (keys, coin mechanisms etc. usually installed) and product families (or even individual products) used.

The small pod machine will probably not have any payment systems installed and will probably handle the pod product kits. The traditional machine will manage the product families used for the load, the dispensing products and probably will have associated one or more payment systems which will also have products (keys, cards) for payment.

By means of this automation it will not be necessary to specify this information when entering each new dispenser, but only to specify in the "Other data" folder of the single dispenser card which products are managed by the machine data at the given customer (for example the machines can manage the kit families and therefore it would be possible to load each type of kit, but the given customer only wants products of a given manufacturer). As far as the terminals are concerned, they are able to manage the products belonging to the families managed and enabled in the single machine for each serial number. In addition, if desired, in the type of dispensers it is possible for each product (or family) to specify the maximum quantity that the type of machine is able to manage: this can be very useful, even for the control of errors on the terminals, in the load of traditional machines.

Type of dispensers

It allows to manage the type of dispensers that are managed. It represents a schematic diagram of the information associated with each dispenser that can be changed for each machine actually installed and that allows to speed up data entry substantially.

To Add a typology simply type in the Model name, enter the Brand and press Add.

To Modify or consult a type, go to the Model field and recall the item of interest. Press Edit to record the changes or CTRL + HOME to restore the initial state without recording.

Press Clear to delete the entry.

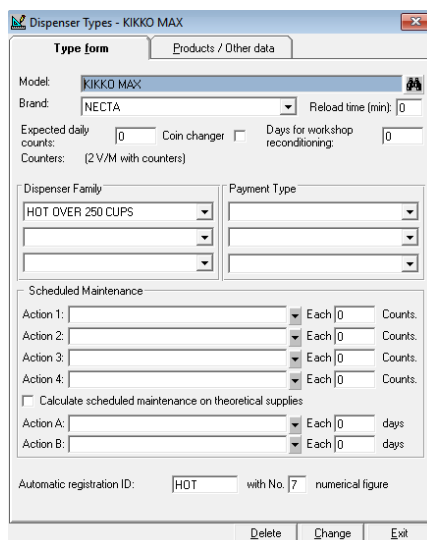
-Tab Type

Model: Key field to search for the types of dispensers. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

By typing * MAXI you get all the dispensers families that contain the text "MAXI" in the model.

Brand: Brand of the type



refill time. (min): Time for minimum refill operation. Allows you to specify the minimum time required to recharge the dispenser. This information may be useful to predict the time spent in a dispenser in the case of calculating the visit with GD Map.

Dailyprovided: beatsIt allows you to specify the number of daily bars provided for the type of dispenser. This information is used in GD Admin for analyzes relating to sub-media dispensers.

Change machine: Allows you to specify if the Type you are entering is a change machine

Days to be restored in the workshop: Allows you to specify how long it takes to repair the dispenserdispenser in the workshop

Family: Families to which the dispenser belongs. They can be changed when the machine is installed. This information is useful for statistical purposes.

Type of Payment: Types of payment associated with the dispenser model. They can be changed when the vending machine is installed. However, the logic is to ask for as little information as possible at the time of installing the dispenser, or to change it only if necessary. Associated with the types specified are the products related to payment such as cards, user keys etc.

Scheduled Maintenance

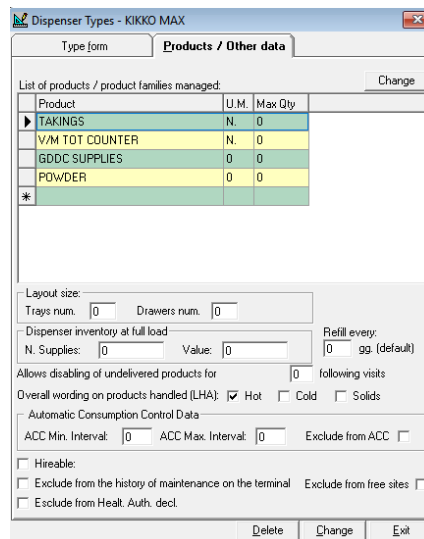
Allows you to set the parameters relating to the scheduled maintenance, and in particular the intervention required and the interval of strokes or days between the execution of an intervention and the subsequent maintenance.

Automatic serial number identifiers

They allow entering the parameters on the basis of which the automatic serial number is generated when a new type of dispenser is inserted. They consist of a fixed alphanumeric part (letters at the beginning of the serial number of the type) and a variable numerical part which is managed and increased by one unit with each new dispenser inserted. For more details, see Automatic registration of machines.

- Products / Other data

List of products / product families managed: Products managed by the machine that must be confirmed when the dispenser is installed.

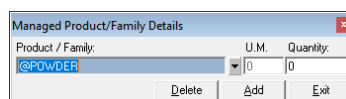


It is also possible to specify entire *Product Families*, selecting the item or items that are of interest only at the time of installation. This allows you to establish in the type of dispensers that the machine can manage the Snacks (by entering @Snacks) and sending the choice of which snacks that customer uses to the installation of the dispenser at the customer site.

To *add* a product, go to the last row of the table and press New (or double click) or from any position in the table press ALT + INS.

To *modify* or delete a product, go to the line of interest and press Edit.

Detail Product / Managed Family



Allows you to select the product and enter the maximum quantity that can be managed by the machine (where this concept is applicable).

To specify a *product*, go to the field and press ENTER (or type the first letters of the description + ENTER) and choose the one that interests you.

To specify a *family* type @ and press ENTER (or type the first letters of the description + ENTER).

Allow disabling of undelivered products for [number] of consecutive visits

Sets the number of visits to be used in the Disable products not delivered function on V/M.

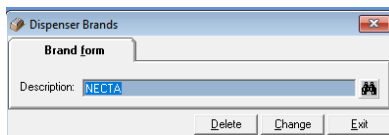
Summary of the maximum number of managed products (ASL): Fields to be enabled if you want the types of products managed by the typology to appear in the printing of LHA declarations

Data Automatic Control Consumption: Fields to set on the single typology the minimum and maximum interval used for the Rentable CAC

: Allows you to specify the cost and / or revenue deriving from rental activities relating to a type of machine. It can be modified during the installation of the dispenser. Here you must enter the costs and revenues if, for example, a company that distributes a certain brand of cans rents the machine to the vending company, or if the vending company rents it to the customer (making him pay a cost).

Dispenser Brand

Allows you to manage the registry of the dispensers' brands.



To *add* a brand simply type in its name and press Add.

To *modify* or *consult* a brand, go to the Description field and call up the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

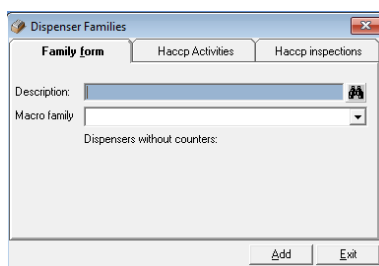
Description: Key field to search for dispensers' brands. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

By typing * ZAN you get all the vending brands that contain the text "ZAN" in the description.

Dispenser family

Allows you to manage the registry of the dispenser families. This table is present for statistical purposes. Each dispenser can belong to up to three families simultaneously. It should be noted that the dispenser box without counting strokes must be enabled for the families of machines that do not have a meter (cold, snack), as this information is indispensable for the analysis of GD Admin.



To *add* a family, simply type the name and press Add.

To *modify* or *consult* a family, go to the Description field and call up the item of interest. Press Edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

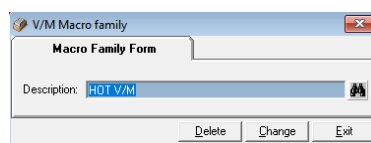
Description: Key field to search for dispensers' families. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

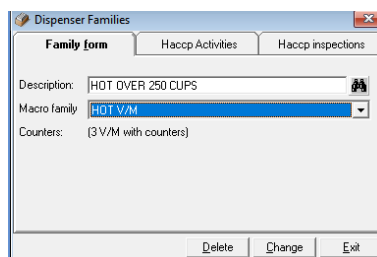
By typing in * HOT you will get all the dispensers families that contain the text "HOT" in the description.

Macrofamily dispensers

It allows to group different families of dispensers and to obtain overall data in the analysis of actual beats, on the Analysis of Effective Macro Operators Families V/M and on Print visits by operator, where a filter was added by zone, by route number .

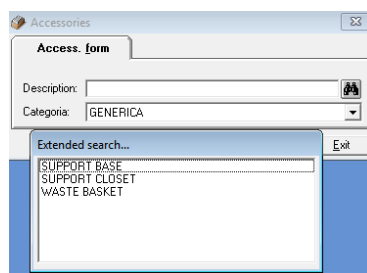


If you create dispensers Macrofamilies, on the dispenser family table it will be possible to set the relative Macrofamily



Dispenser accessories

It allows you to manage the registry of the accessories of dispensers, such as supports or cabinets. It is possible to associate up to three accessories to each dispenser.



To *add* an accessory, simply type in its name and press Add.

To *modify* or *consult* an accessory, go to the Description field and call up the item of interest. Press Edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

Description: Key field to search for dispensers' accessories. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

By typing * SUPPORT you will get all the dispensers families that contain the text "SUPPORT" in the description.

Methods of calculating the payments

The consideration refers to the main item from which the vending company draws his collections. In GD each individual dispenser can be treated differently with regard to the method of calculation of the payment.

The program offers different options to cover all needs.

Calculation of the payment based on the products delivered

It is the simplest way; the customer pays for the products delivered to him: this mode is the one used for kits, combinations or boxes of products and is used mostly in small pod machines. It is however possible to record the beats made in the card of the machine, but this information is useful only for mnemonic purposes or for any assistance actions. The price of the products is established by the price list applied to the site where the dispenser is located. The operator records the delivered products on the terminal and the terminal informs him about the amount the customer has to pay.

If an invoice is required it can be issued to the order, manually (based on the data of the terminal) or in a deferred manner upon return of the operator (see [Logic for issuing invoices](#)).

Calculation of the payment based on the beats

In the event that the machine has installed a counter, some operators do not charge the customer for the products delivered but the beats made by the machine. The basis of the calculation can be the total beats, the bars of the coffee group (those of the water group could be free) or those of the water group of the machine. The price charged to the customer is taken from the price list to the items entered.

One of the advantages of this method is that by means of the decontatore (accessory that can be applied to the different dispensers) whose management is integrated in GD it is possible to manage the deliverable consumptions, thus overcoming the problem of the supply of products from different sources by the customer.

The operator records on the terminal the products left to the customer that are not valued as in the previous case and specifies the number of beats (possibly detected automatically) in the dispenser entry. The terminal provides the consideration that the customer must pay for the beats made since the last survey.

If an invoice is required, it can be issued manually (based on the terminal data) or delayed when the operator returns (see [Invoice issue logic](#)).

Mixed management of dispensers for coffee and delivered products for solubles

If a dispenser is set with the calculation of the payments based on the coffee group stops, it is possible to manage the stops as if the dispenser were to total strokes, but also allows to deliver products that are valued and whose amount is added to that of the bars.

NB In terms of analysis, obviously the two theoretical deliveries and actual deliveries for this type of machine are not available and the relative columns show the sum of the two values (the theoretical ones are those of the delivered products, the actual ones are those of the meter). Obviously the coffee product must not have theoretical beats (otherwise they would be counted twice) nor price in the list.

Calculation of the payment based on the dispensing products

The products that are loaded into the machines are not valued and the operator types the deliveries detected by the different meters and specifies the receipt (or enter the number of the bag where he placed the contents of the machine). On his return, the operator in the company will count the money and enter the actual value in the corresponding entry on the card. For each product it is possible to have a dispensing counter, including the registration of any tests performed that must not be calculated in the evaluation of the collections.

(For dispensing products, see Products and product families)

Creation of the installations

There are basically two ways of creating the installations: the first one that allows, through the use of different detailed and correlated cards (Customers, Customer Sites and dispensers), to insert the totality of the personal data. The second one allows you to enter the key information for each installation also using mechanisms to copy the parameters and that once created examples of standard installations speed up all the processes considerably. It should be noted that any installation created automatically by the Installation Wizard can be modified by going to change the individual tabs, as well as any installation created by means of single tabs can be modified with the installation wizard.

Single card mode

To set up an installation at a new customer, the vending company must enter:

1) **The customer's personal data:** (it is necessary to know the minimum data of the personal data, the method of calculation of the payment (delivery of products, machines to delivery) etc.) generally used for the client (see the relevant paragraph) and the type of tax regime. At the customer's confirmation, the program asks if the program should automatically create the client site

2) **The client site** is the place where they are physically install the machines. This may not correspond to the customer's business name, or there may be several sites (think of the installations at the LHAs and their districts) against a single entity to which billing is done. In addition to any differences in personal data, to set up a site it is necessary to know: the zone to which it belongs (the zones can be managed in the specific Customer Zone table accessed from the management menu), the competent LHA (for printing the declarations of installation and removal of the dispensers) and the price list you want to apply.

3) **The machines you want to install** (or have already installed). For each machine it is necessary to know or attribute: a unique serial number, the type of machine, any payment systems installed, the method of calculating the payments (which in the first instance is set as specified in the customer) and the tax regime. In the second suspended folder must be marked in the list of managed products which of them will actually be managed on the machine: which products will be used for the load, which products associated with the payment (keys or cards) such as dispensing products (if the dispenser is managed at delivery)

the Customer Master Data

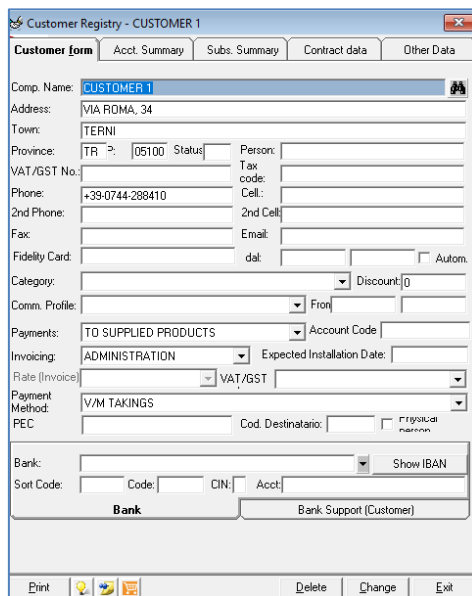
table **Customer MasterData**, available from GD Customer menu allows you to manage the company's customers. The card contains personal data, billing data as well as the contact person. The addition of a registry determines, upon confirmation, the creation of a corresponding client site.

To *add* a customer, fill in the required data and press Add.

To *modify* or *consult* a customer, go to the Description field and call up the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

The Customer Master Data Table consists of the following folders:

- Customer card



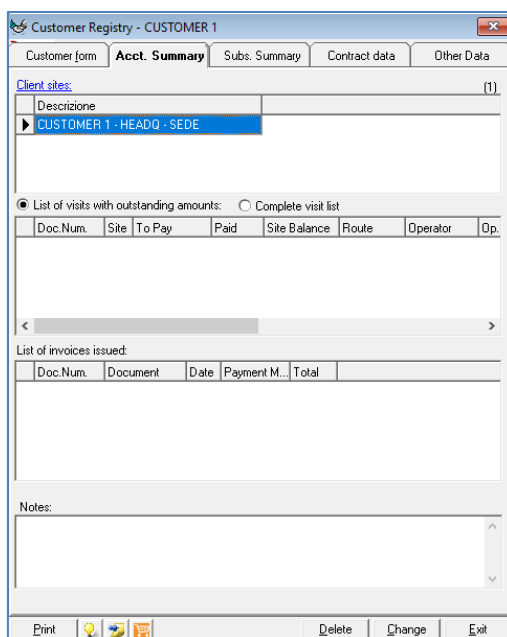
Company Name: Key field to search for customers entered. Recall the desired item or a list of customers to choose from if two or more records are obtained from the specified search.

Press ENTER (or type the first letters of the company name + ENTER) to choose the item of interest. By typing * SRL you get all the suppliers that contain the text "SRL" in the description of the

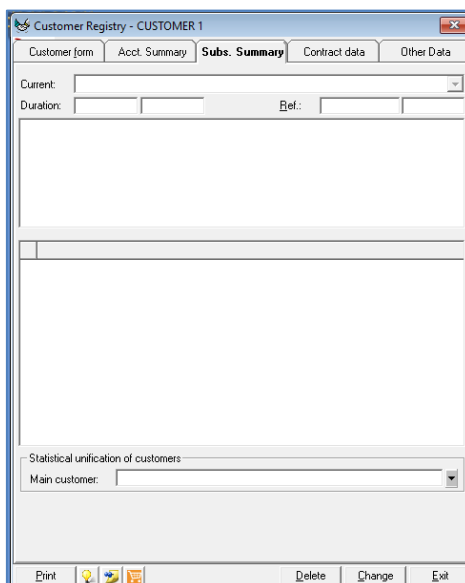
Considerations (Customers): It allows you to set up a system for calculating the payments for the customer. It is *only a preference* that is automatically reported when a machine is installed and can still be changed from dispenser to dispenser.

Billing (Customers): Allows you to set the tax treatment of the customer. It is *only a preference* that is automatically reported when a machine is installed and can still be changed from dispenser to dispenser. It is also possible to set, again as a preference to be applied to the dispenser, the VAT invoicing rate

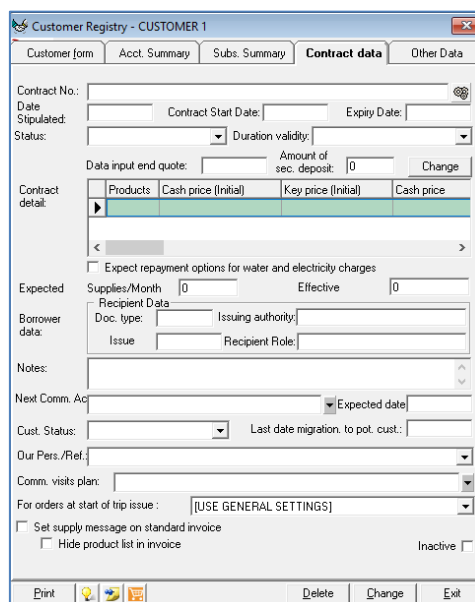
- Accounting



summarySubscription summary



- Contract data



In the various versions, additional commercial information has been added to the customer contract form. In addition to the start and expiry dates of the contract, it is possible to freely enter the items of products / families specified in the contract with the entry prices and, if applicable, those in operation.

This information as well as for consultation and as a reminder can be used to automatically generate the standard contract. To this end it is possible to:

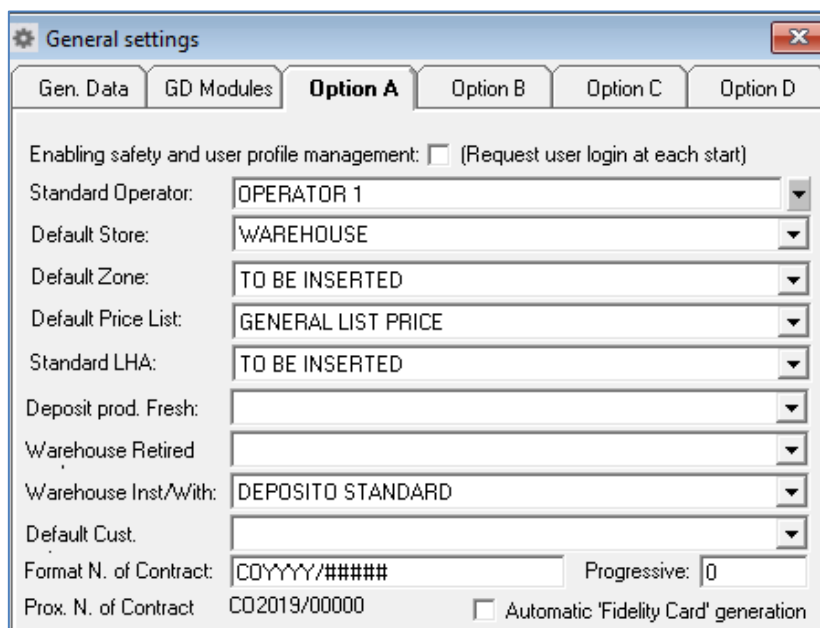
- Create in GD an automatic identifier customized for the number / name of the files of the contracts generated
- Assign the identifier with a progressive number to the N. Contract field available in the Customer Card (Contract Data folder)
- Search for a customer based on to the Contract No. (by typing the @ character as the first character in the Company reason field at the time of the search)
- Print a list of the active Customers with the N. Value field.
- Print and save the PDF file automatically (or also Word, RTF or Excel) automatically exported to the customer's documents folder (if set) which can also be consulted with the appropriate button from the Other data folder.

-

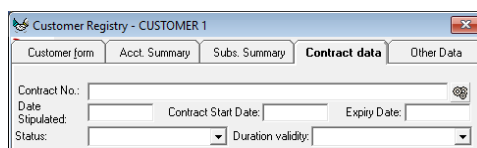
Customizing the contract file name

To customize the contract number format, simply change the one proposed by GD in the General Settings to the Opz folder. A, while the progressive number of the next contract can be entered in the Progressive field.

Regarding the format, you can enter the current year / month / day by entering YYYY (or YY for the two-digit year), MM and DD as well as deciding to format the progressive number as desired (eg the default provides for ##### which generates contracts with the number formatted to 5 zeros.) Any other character is kept equal to the one entered in the format field. Therefore the standard format below which is proposed by GD has COYYYY / ##### which would generate an upcoming contract CO2013 / 00007.



To obtain the progressive number and enter it in the Contract No. field, it is possible to click on the wheels next to the contract number in the customer's card (this takes the next number and increases the progressive number. When it is safe, it checks that there are no duplicates). If you want to use different numbers all can be left as before.



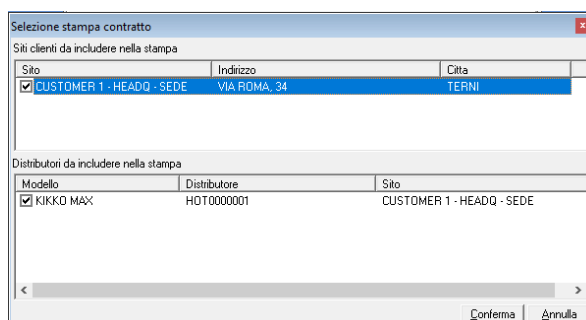
It should be noted that if the Dir documents Clients has been set in the General Settings of GDAdmin also, exporting in any format the contract report (PDF, Word, Excel ...) the file is saved directly in the customer's folder instead of in the standard export folder (the user is informed when the desired export button is pressed on the preview window). Otherwise the file is exported to the standard export folder always indicated in the general settings.

In the customer menu (GDAdmin / Print / Customers / List of customer contracts) it is possible to select all the contracts stipulated for the desired period with the relative Contract No.

Printing of the contract

By pressing the print button from the contract folder it is possible to print the contract for the customer, also on customized forms, with all the details entered in the registries and with the desired

form. At the time of printing, a double list is displayed which includes all the sites and all of the customer's dispensers, but which allows you to deselect any unwanted items that will not be included in the printed form.



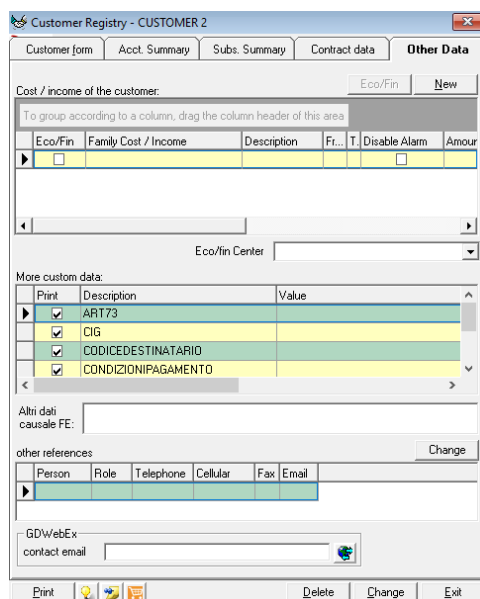
Inactive (customer): If enabled, it makes the customer unusable in normal management. The tab of the Inactive Client can be viewed (but can no longer be modified) by GDexplorer, by checking the option Display also inactive, or from the customer data sheet by placing the symbol ^ in front of the description of the company name.

A customer can be reactivated using the Reactivate GD elements function accessible from the Management menu of GDAdmin.

NB When a GD client is set inactive it checks that the client that wants to be inactive does not have customer sites still active, then requests confirmation of the change: by answering YES it is put inactive, answering NO remains Active.

If your GD is enabled to use GDCRM if you answer YES then GD asks if you want to create the POTENTIAL customer, if you answer NO, the customer is simply rendered Inactive and the potential customer is not created, if you answer YES instead the customer is Inactive, but is moved not between inactive customers but among potential customers. In this case, to reactivate it, it will be necessary to go to GDAdmin and call up the table of potential customers of the optional GDCRM module.

- Other data



In the case of registries imported from other management systems, it is possible that the data relating to reference persons on a specific customer / site are not sufficient, or in any case the necessary details

in GD are not available. In order not to lose this information, the "Other references" table has been created where you can see the master data of other imported and connected customers. The grid is located in the "Other data" folder on the customer sheet and is not visible if the registry does not contain the data.

There is also the possibility of managing folders of separate files for each customer where to place in an orderly manner the files that concern them, whether or not they are generated by GD and by the additional modules

GD was also designed to be the collector of all the information of the own company. For this purpose it can also be used to create a centralized directory system to store both the printouts to be stored and any other files produced with other programs or scanned for the installations. The system automatically creates directories for each GD client under a common folder (specified in GDAdmin / General Settings on the first page in Work Directories and Support Programs).

Each customer's sub-folder can be opened by selecting it in the customer screen and pressing the Documents Folder button in Other Data on the customer sheet.

If not existing, the folder is created at the first access starting from the company name of the customer from which the unusable characters are removed and to which is appended after two characters "underscore" a unique number that corresponds to the id of the customer in the database. This allows you not to lose the reference to the customer's folder even by changing the customer's company name, but at the same time to have easily intelligible customer records.

NB: Of the data present in the customer folders, a manual backup must be made as the GD backup provides for the backup of the SQL database only.

The Customer Site

Site Database The Customer Site Database table, accessible from GD's Customers menu, allows you to manage customer sites. By site we mean the place where the dispenser is physically installed. Each customer master can have one or more corresponding sites. The site is in fact the stage of the journey being made.

To *add* a customer site, fill in the requested data and press Add.

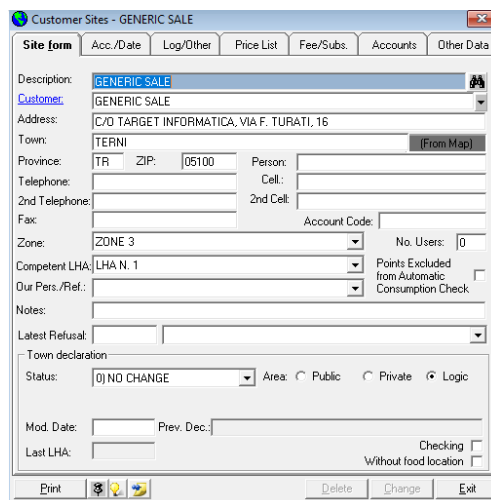
To *modify* or *consult* a customer site, go to the Description field and call up the item of interest. Press Edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

Pressing Print you get the summary of the installations or the price list (with actual amounts including VAT) applied for the products supplied.

The Customer Site Master Table consists of the following folders:

- Tab

Contains the main data of the Site and Client database, the reference Area, the competent Local Health Authority, the section relating to the Declaration to the municipalities.



Description: Key field to search for customer sites entered. Recall the desired item or a list of customer sites to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

Typing * RISTORO you get all the suppliers that contain the text "RESTAURANT" in the description.

Customer: Indicates the customer to whom the site refers. To specify a customer press ENTER (or type the first letters of the company name + ENTER) to choose the item of interest and then confirm. By typing * SRL you get all the customers that contain the text "SRL" in the company name.

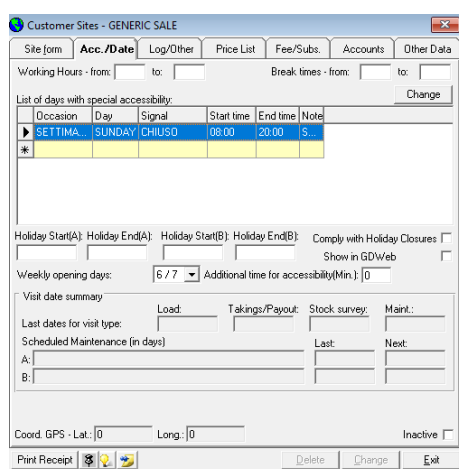
Last Rejection: It shows the last refusal opposed to the visit of the operator by the customer. It can be useful information to refine the tours or to manage the client in a better way.

Localization:

It allows to know if and how the customer site has been georeferenced, or positioned on a map. The possible options depend on the availability or not of the GDMAP module, in the absence of which the only possibility of localization is the manual one through the PDAs equipped with GPS.

- Accessibility / Date

Contains information on times and days of access to the site, if set they are displayed in the routes.



Accessibility: Possibility of access to the site. Indicates on a daily or monthly basis when and at what time it is possible or advisable to access the site. Each line contains the indication relating to the times and ways of access as well as a message that is displayed when the route is generated. It also allows

you to indicate if the site observes the holiday calendar and the number of working days on a weekly basis, information that is used by GD Admin to calculate daily consumption averages.

To *add* an access description, go to the last row of the table and press New (or double click) or from any position in the table press ALT + INS.

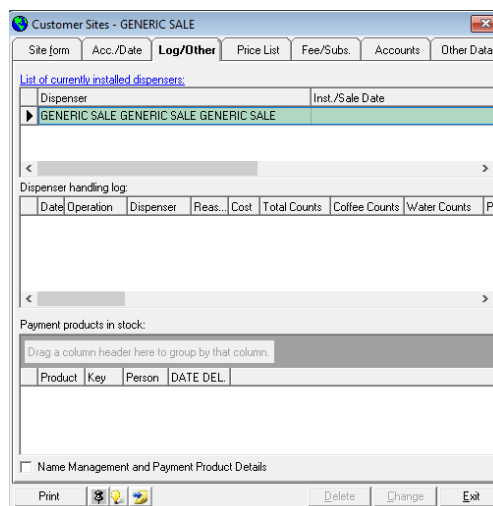
To *modify* or delete an access description, go to the line of interest and press Edit.

Accessibility Detail to the Site: Allows to indicate an access description

To specify one access description select the type of occurrence, the day, the time and enter the message you wish to be displayed when the tour is created (ie the reason why the access is not recommended)

Inactive (customer site) : If enabled, the site cannot be used in normal management. Its tab is no longer editable, but can be viewed by GDexplorer, by checking the option Display also inactive, or from the customer data sheet by placing the symbol ^ in front of the description. The site is not included in the creation of daily routes both from the types and from the areas. In the route typologies the stage relative to the inactive site is reported, remaining however in the list. The site can be made inactive for several reasons: either because you temporarily want to exclude it from the routes, or because it is actually no longer active and must remain in the archive only for historical management data. A customer site can be reactivated by means of the Reactivate GD elements function accessible from the Management menu of GDAdmin.

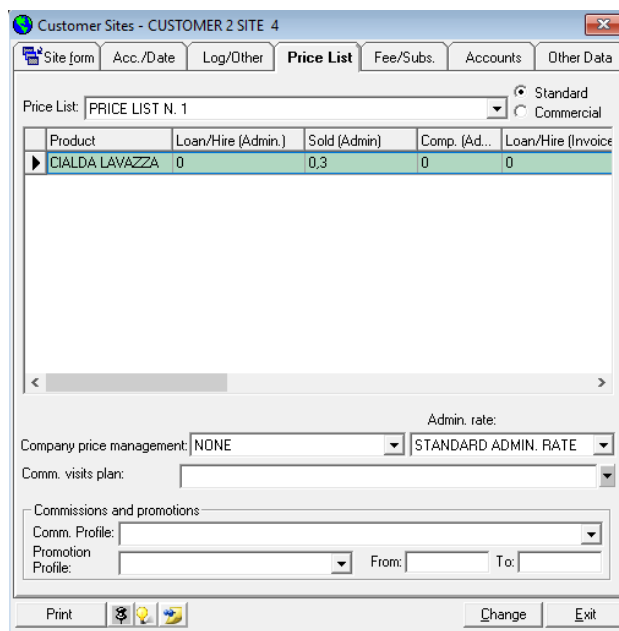
- Log History / Other



List of currently installed dispensers and History of dispenser movements: Display the data relating to the dispensers installed and withdrawn on the site.

Stock Payment Products: Contains information on payment products where they are managed, having enabled the option *Manage names and payment products details*.

- Price List

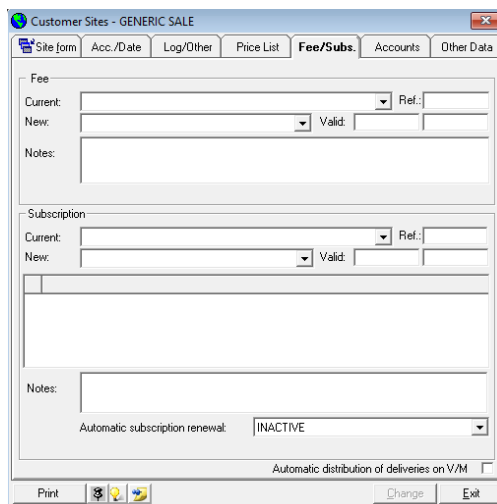


Pricelist: allows you to choose and apply to the customer site the list with the price of the products managed by the machines installed there. It also allows you to specify the use of the corporate price column, with Corporate price management, or to customize the VAT rate of administration.

Commissions and Promotions: Allows you to assign and then view the commission profile and the promotion associated with the client site.

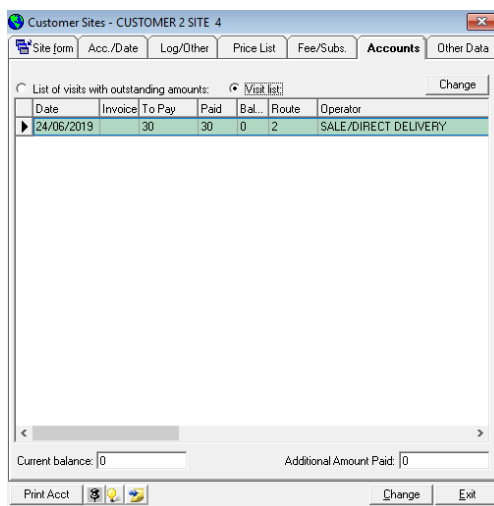
- Subscription payments

Allows you to view the payment and the subscription assigned to the site (*See the logic of the guns and the subscriptions*)



- Accounting

Allows you to view and / or modify the sales and collection data (fees) related to visits to the site, both limited to those with unpaid amounts and globally. Visits are displayed so that the first row of the table represents the most recent visit.



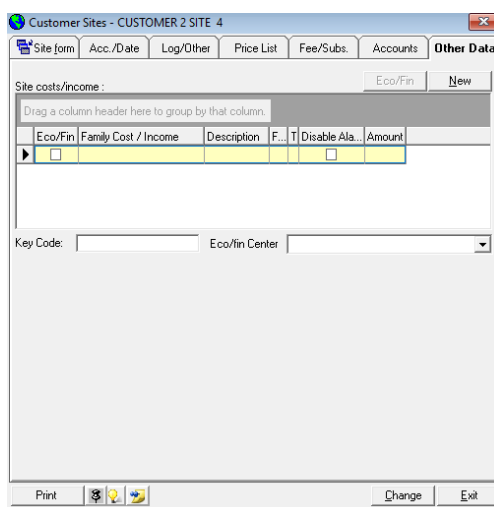
Date	Invoice	To Pay	Paid	Bal.	Route	Operator
24/06/2019	30	30	0	2	SALE/DIRECT DELIVERY	

Current balance: 0 Additional Amount Paid: 0

Initial / Current Balance: This field contains the customer's balance, but has different functions depending on whether the site has been visited or not by operators with active GD. When uploading the personal data, it is possible to enter the site balance here. Subsequently, the field contains the amount of the customer's debt, and cannot be modified, as any corrections are to be made by modifying the wrong route line in the table or by entering a payment in the Additional Paid Amount box.

Additional Paid Amount: Allows you to make partial payments or balance the customer's debt. The amount is recorded in the last open (not welded) stage present.

- Other data



Eco/Fin	Family Cost / Income	Description	F.	T	Disable Ala.	Amount
1	100.00					

Key Code: 1 Eco/fin Center: 1

The dispenser

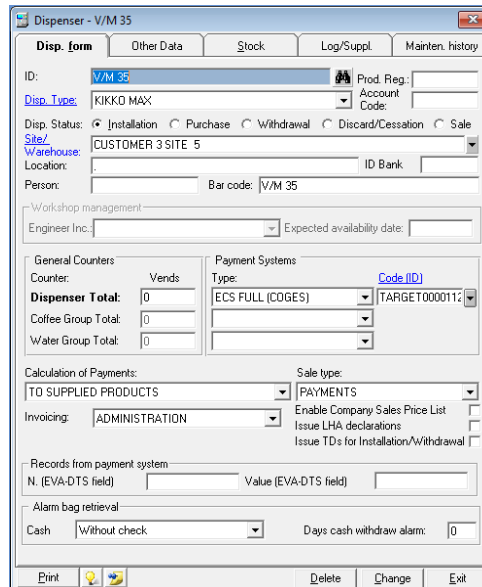
dispenser mastercard, accessible from GD's Warehouse menu, is one of GD's main archives. It contains all the information relating to the dispenser and is organized in four folders: Card, Other Data, Stock, History / Withdrawals

To *add* a dispenser fill in the required data and press Add

To *modify* or *consult* a dispenser, go to the Identification field and call up the item that interests. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

-Sheet

dispenser Identification Data, dispenser Type, Status, Payment Methods and Related Beats, Manufacturer Serial Number.



Identifier: Key field to search for inserted dispensers. Recall the desired item or a list of dispensers to choose from if two or more items are obtained from the specified search.

To search for a dispenser from the identifier press ENTER (or type the first letters of the identifier + ENTER) to choose the item of interest.

By typing * MATIC you get all the dispensers that contain the text "MATIC" in the Identifier.

To search for a dispenser from the membership site, type @ followed by the site description. The dispensers for the specified site will then be shown in a subsequent list.

To search for a dispenser starting from the type, type # followed by the type of dispenser, the dispensers belonging to the selected type will be displayed.

To search for a dispenser on the basis of the serial number of the manufacturer, type the character § in the dispenser card to search for DAs by manufacturer code.

The character \$ in the dispenser card allows you to search for dispensers for the ID code of the payment system (the search is available only on the first of the three codes).

Type of dispenser: It can be specified and modified only when the dispenser is first entered and automatically assigns to the dispenser all the specified characteristics, such as payment methods, managed products etc.)

Dispenser Status and Site / Warehouse: Indicates the current status of the dispenser, or the customer site where it is currently installed or in which warehouse it is located for collection or scrapping. Each time the status of the dispenser is changed, a new movement is recorded in the history of the dispenser with an indication of the measures made. Depending on the state, a different type of movement is recorded and consequently it is possible to choose between sites and warehouses.

The statuses allowed for a dispenser are:

Purchase: which allows you to register the purchase of the machine and its placement in a warehouse

Installation: which allows you to register the installation with customers of machines on loan or rent

Pick-up: which allows you to register collection of the machine and its placement in adepot

sales: which allows you to record the sale of the dispenser to a customer, still carrying out the supply of the products (enables the use of the price list sold)

Scrap / sale: which allows you to record the scrapping or selling a dispenser in a special warehouse. The dispenser is automatically made unavailable.

To enter the site or warehouse (depending on the state) press ENTER (or type the first letters of the description + ENTER) and choose the item of interest.

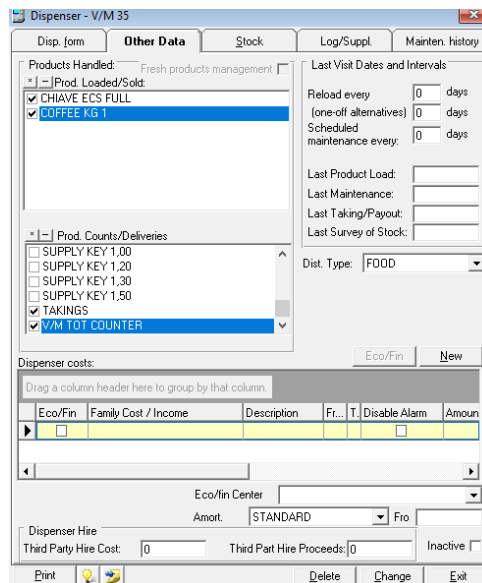
By typing * SRL you get all the sites that contain the text "SRL" in the description.

Location: Description of the site within the site where the dispenser is located, when necessary.

Payment Systems: Types of payment associated with the dispenser. Associated with the types specified are the products related to the payment such as cards, user keys etc that will be requested to the operator by means of the terminal. In this tab, under the ID Code, the key code of the system installed at the dispenser must be entered.

- OtherData

Product actually managed by the dispenser. Data related to last visits and intervals. dispenser costs and rental costs / revenues.



Intervals and Dates Last Visits: Average interval between visits to the dispenser and date of the last completed (it is used to calculate the standard interval) in the generation of routes starting from the zones. The dates of the last visits for each type of activity carried out at the dispenser are included (Loading, maintenance, collection and inventory detection).

Managed Products: Products managed by the dispenser at the customer. The list contains all the products specified in the dispenser type, including those attributes by means of the product families. It is essential to mark each product in the list you wish to be managed, including payment products and payments (in the case of management by means of payments).

dispenser costs: Allows you to specify the costs associated with the dispenser at the customer (space rental, electricity consumption, etc.)

To add a cost item, go to the last row of the table and press New (or double-click) or from any position in the table press ALT + INS.

To modify or delete a cost, go to the line of interest and press Edit.

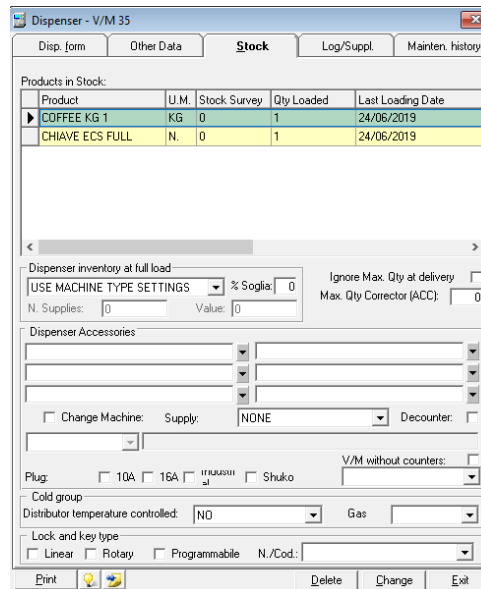
dispenser Cost Detail: Allows you to specify a dispenser cost, indicating family, description, amount and incidence period.

To specify one cost item select the family, enter a description and indicate the amount and validity interval of the cost.

Rental Data: Allows you to specify the cost and / or revenue from rental business related to the dispenser.

Inactive (dispenser): If enabled, the dispenser cannot be used in normal management. His card is no longer accessible, and the dispenser is not included in the daily routes generated anyway. GD automatically deactivates the dispenser if it is scrapped / transferred with the transfer to a special warehouse. In any case, the dispenser can be made inactive at will. A dispenser can be reactivated by means of the function reactivates GD elements accessible from the Management menu of GDAdmin.

- Stock



Product	U.M.	Stock	Survey	Qty Loaded	Last Loading Date
COFFEE KG 1	KG	0		1	24/06/2019
CHIAVE ECS FULL	N.	0		1	24/06/2019

Dispenser inventory at full load
 USE MACHINE TYPE SETTINGS: [dropdown] % Soglia: 0
 N. Supplies: [0] Value: [0]
 Ignore Max. Qty at delivery: [checkbox]
 Max. Qty Corrector (ACC): 0

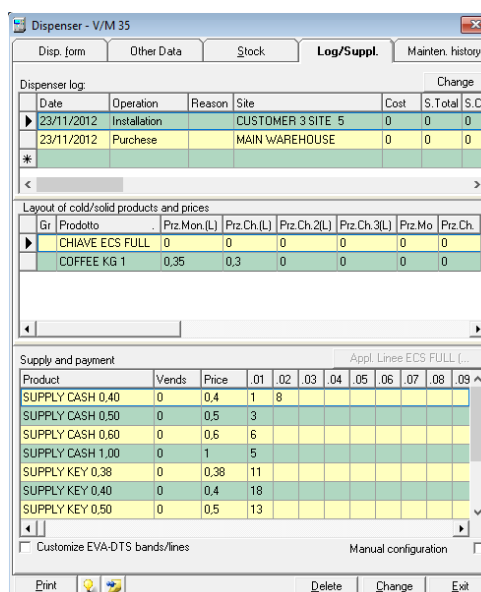
Dispenser Accessories:
 [dropdown]
 [dropdown]
 [dropdown]
 [dropdown]
 [checkbox] Change Machine: Supply: NONE Decoupler: [checkbox]
 [dropdown]
 Plug: [checkbox] 10A [checkbox] 16A [checkbox] 17A/20A [checkbox] Shuko V/M without counters: [checkbox]
 Cold group:
 Distributor temperature controlled: NO Gas: [dropdown]
 Lock and key type:
 [checkbox] Linear [checkbox] Rotary [checkbox] Programmabile N./Cod.: [dropdown]

Print [icon] [icon] Delete Change Exit

Products in: Quantity of product loaded in the vending machine on the last visit made for each managed product and quantity in stock read at the last survey carried out.

dispenser accessories: Allows you to indicate the accessories of the dispensers, such as supports or cabinets supplied to the customer.

- History / Delivery



Dispenser log:

Date	Operation	Reason	Site	Cost	S.Total	S.Cc
23/11/2012	Installation		CUSTOMER 3 SITE 5	0	0	0
23/11/2012	Purchase		MAIN WAREHOUSE	0	0	0

Layout of cold/solid products and prices:

Gr	Prodotto	Prz Mon (L)	Prz Ch (L)	Prz Ch 2 (L)	Prz Ch 3 (L)	Prz Mo	Prz Ch
	CHIAVE ECS FULL	0	0	0	0	0	0
	COFFEE KG 1	0,35	0,3	0	0	0	0

Supply and payment:

Product	Vends	Price	.01	.02	.03	.04	.05	.06	.07	.08	.09
SUPPLY CASH 0.40	0	0.4	1	8							
SUPPLY CASH 0.50	0	0.5	3								
SUPPLY CASH 0.60	0	0.6	6								
SUPPLY CASH 1.00	0	1	5								
SUPPLY KEY 0.38	0	0.38	11								
SUPPLY KEY 0.40	0	0.4	18								
SUPPLY KEY 0.50	0	0.5	13								

Customize EVA-DTS bands/lines: [checkbox] Manual configuration: [checkbox]

Print [icon] [icon] Delete Change Exit

History of the dispenser: History of the life of the dispenser (purchase, installations and withdrawals)

Detail History dispenser: Stage in the history of the dispenser. It is generated automatically by changes in the status (see folder sheet) and can be completed or modified with manual movements. To specify one step in the history of the dispenser fill in, type in the date, select the type of operation.

Beats and Delivery System: Beats Allows you to check and change the number of beats recorded for each dispensing product and to configure interfacing with electronic key detection systems. It also allows you to quickly view the price of each delivery.

D / A: Not equipped with a timer It allows you to specify that the dispenser does not have a stroke counter. This information is used in the site analysis in GD Admin to indicate the type of machine performance checks.

First slave line: for machines connected in battery, where the beat data are recorded in a single payment system present on the master, it is possible to indicate from which line to start considering the stops as belonging to the slave dispenser. With this setting it is possible to have in the analyzes the separation of the beats between the master and slave machine, even though the data of the lines are stored on a single payment system.

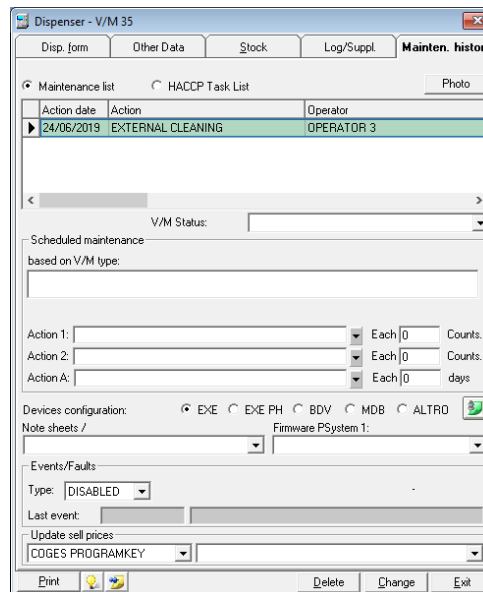
Example in the case of machines in battery type kikko + snakky led to a display of the analyzes where all the beats were assigned to the master machine. By entering the same battery ID on the master and on the slave and entering the first line of the slave on the master in the analyzes it will be possible to see the total of the measured bars, but also to know how many bars are relative to the first machine and how much to the second one (and / or third machine in the case of a double slave) and can ultimately identify, in the presence of a correct machine, system and GD configuration, how many stops are made on the V/M of heat and how many on that of cold. In practice, the stops belonging to lines with a number lower than that specified in the "First slave line" field are assigned to the dispenser on which the slave number has been set, the others go to the first dispenser in order of description of the type, which turns out to be in the same battery and which has the "Code (ID)" of the payment system not set.

In the case of more than one price range the number to be entered in "First slave line" is related to the first price range.

The "First slave line" field can be set directly on the payment systems table and will apply to all dispensers, with the Battery ID specified, which have that particular payment system, but if it is also set on the single dispenser this will take priority over to that included in the payment systems. If you leave the field = 0 in the dispenser, it commands the payment system field, if even that is zero nothing will go to the slave.

- Maintenance

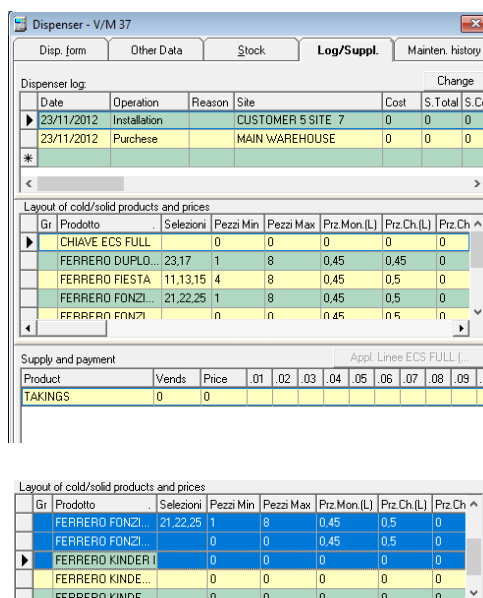
Displays the list of maintenance performed on the dispenser.



Logic of configuration of the layout of the products on the dispensers

Optionally it is possible to register for each product loaded in the dispenser, the destination selections and the number of minimum and maximum pieces of the product for the single dispenser of the specific customer. This is information that can be very useful in the loading phase, if you work with configurations defined at company level and in any case you want to provide maximum detail to those who work in the field, even to limit any errors.

For the sake of completeness, the information on the key price / key price included in the price list and the possibility of indicating a customized alternative coin / key price are also available.



Since the configuration of the machines is made at the level of the single dispenser (in the history / supplies tab), it has been possible to copy / paste all or part of the configuration from a similar dispenser. To do this, simply select one or more lines and click with the right mouse button (or the appropriate combination of keys).

It should be noted that by copying a configuration, any products disabled on the destination dispenser are enabled, *as long as they are available in the list in the Other data folder (ie based on what is indicated in the type of dispenser).*

Select all	Ctrl+A
Copy layout of products cold/solid	Ctrl+C
Paste cold/solid products layout	Ctrl+V

Installation configurations (wizard)

This function, accessible from the Tools menu of GD, created on the basis of experience and user requests, during the learning and initial configuration phase of GD, simplifies and speeds up the creation of an installation in a decisive way GD.

This guided procedure, with relative audio guide that contains the salient indications for the use of the different phases, allows the vending company to quickly create an installation specifying the minimum data necessary for the customer, the site and one or more dispensers, even of different types

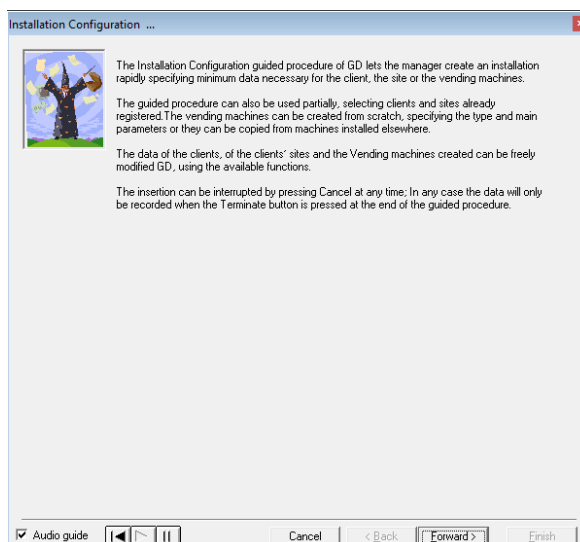


It is possible to use the autocomposition also partially, selecting customers and sites already registered. dispensers can be created from scratch, specifying the type and main parameters, or they can be copied from machines installed at other sites. The data of the Customers, of the Customer Sites and of the created dispensers, can however be freely modified in GD, by means of the functions already available.

To register an installation, proceed as follows:

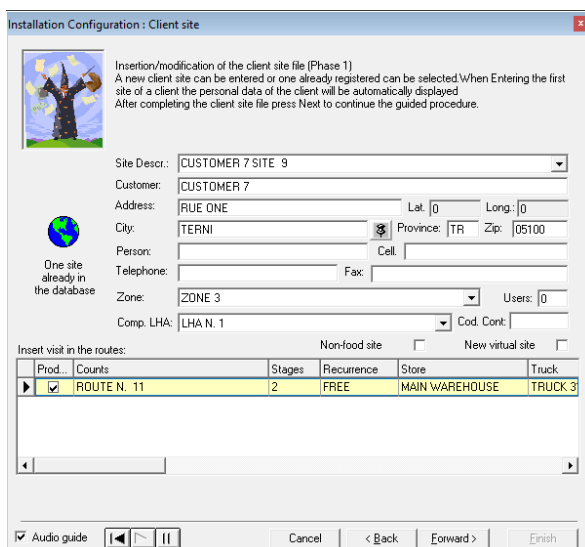
Customer

Enter the data of a new Customer or select an existing one with the traditional search options offered by GD and press the Next button.



Customer site

1 - Type in the registry of a new Site or select an existing one, choosing it with the selection box in Site Description. The number of sites already available is shown at the bottom left. Press the Next button.



Insertion/modification of the client site file (Phase 1)
A new client site can be entered or one already registered can be selected. When entering the first site of a client the personal data of the client will be automatically displayed.
After completing the client site file press Next to continue the guided procedure.

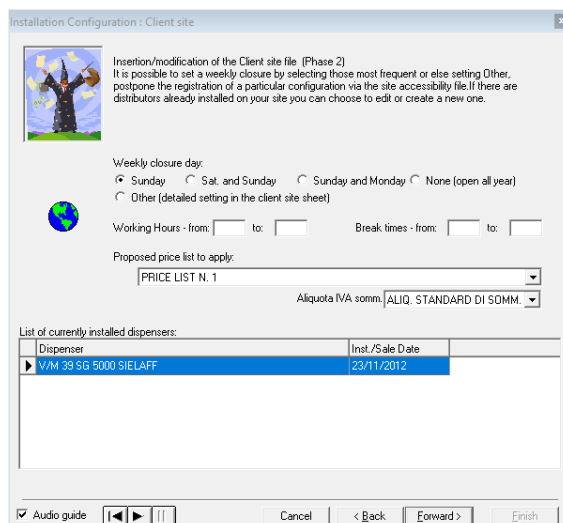
Site Descr.: CUSTOMER 7 SITE 9
Customer: CUSTOMER 7
Address: RUE ONE Lat: 0 Long: 0
City: TERNI Province: TR Zip: 05100
Person: Cell:
Telephone: Fax:
Zone: ZONE 3 Users: 0
Comp. LHA: LHA N. 1 Cod. Cont:
Insert visit in the routes: Non-food site ☐ New virtual site ☐

Prod.	Counts	Stages	Recurrence	Store	Truck
ROUTE N. 11	2	FREE	MAIN WAREHOUSE	TRUCK 3	

It is possible to use the wizard to create a new "virtual" site without necessarily registering the creation of one or more V/M. This operation can be done using the Terminate button, which is enabled only in the two phases of the wizard relating to the client site, but only if the box of the New Virtual Site has been checked, which becomes active only after selecting the main site. The new site is named with the same description as the main site with a number next to it.

2 - If the client observes a weekly closure between those proposals select it, otherwise choose Other. Select the price list to apply to the site. The price list is not strictly the one indicated in this step, so the field is "List price". It is obviously possible to indicate one (and if you have chosen an existing site, obviously the current one is proposed). However the following steps displaying the prices present in the proposed price list, allow you to change them and add products and prices by automatically managing the update of the same price list upon confirmation, the choice of a different price list if it already exists compatible with the changes made in the wizard, or finally the creation of a completely

new price list for the site in question that integrates what is already there and the new settings for prices, products and dispensers.



The list of dispensers already installed on the site is visible only if there is at least one dispenser installed.

Selecting an already installed dispenser you can go to change the data, otherwise you can proceed with the creation of a new one.

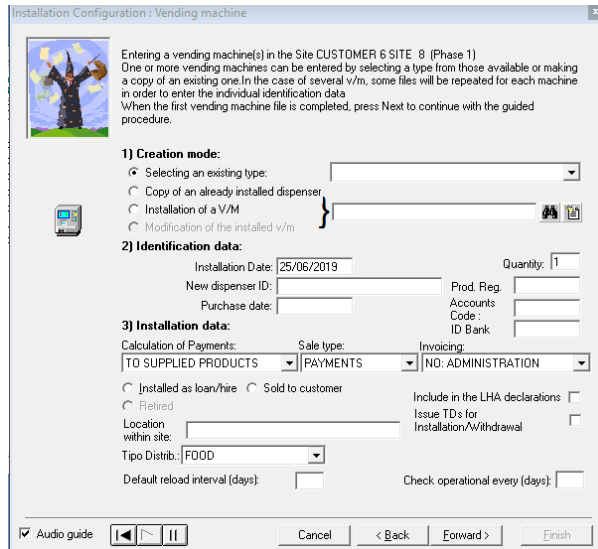
dispensers

1 - It is possible to use the wizard to install / sell a vending machine by copying it from a type, copying an already installed vending machine or taking a vending machine present in the warehouse, resetting the main parameters without necessarily creating a new one.

If you want to use a type of dispenser in the archive, choose Select an existing Type, as the creation mode. If, instead, you want to copy an existing dispenser, choose Copy of a dispenser already installed and search for the dispenser to be copied in a standard way, that is, by typing the identifier (even partially) or by typing @ followed by the description (even partial of the Site). Type in the Quantity field the number of dispensers of the same type that you want to insert.

Then set the data of the new dispenser: the identifier (or the serial number), the purchase date (optional) and the installation date, the calculation methods for payments and invoicing, the location on the Site.

Optionally enter the number of days of the standard recharge and functional verification interval. Press the Next button.



Entering a vending machine(s) in the Site CUSTOMER 6 SITE 8 (Phase 1)
One or more vending machines can be entered by selecting a type from those available or making a copy of an existing one. In the case of several v/m, some files will be repeated for each machine in order to enter the individual identification data.
When the first vending machine file is completed, press Next to continue with the guided procedure.

1) Creation mode:
☒ Selecting an existing type:
☐ Copy of an already installed dispenser
☐ Installation of a V/M
☐ Modification of the installed v/m

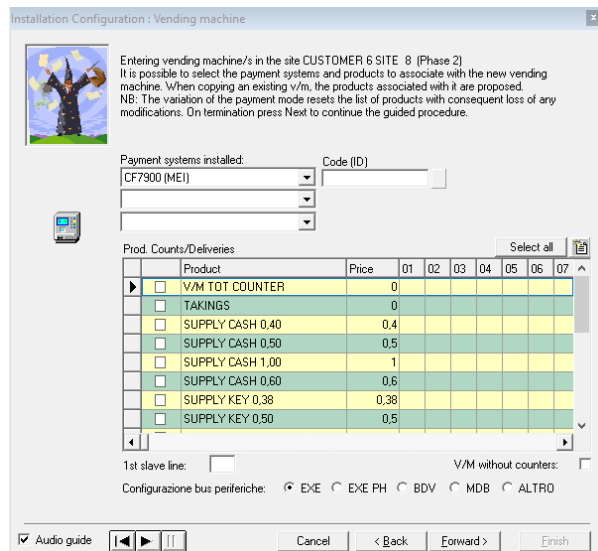
2) Identification data:
Installation Date: 25/06/2019 Quantity: 1
New dispenser ID: Prod. Reg:
Purchase date: Accounts Code:
ID Bank:

3) Installation data:
Calculation of Payments: Sale type: Invoicing:
TO SUPPLIED PRODUCTS PAYMENTS NO: ADMINISTRATION
☐ Installed as loan/lease ☐ Sold to customer Include in the LHA declarations ☐
☐ Retired Issue TDs for Installation/Withdrawal ☐
Location within site:
Tipo Distrib.: FOOD
Default reload interval (days): Check operational every (days):

☒ Audio guide

2 - Then select the payment systems associated with the vending machine, and in the case of systems directly interfaced with GD, enter the ID code and specify if you want to copy the configuration of the lines of the payment system, associating the delivery products with the available lines. In the case of Copy of the dispenser, the payment systems and the original products are set. The line copy check is displayed but if you remove the check it actually deletes the lines copied from the original dispenser and the operator must indicate them manually.

There are the dispensing products available in the type (possibly already ticked) and the columns with the price lines, which if the dispenser has been copied or installed from stock, are valued.



Entering vending machine/s in the site CUSTOMER 6 SITE 8 (Phase 2)
It is possible to select the payment systems and products to associate with the new vending machine. When copying an existing v/m, the products associated with it are proposed.
NB: The variation of the payment mode resets the list of products with consequent loss of any modifications. On termination press Next to continue the guided procedure.

Payment systems installed: Code (ID)
CF7900 (MEI)

Prod. Counts/Deliveries

Product	Price	01	02	03	04	05	06	07
☐ V/M TOT COUNTER	0							
☐ TAKINGS	0							
☐ SUPPLY CASH 0.40	0.4							
☐ SUPPLY CASH 0.50	0.5							
☐ SUPPLY CASH 1.00	1							
☐ SUPPLY CASH 0.60	0.6							
☐ SUPPLY KEY 0.38	0.38							
☐ SUPPLY KEY 0.50	0.5							

1st slave line: ☐ V/M without counters: ☐

Configurazione bus periferiche: ☒ E-XE ☐ E-XE PH ☐ BDV ☐ MDB ☐ ALTRO

☒ Audio guide

If the type of installation provides for it (based on the payments and the presence or not of the account counter in the type of dispenser selected), the price column for the supplies is shown.

There is a button that selects / deselects all dispensing products.

Then select the products and press the Next button.

At the time of transition to the next step, a series of checks on the correctness of the settings are performed, with respect to the basic rules of GD, the type of dispenser and the installation parameters.

Details of the checks that are carried out which generate non-blocking alerts (ie the user can still make configurations that do not respect these rules, but in general these are the correct guidelines).

Two special dispensing products must be specified in GAdmin / General Settings / Automations: the product TAKINGS and the product COUNTER-TAKINGS (conceptually it is like the old Ero hot

drinks with a more understandable name, that is a product that on the hot it is used to record both the deliveries of the meter and the collection bag).

a) dispenser of delivered products

Allowed delivery products (for the management of the return of the bottles)

The BATT product. TOT V/M admitted but not recommended with alert (price not allowed)

Other products not allowed.

b) dispenser with total stops

No product delivery allowed

The BATT product. TOT V/M admitted with mandatory price (if missing it is reported)

No other jokes product admitted

c) coffee gr. bar dispenser

No product delivery allowed

The BATT product. TOT GR CAFFE admitted with mandatory price (if missing it is reported)

No other jokes product admitted

d) water / gas dispenser

no product delivery allowed

The BATT product. TOT GR WATER admitted with mandatory price (if missing it is reported)

no other product allowed jokes

e) dispensing dispenser without c / c (only if the TAKINGS product is indicated in the automations)

If the dispensing products are more than one from an alert and deactivates those in excess.

If the product delivery TAKINGS is missing it gives an alert.

If the product dispensing COLLECTION has a price it gives an alert.

If there are BATTILI products enabled it gives an alert

f) dispensers with c / c dispensing (only if the TAKINGS product and the COUNTER-BUILT product are indicated in the automations). Controls are made based on the number of delivery products present, ie:

0 Products delivery: gives an alert that there must be at least 1

1 Dispensing product: it should be the COUNTER-RECESSED product

Alert if there are beaten products (they shouldn't be there)

2 Delivery products: Normally not advisable situation (one should suffice)

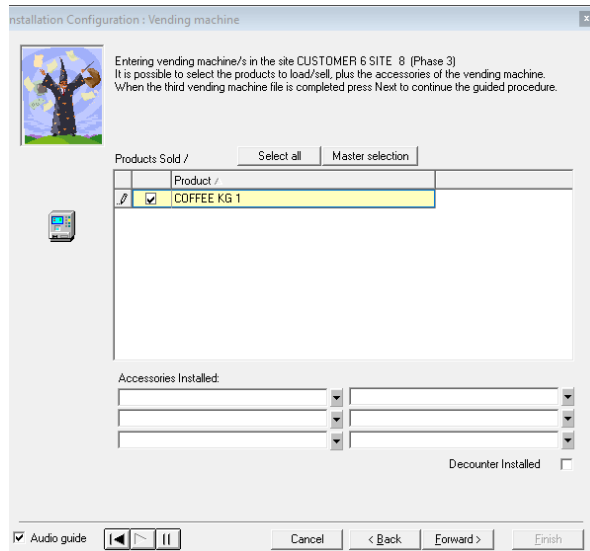
Alert if there are beaten products (they shouldn't be there)

3 Products delivery or more: there should be the product TAKINGS, while there should not be the one COUNTER-BUILT.

The other dispensing products should all have a price

The BATT counter TOT V/M is allowed as a parallel counter to manage the machine's call counters even in the presence of multiple counters detected by the payment system.

3 - Choose the products to be loaded / sold and any accessories of the V/M. For the price column, what was said in the previous step applies. Press the Next button.



Entering vending machine/s in the site CUSTOMER 6 SITE 8 (Phase 3)
It is possible to select the products to load/sell, plus the accessories of the vending machine.
When the third vending machine file is completed press Next to continue the guided procedure.

Products Sold /

Product /
☒ COFFEE KG 1

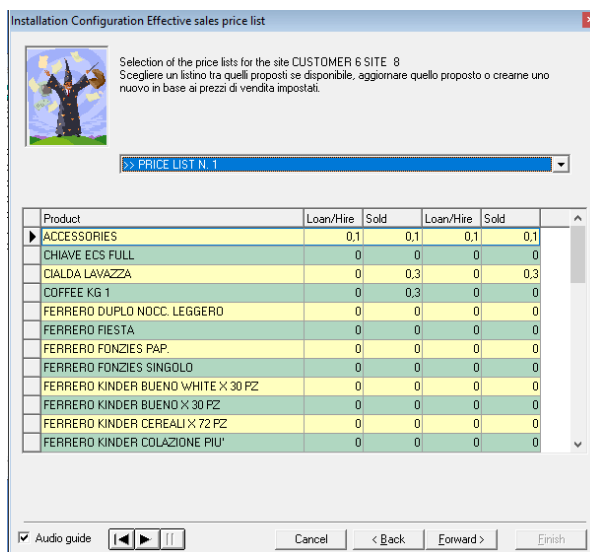
Accessories Installed:

Decounter Installed ☐

☒ Audio guide

Actual sales list

The wizard determines the prices to be used on the site in question, taking into account any V/M already installed and the new one (s), and identifies the Price List / price lists in the archive compatible with those prices.



Selection of the price lists for the site CUSTOMER 6 SITE 8
Scegliere un listino tra quelli proposti se disponibile, aggiornare quello proposto o creare uno nuovo in base ai prezzi di vendita impostati.

>> PRICE LIST N. 1

Product	Loan/Hire	Sold	Loan/Hire	Sold
▶ ACCESSORIES	0,1	0,1	0,1	0,1
CHIAVE ECS FULL	0	0	0	0
CIALDA LAVAZZA	0	0,3	0	0,3
COFFEE KG 1	0	0,3	0	0
FERRERO DUPLO NOCC. LEGGERO	0	0	0	0
FERRERO FIESTA	0	0	0	0
FERRERO FONZIES PAP.	0	0	0	0
FERRERO FONZIES SINGOLO	0	0	0	0
FERRERO KINDER BUENO WHITE X 30 PZ	0	0	0	0
FERRERO KINDER BUENO X 30 PZ	0	0	0	0
FERRERO KINDER CEREALI X 72 PZ	0	0	0	0
FERRERO KINDER COLAZIONE PIU'	0	0	0	0

☒ Audio guide

Keep in mind that: The price list set as proposed, if still valid because there have been no changes to the prices or in any case does not require changes (because maybe other products have been chosen with the new dispenser but at the price already present in the same price list) is indicated as preferential (symbol >>) and default setting.

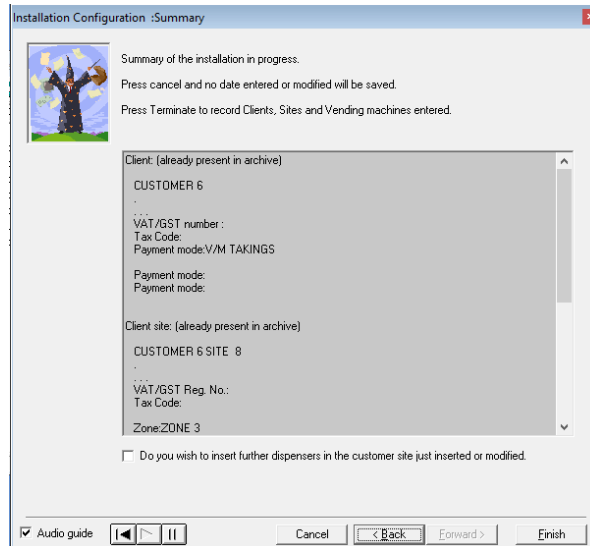
If, on the other hand, the price list set as proposed requires changes, an item will be displayed in the price lists REFRESH PRICE LIST ... (obviously modifying the price list you will have to be careful checking which other customer sites will be influenced by the same price list).

It is also possible to create a new price list directly from here with the item CREATE NEW LIST with the prices required for the site in question.

Summary

At this point in the summary all the data entered are listed before registering by pressing Finish.

If you wish to install additional dispensers of different types on the Customer Site, select the appropriate box "I want to install additional dispensers ..." and press Finish. The wizard will reposition itself automatically from the first insertion phase of the dispenser, and it will be possible to continue the insertion. In any case, each time the End key is pressed, the data entered will be recorded, so pressing Cancel after entering a first block of dispensers will not only record the machines of the last round.



Logic of price lists

GD allows to manage a theoretically infinite number of price lists, at the limit even one for each customer site. Obviously, according to the situation, it will be preferable to set a general price list and any custom price lists applied to particular customers. Alternatively, 3 or 4 price lists could be defined with different price levels without creating ad hoc price lists per customer.

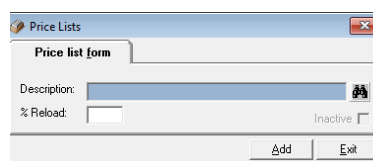
Not all price lists must obviously contain the price of all products. For each product a rental price can be entered (applied when products are managed on machines installed by the dispenser), a price for sales (applied for machines sold to customers and which are therefore owned by them) and a price company (see the [logic of company price lists](#)). The prices in the price lists are understood to include the relative tax rate (administration or invoicing) and are in any case differentiated, even if the same rate is used for the two types of tax regime.

Each list is identified by a description. To insert a price list go to the Customers menu and call up the item Name lists. Once the List Name has been created it is possible to enter the prices in the price list by going to Sales Lists, accessible from the Customers menu. The price list is assigned to the customer site, in the List tab, here it will be possible to view the name of the price list assigned to the customer and the list of products, which have a price in the price list and which are enabled on the dispenser installed on the customer site.

To facilitate the compilation of the price lists it is possible to use the function **Copy GD elements** to copy the sales lists and the function **Multiple price lists setting** that allows the variation and / or the insertion of the list prices for each product. These functions are accessible from the GD Admin Management menu.

Name

Lists The List Lists table, accessible from GD's Customers menu, allows you to manage the denominations of the price lists, or the description that allows you to identify the prices of one list from another.



To *add* a denomination simply type in its name and press Add.

To *modify* or *consult* a denomination, go to the Description field and call up the item of interest. Press Edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

Description: Key field to search for the names of sales lists. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

Entering * OFFICINE you get all the names that contain the text "OFFICINE" in the description.

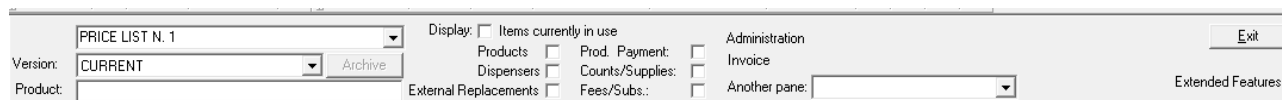
% Reload: mnemonic field, for GD it is meaningless, it is only used by the user to remember the mark-up percentage applied to the selected price list.

Sales

Lists Allows you to manage product price lists based on the List Names entered. Prices are inclusive of VAT. The columns refer to two price groups: those relating to the *administration* and those relating to the *billing* of the service, both with relative tax rate. Each price group has a price relative to the *supply of product on machines given on loan or on loan* (ie machine owned by the operator) one relating to the *supply of product on sold machines* (ie machine owned by the customer) and a *company* (see [logic of company price lists](#)). You can create as many lists as you want, and you don't need to enter all the items in a list, but only those actually used.

It is possible to view the entire price list or choose to display, by means of the appropriate selection boxes, only the product groups of interest. It is also possible to filter a single product.

The price change is performed directly on the grid and becomes operative at the next created route.



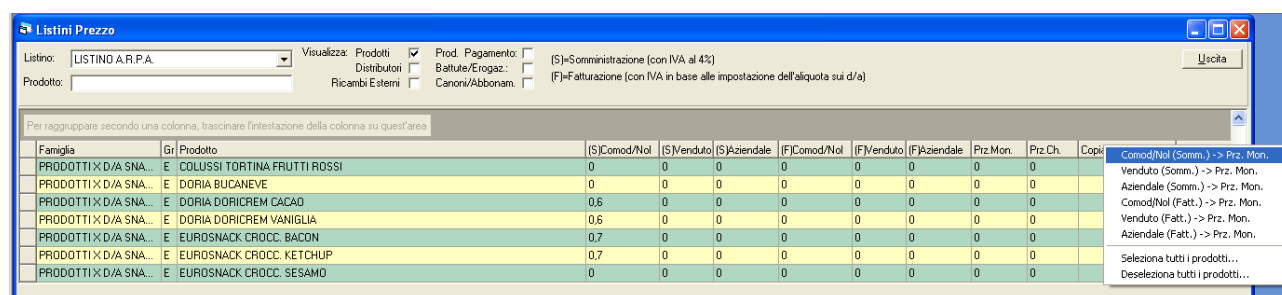
Memorize in the price lists of the coin price and the key

price The prices in the GD price lists are usually set based on the operating logic of the program and on the needs of programming the payment systems rather than for actual commercial needs. To facilitate the work of the salesman and also to allow the shipper to have a quick display in the terminal of the sales prices of the various references, two additional columns have been included in the price lists (Monetary Price and Key Price) which can be freely filled in without taking into account technical requirements and without any constraint. This information is also transferred to PDAs.

On GDAdmin, in the printout of the lists it is possible to choose to print only the Moneta Price and the Key Price.

On the client site you can view the normal GD prices (Standard) or alternatively only the two new columns for commercial use (Commercial). The choice can be made at any time by the operator, while the default display at the opening of the customer site list folder is chosen based on the role of the operator who is working in GD (if he has any commercial job indicated in the role he is chosen the commercial display, otherwise priority is given to the standard display).

If desired, you can copy the values of any column of the list into the new field of the Money Price. To activate the option it is necessary to display the list by clicking on the display button while keeping the CONTROL key and the SHIFT key pressed.



Famiglia	Gr/ Prodotto	(S)Comod/Nol	(S)Venduto	(S)Aziendale	(F)Comod/Nol	(F)Venduto	(F)Aziendale	Prz Mon.	Prz Ch.	Copi
PRODOTTI X D/A SNA...	E COLUSSI TORTINA FRUTTI ROSSI	0	0	0	0	0	0	0	0	
PRODOTTI X D/A SNA...	E DORIA BUCANEVE	0	0	0	0	0	0	0	0	
PRODOTTI X D/A SNA...	E DORIA DORICREM CACAO	0.6	0	0	0	0	0	0	0	
PRODOTTI X D/A SNA...	E DORIA DORICREM VANIGLIA	0.6	0	0	0	0	0	0	0	
PRODOTTI X D/A SNA...	E EUROSNAK CROCC. BACON	0.7	0	0	0	0	0	0	0	
PRODOTTI X D/A SNA...	E EUROSNAK CROCC. KETCHUP	0.7	0	0	0	0	0	0	0	
PRODOTTI X D/A SNA...	E EUROSNAK CROCC. SESAMO	0	0	0	0	0	0	0	0	

This determines the display of a further column ("Copy Prz. Mon.") which indicates which rows of the list will actually be Copy in the Currency Price field. When the mask is opened, all the columns are checked for which at least one price has been included in the price list.

To make the copy, simply click on the header of the "Copy Prz. Mon." and choose the column to be copied from the desired menu, choosing from the six available.

After GD confirmation, it will copy for all the lines that have the active check in the "Copy Prz. Mon." column the listed list value.

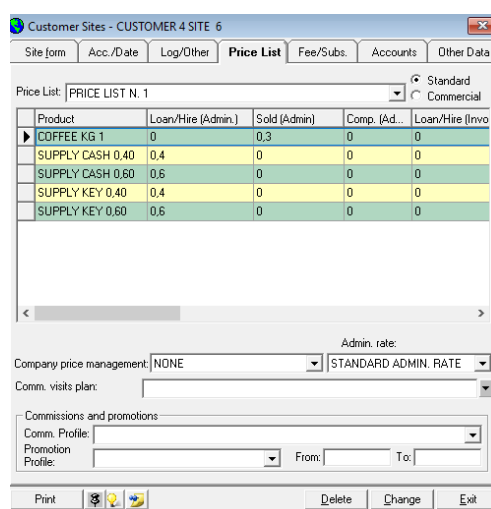
Memorization of the modification of the price lists

Any column of the price list is changed, GD stores the date and time of the last variation and the operator who performed it.

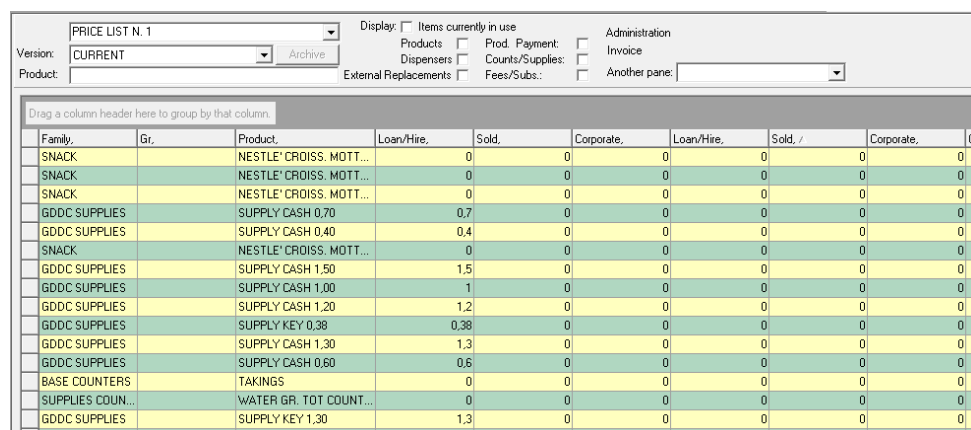
This information can be deduced from the relative printout of the price lists in GDAdmin, choosing show last change datelists Once

Assigning the sales

the price list has been created and the prices for the products have been assigned, the price list can be assigned to the customer, entering the Customer sites tab, Listino folder, here it will be possible to display the name of the list assigned to the customer and the list of products, which have a price in the list and which are enabled on the dispenser installed on the customer site.



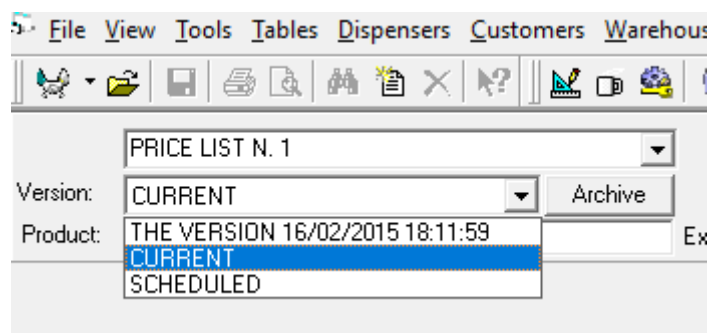
Management of price list versions



If desired, from ver. 5.7B of GD, it is possible to archive the price lists and program a configuration of the planned price list that can be applied at the appropriate time. The current version of the price list can be archived at any time via the Archive button, and any historicized version can be retrieved

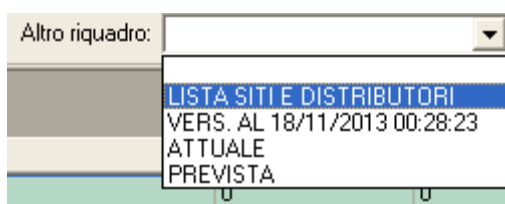
for verification. When updating the database GD records a first version of the current price lists, with the date and time of the update.

In addition to the historicized versions, it is possible at any time to display a special version called "Scheduled" which allows you to set the list prices that will be applied later. When it is desired, it is possible to have the planned version become current, while the current version is automatically archived.



Display of two panels available at the same time

It is also possible to view two different versions of a price list or alternatively, in the second panel, immediately see the customer sites and dispensers that use the selected price list. The second box is for consultation only, however the space dedicated to the two panels can be customized as desired through the resizing bar.



It should be noted that the contents of the second frame can be changed even without changing the display of the main panel, so as to be able to make all the necessary comparisons without interrupting any price setting work.

Visualizza: ☐ Elementi attualmente in uso

Versione: 6 LISTINO AZIENDE

Prodotti ☐ Prod. Pagamento: ☐ (S)=Somministrazione (con IVA al 4%)
 Distributori ☐ Battute/Erogaz.: ☐ (F)=Fatturazione (con IVA in base alle impostazioni dell'aliquota sui d/a)
 Riscatti Esteri ☐ Canoni/Abbonam. ☐ Altro riquadro: PREVISTA Funzioni estese ☒

Per raggruppare secondo una colonna, trascinare l'intestazione della colonna su quest'area

Famiglia	Gr	Prodotto	(S)Comod/Nol	(S)Venduto	(S)Aziendale	(F)Comod/Nol
SNACK.DOLCI	H	RS CANNOLO DI RISO (30)	0,6	0	0	0,6
SNACK.DOLCI	H	RS CHICCO MERENDA (32)	0,6	0	0	0,6
SNACK.DOLCI	H	RS CIOCCO E RISO (36)	0,6	0	0	0,6
SNACK.DOLCI	H	RS COCCO DREAM (36)	0,6	0	0	0
SNACK.DOLCI	H	RS GEMMA DI RISO (30)	0,5	0	0	0,5
SNACK.DOLCI	I	BA BAIOCCHI (60) 6	0,8	0	0	0
SNACK.DOLCI	I	BA GC SNACKBISC ASSORTITI (72) 6	0,8	0	0	0,8
SNACK.DOLCI	I	BA RINGOAL (72) 6	0,5	0	0	0
SNACK.DOLCI	I	BAU BUONDI* (8)	0,7	0	0	0,7
SNACK.DOLCI	I	FA PLUM CAKE (30)	0,8	0	0	0,8
SNACK.DOLCI	I	FA RAVIOLO (36)	0,6	0	0	0,6
SNACK.DOLCI	I	FA TORTINA (36)	0,8	0	0	0
SNACK.DOLCI	I	FA TRAN. CROST. (36)	0,6	0	0	0,6

Per raggruppare secondo una colonna, trascinare l'intestazione della colonna su quest'area

Famiglia	Gr	Prodotto	(S)Comod/Nol	(S)Venduto	(S)Aziendale	(F)Comod/Nol
SNACK.DOLCI	H	RS GEMMA DI RISO (30)	0,5	0	0	0
SNACK.DOLCI	I	BA BAIOCCHI (60) 6	0,8	0	0	0
SNACK.DOLCI	I	BA GC SNACKBISC ASSORTITI (72) 6	0,8	0	0	0
SNACK.DOLCI	I	BA RINGOAL (72) 6	0,5	0	0	0
SNACK.DOLCI	I	BAU BUONDI* (8)	0,7	0	0	0
SNACK.DOLCI	I	FA PLUM CAKE (30)	0,8	0	0	0
SNACK.DOLCI	I	FA RAVIOLO (36)	0,6	0	0	0
SNACK.DOLCI	I	FA TORTINA (36)	0,8	0	0	0
SNACK.DOLCI	I	FA TRAN. CROST. (36)	0,6	0	0	0

Displaying only the products in use

It is possible to view products that are enabled in the sites that use the specified price list, by selecting the appropriate check at the top next to the name of the list itself. A further improvement of this version is that the selections set in the filter of the price lists are maintained as well as the possible enabling of extended functions.

Extended functions for the management and modification of commercial prices

. A series of extended functions are also available for the calculation / updating in bulk of the key price and currency of the commercial price list. The mechanism used is to calculate the new prices using a criterion similar to that described above for the price revision in GDAdmin, and it is possible to apply it to all the selected prices or only to those that have a certain value. It is also possible to copy any price from GD's work to the Prz.Mon column. Some functions were already present in GD, while that of multiple price variation was added.

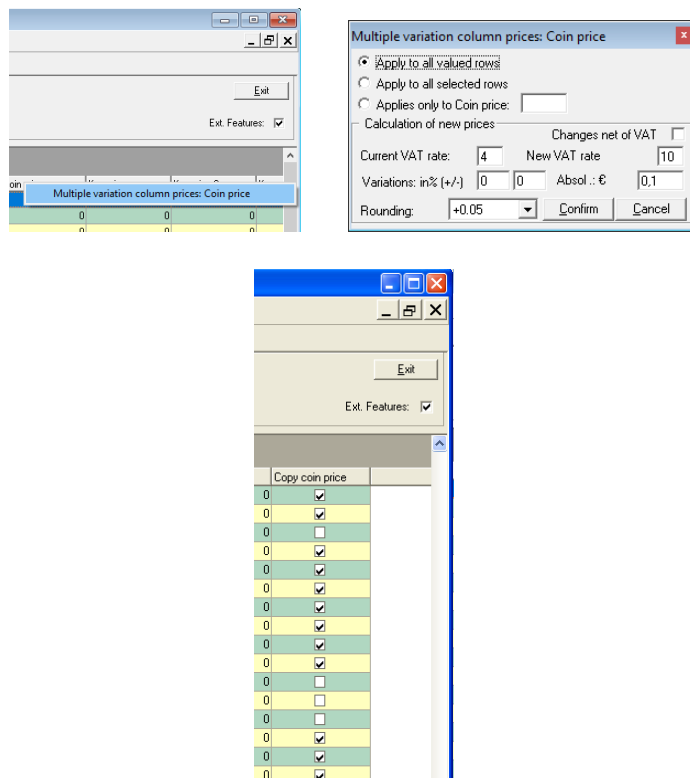
To activate the extended functions, simply check the appropriate item or press the CTRL + SHIFT key combination as before, while clicking on Open. In this way an additional column is made visible which allows you to select the various rows of the price list, and any row has at least one price valued is actually selected. The selection can be used to copy the coin prices from any of the GD job prices (for this see the GD manual or the update bulletin 5.2)

Thanks to these new functions it is possible, by clicking on the header of the Prz column. Mon and Prz.Chiave, access the "Multiple column price change" menu through which it is possible to display a panel for changing the Coin Prices or the Key Prices with three different options for selecting the rows on which to operate the price change; in particular it is possible to:

- Apply the variation to all the lines valued
- Apply the variation to all the selected lines
- Apply the variation only to the rows that have a specific price

The variation applied can be calculated, as usual, net or gross VAT, specifying variations in percentage and / or absolute value, and finally indicating the possible rounding.

Pressing Confirm the prices are immediately changed and the modified lines are selected for a quick identification.

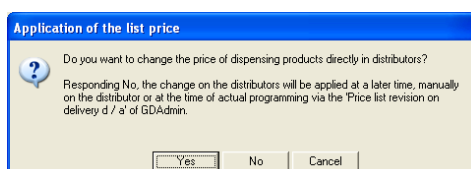
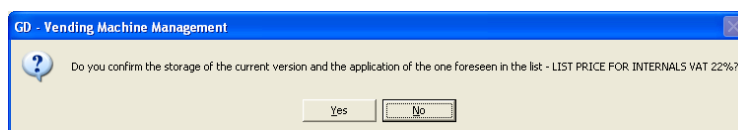


The image shows two screenshots of a software interface. The top screenshot displays a dialog box titled "Multiple variation column prices: Coin price". The dialog has three radio buttons: "Apply to all valued rows" (selected), "Apply to all selected rows", and "Applies only to Coin price:". Below these are fields for "Current VAT rate:" (4), "New VAT rate:" (10), and "Variations: in% (+/-):" (0). There are also fields for "Absol.: €" (0.1) and "Rounding:" (+0.05). Checkboxes for "Changes net of VAT" and "Ext. Features:" are also present. "Confirm" and "Cancel" buttons are at the bottom. The bottom screenshot shows a table with a column labeled "Copy coin price" and a series of rows, each with a checkbox. Most checkboxes are checked, indicating the application of the variation.

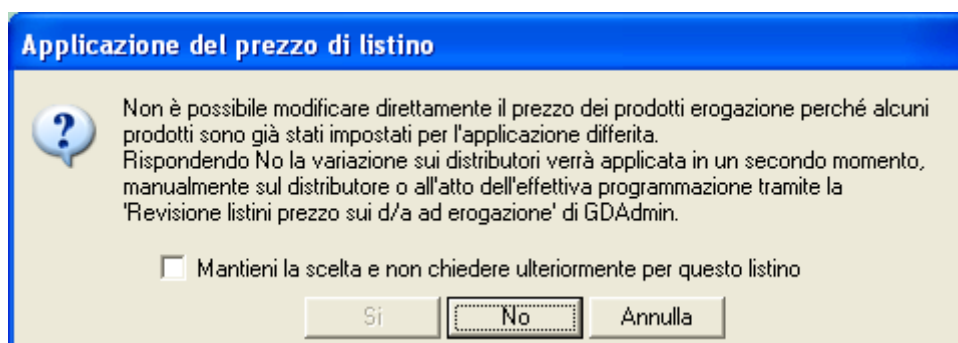
Variation of the prices of the supplies and application on the V/M

When a list price of a non-fixed price supply is modified (both in GD and in GDAdmin in the multiple modification of the list prices), or when the Predicted Version of the list is applied on the Current, you are asked if the change to the dispenser's prices should be applied immediately. If you answer Yes GD - Vending Machine Management behaves as always, that is, update price list and dispensers immediately. If, on the other hand, No is answered, the price list is modified but the variation on the dispensers must be subsequently applied by the dispenser's registry and the changes will be prepared in the 'Price revision and configuration of dispensing dispensers'. If you answer Cancel the change is canceled.

In the management of the price list in GD, if you want you can keep the choice made between the two modes for all subsequent changes to the same price list, to avoid that the application is repeated with each change.



Obviously if you make a change to the price with immediate application, the price can be changed as much as you want. If you proceed by answering No (therefore you request that the change be applied subsequently to the dispensers) and then you try to re-edit the price itself, it will not be possible, at the next box, to apply the change immediately but the variation will remain deferred and the price will remain. applying later will still be updated.

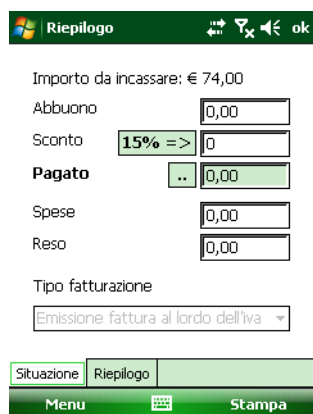


The list lines already modified that affect dispensers installed until the change is applied to all id / a, will be highlighted in blue.

Famiglia,	G.	Prodotto,	(S)Comod/Nol,
EROGAZIONI CALDO	V	EROG CH.21 CAFFE'	0,5
EROGAZIONI CALDO	V	EROG CH.22 SOLUBILE	0,5
▶ EROGAZIONI CALDO	V	EROG CH.23 BICCHIERE	0,55

Discount management

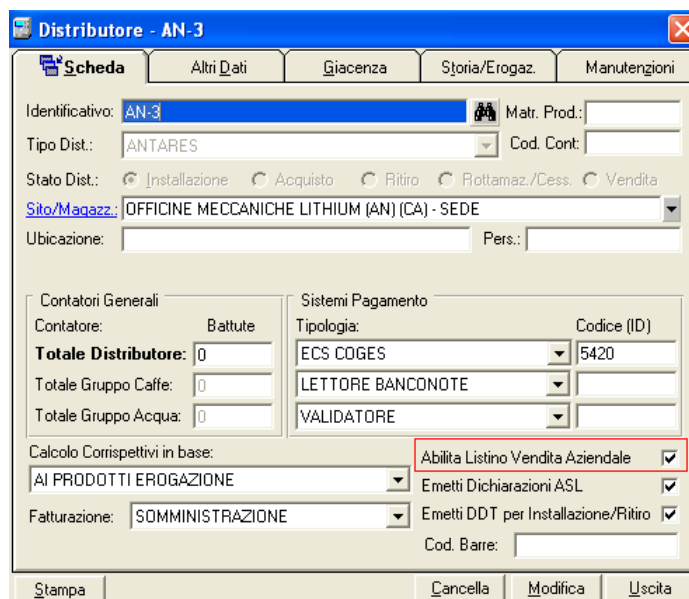
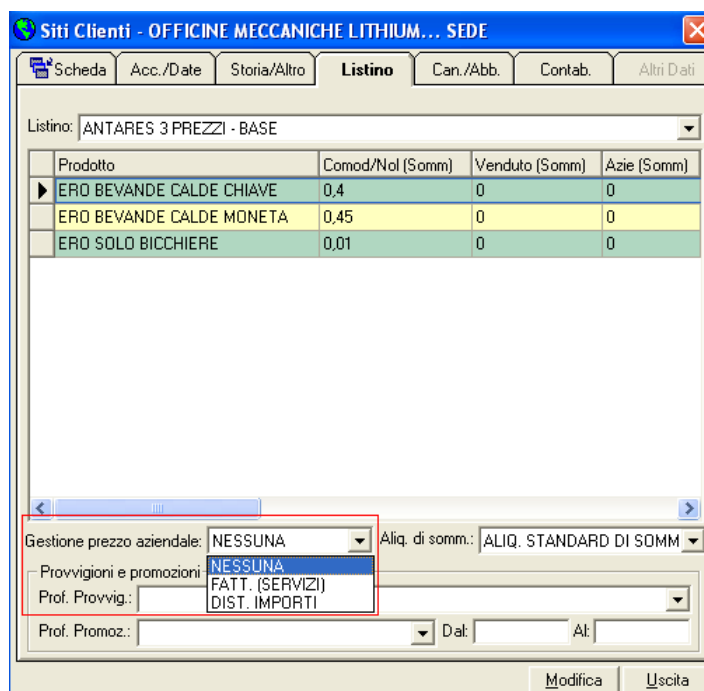
Although the logic of the price lists is much more effective for a correct management, GD also provides the possibility of entering a percentage discount directly on the handheld on each single product line delivered. Normally the discount is entered by the operator in the field, but from version 5.5 the discount entered in the customer's data sheet is transmitted to the terminal and can be applied by the operator by pressing the appropriate button located in the accounting summary just next to the discount field.



Logic of companylists

The price list allows a second price to be managed for each product, which can be used in two ways: to manage the controlled prices of the drinks or to calculate any amounts due defined in the management contract (each delivery made by the machine the vending company must pay a certain amount to the customer).

To enable the use of the company price list it is necessary to activate the appropriate option in the dispenser tab and specify in the Price List folder of the Customer Site tab the use of the company price list (the service invoice or amounts list item will be enabled depending on the use that you want to do with the company's price list).

Prodotto	Comod/Nol (Somm)	Venduto (Somm)	Azie (Somm)
▶ ERO BEVANDE CALDE CHIAVE	0.4	0	0
ERO BEVANDE CALDE MONETA	0.45	0	0
ERO SOLO BICCHIERE	0.01	0	0

In some cases in relations with relatively large companies, it may happen that the vending company installs dispensing machines in which the price of the consummation is "political": the consumer pays part of the cost - consumption and the company, by means of invoices which are issued by the management at monthly intervals (or less), pay the difference. In this case the price paid by the consumer must be entered in the Rental price list, while the part paid by the company will be in "Company". By means of the specific item Company payments from the Management / Billing menu it is possible, when desired, to issue the relative invoices.

If the company price list is managed to summarize the amounts to be given to the customer, it is possible at any time to print a report of the due from the Company Reports item in the Management / Billing menu.

Use of the Company price list based on a percentage on the collection

In general, the amounts of company invoices and company reports for traditional dispensers are calculated based on the price of the dispensing products or products sold, in GD it is also possible to

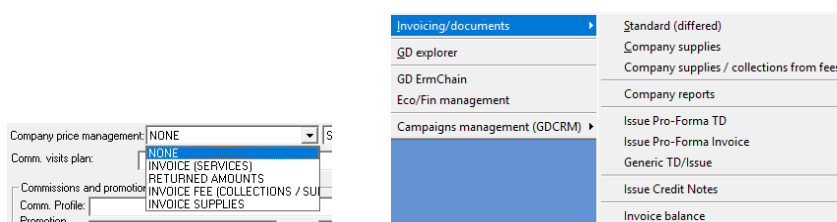
have the calculation also as a percentage of the amount received: to obtain it, it is sufficient, as already happens for the dispensing products, to set the desired percentage in the Company column of the product TAKINGS of the price list used by the customer site.

The wording displayed on the print can be customized by the opt. C of the General Settings of GDAdmin (Issuing documents).

Management of the company column of the price list and use

In addition to issuing company invoices (the client's company pays part of the payment) or to draw up separate amounts that may be requested by the customers, the company price column can be used to issue invoices for the payments received (or supplies made if the customer so requests) but in any case relating to amounts already paid or finally, to manage the invoicing of actual payments that the customer pays on the presentation of an invoice of the loan.

The use depends on the setting of the corporate price management field, while the issue of invoices (or bill) is carried out by the functions present in the billing menu.



Corporate price management: Bill of quantities

Issue from GD / Management / Billing of documents / Company reports

There is no issue of invoice or different receipts: the bill serves to provide the customer with a summary of the supplies with their price (indicated in the company column of each delivery product) By entering a value in the collection product line, it is considered as a percentage of the receipt and that is reported in the bill.

GD:

Through the appropriate function produces the amounts

bill in the statistics of GDAdmin:

No change compared to the standard

Management of the corporate price: Fatt. Size Match. (Receipts / Payables)

Issuing from GD / Management / Billing documents / Erog. Corporate / Collections from Corr.

The same function generates invoices for collection (A) or for payments (B), based on which products are valued in the company price list.

Case A - the company price is specified only for the product

traditional Vending built-in; the client company requests an invoice for the certification of the consideration paid an invoice for the amounts paid

The management operates in traditional vending mode, collects and counts bags, and issues based on the percentage indicated

Case B - the company price is specified for the various delivery products

An invoice is issued that shows the supplies with their corporate price without generating a Da Pagare. It is only confirmatory. The receipt when it is received puts it in a bag and counts it: invoice and collection, especially if the sale is by key, never coincide

GD: - It

issues an invoice to the customer for the collection percentage indicated in the company column for the product Collected o sub-meter / collection

-It does not generate Da Pagare because they are payments already collected / or payments whose consideration has already been received

Management of the corporate price: Fatt. Supplies

Issue from GD / Management / Billing documents / Company supplies

The function that issues the invoice is the same as for company supplies.

In this type of management, the customer keeps the receipt from the dispenser, which can be used to load keys or for drinks. The management at the end of the month issues an invoice of the sold which shows the bill of supplies and the customer pays it to him in the agreed manner.

With the invoice a Da Pay must be generated which will be offset by the payment of the invoice. In practice, the customer only pays what he consumes as he consumes it. Therefore, if the keys are recharged, in fact, since only the sold amount is invoiced, the vending company will not have any financial benefit since the customer only pays for the sales.

The main consequence is that the payment data of the payment system are only indicative, and the collection is not counted in the office as it remains with the customer.

GD: - It

issues invoice to the company of the supplies detected at the price indicated in the company column for the single supplies -

Generate To Pay for the invoice amount and records in the Paid the invoice collection itself.

In GDAdmin

In addition to the possible value of the supplies detected, the theoretical sale contains in square brackets, the invoiced amount, which will be the actual **amount to Pay** (in the Tot. Perc).

In addition to the eventual value of the actual collections, the data contains in brackets the amount paid for the invoice, which will be the actual **Pagate** (in the Tot. Perc).

The various amounts in the statistics show **square brackets** the values for this particular mode in, so that they can be evaluated without invalidating the other data and without them being considered twice (once as the amount of the Invoice to Pay / Paid and as a Theoretical Sale resulting from the supplies detected). In practice, in the theoretical sale field in braces, the sum of what was invoiced based on the company price list to the customer in question is shown, while in the actual collection column, always between clips, the amount collected at the time of complete payment of the relative invoice.

Even the payment system cashed is reported for completeness, but in fact it does not have a direct relationship with the collection as there are no directly comparable amounts collected.

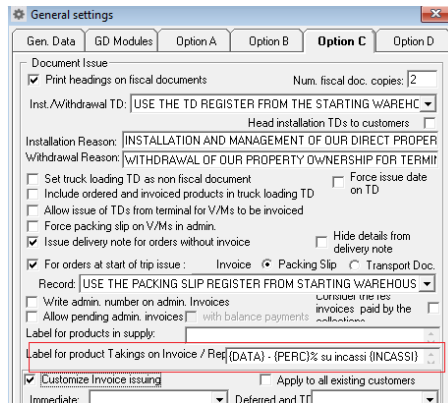
Printx Period

Receipts From 5.9A it is possible for the Invoices of Amounts (Receipts / Payments) obtainable through the specific use of the company price, consider the receipts themselves as payment of the

invoice, thus eliminating the consideration from the list of payments and considering the annotation of the invoice as an actual invoice.

This does not change the management in GD, for which the collection remains a count of the bag for all purposes.

To activate this function, check the box Consider the Factors. Corr. Pay by cash in GDAdmin / General Settings / Options C



The screenshot shows the 'General settings' window with the 'Option C' tab selected. The 'Document Issue' section has 'Print headings on fiscal documents' checked. The 'Inst./Withdrawal TD' dropdown is set to 'USE THE TD REGISTER FROM THE STARTING WAREHC'. The 'Installation Reason' is 'INSTALLATION AND MANAGEMENT OF OUR DIRECT PROPER' and the 'Withdrawal Reason' is 'WITHDRAWAL OF OUR PROPERTY OWNERSHIP FOR TERMI'. The 'For orders at start of trip issue' section has 'Invoice' selected. The 'Record' dropdown is set to 'USE THE PACKING SLIP REGISTER FROM STARTING WAREHOUS'. The 'Label for products in supply' field is empty. The 'Label for product Takings on Invoice / Reg' field is highlighted with a red box and contains the text '(DATA) - (PERC)% su incassi (INCASSI)'. The 'Customize Invoice issuing' checkbox is checked, and the 'Apply to all existing customers' checkbox is unchecked.

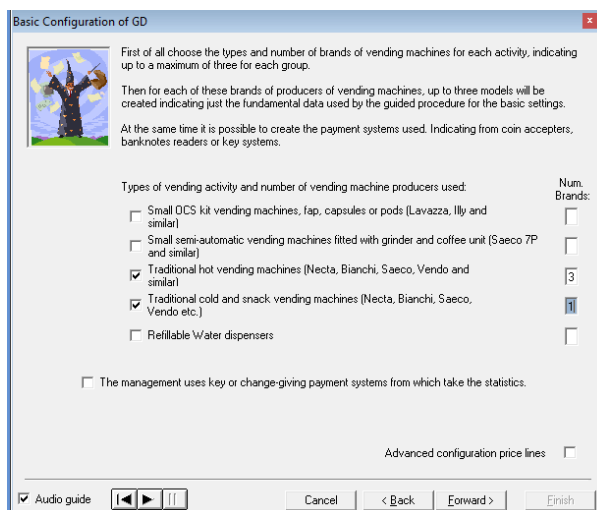
Payment systems logic

The table **Payment Systems**, accessible from the Tables menu of GD, allows you to manage the different types of payment systems. The table is pre-configured based on the settings initially given and contains for each payment system the parameters both for acquiring the data and for their interpretation in GD.

Basic / advanced configuration of the price lines (Basic configuration of GD)

At the initial creation of the payment systems, the standard settings of the most common systems are compiled, which however can be modified from the table of payment systems. In particular, terminal acquisition is set for all IRDA systems while the various converters are set up for the other data collection methods as in the GD Data Collector.

During the initial basic configuration procedure, in the step where the payment systems are set up, it is possible to activate the "*Advanced price line configuration*". If activated, the advanced mode is practically the standard one that has always been present in GD where the types of meters are chosen for the hot and cold machines and assigned to the single dispensers manually; if not activated instead, *thewhole product creation process and if necessary the item in the price list becomes automatic*. Data acquisition from payment systems, in the absence of delivery products combined with the price line, automatically creates them and assigns them to the current price list of the site with the same logic as the GD DataCollector payment acquisition wizard.

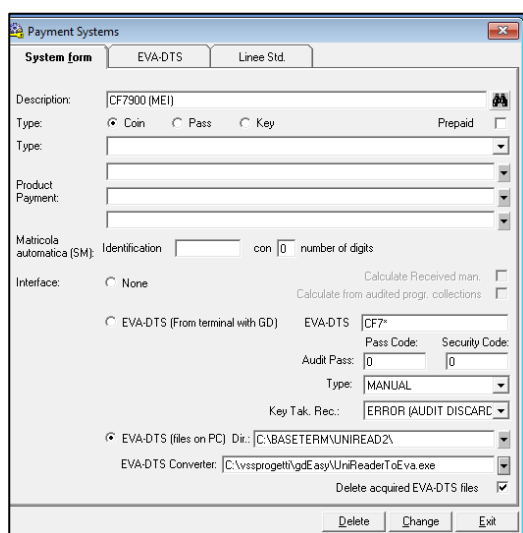


The Advanced configuration is the one always available in GD. However, in order to simplify the operations for the management that begin to use the product and do not have particular price holding configurations or MDB machines, it is also possible to choose the Basic Configuration. In this mode, the association between prices and meters is essentially managed automatically by the system, based on the programmed key / currency price recorded in the statistics.

Choosing the payment systems used in the initial configuration procedures, the table of payment systems is created, which of course can still be managed manually from the Tables menu of GD

Table payment systems

Under the **Description** of this tab you can add / change the type payment system that you intend to use. The Description is the Key field to search for the types entered. It allows you to recall the desired item or a list of types to choose from if two or more items are obtained from the specified search. Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest. Typing * TESSERA obtains all the types containing the text "TESSERA" in the description. To **add** a type of payment fill in the required data and press Add to **change** or **consult** a type of payment, go to the Description field and call up the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to **delete** the entry. The payment system identifies one or more systems managed uniformly by GD for the acquisition and from 2017, the data encryption for sending to the AdE.

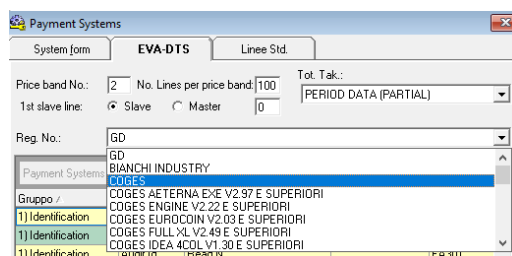



Data interpretation EVA-DTS

GD has always been able to interpret EVA-DTS information in a way that is appropriate for each payment system, to respond to the different interpretations / methods of use of the fields by system manufacturers.

In the past there was a basic configuration that could be customized by the user for his own systems, according to the experience and indications acquired. That configuration is now called the "GD" default configuration, and can still be used by customizing it appropriately, but with the advent of the telematic transmission of the payments, **the various system manufacturers have sent Confida for each system (or group of systems depending on of the situations) a list of the fields to be read in the survey to obtain the values, at least as regards the data required by the AdE.** GD therefore now manages multiple default configurations to be used for the various systems. The correspondence between the values to be sent to the AdE Italian Government Agency and the value of the fields supplied in the EVA-DTS track is therefore and will be more and more frequently provided by the system manufacturer, however today it may require customizations in specific cases.

Just as the EVA-DTS interpretation has always been used in the Acquisition of readings data, in GD also the compilation of the XML file sent to the AdE Italian Government Agency by the terminal / smartphone occurs according to the rules specified here in the configuration of the payment system, which they are based on Default configurations provided by the manufacturers and which, when available, are integrated and released in GD updates.

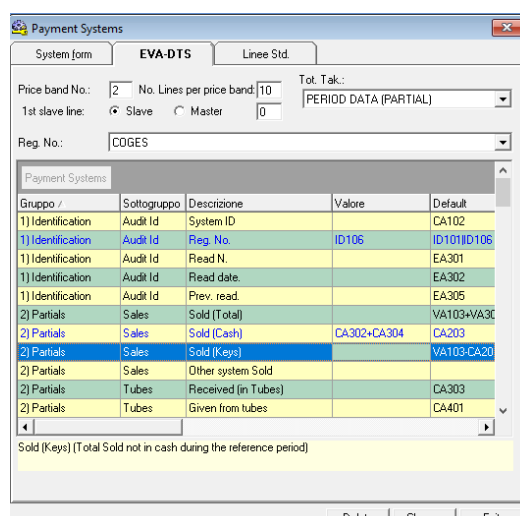


In any case, we advise you to check the data relating to the main fields sent to the AdE Italian Government Agency for each type (or combination) of the system you use; taking into account that these are tax data, the use of the default configurations provided by the manufacturers is not mandatory, but it is strongly recommended, however we have found particular case studies to manage.

The other entries in the Config. List Default, however, can be customized by entering them in the Value column. In any case it is possible to modify the fields from which the statistical values will be extracted according to need, with respect to the default; keep in mind that, to immediately understand what data is modified with respect to the default, the differences between the default fields themselves and the value entered by the user are now highlighted with different colors:

- in blue for all the possible variations with respect to the GD scheme (in the screen below the field “Collected (in box) and not transmitted to the AdE
- in red, if one of the specific defaults made available by the system producers has been chosen, and the inserted variation is on the data that are sent to the AdE, the line is highlighted in red (for example, the Serial number field)

This allows you to pay even more attention to the variations that affect the data transmitted to the AdE, which must be done after specific paymentdback and on the responsibility of the operator.



NB: As is known for the transmission of payments to the AdE, it is necessary to read directly from the payment system instead of using collection tools such as Databox and the like, which were then downloaded to the PC. This can lead to different default values in the EVA-DTS fields for systems that previously, being detected with the same type of key or databox, were uniform (as they are uniformed by the sampling system at the time of conversion to EVA-DTS).

NB: ADE Italian Government Agency Systems: For example, in the past the statistics from the Compas, Zip and Mizip systems were often collected with Maxikey and then downloaded to GD through the appropriate converter. This approach meant that the data were somehow standardized between the various models. With the advent of direct detection with the handheld / smartphone, however, if you have all the types of systems in question, you **may need to create a different entry in the table of payment systems in GD for each of them as the fields where to go to find the various information necessary for the ADE Italian Government Agency may change depending on the model.** Contact the manufacturers and possibly GD assistance for any specific needs.

NB Paytec Systems: It is particularly important to choose the default "Paytec Multirevision" configuration for Fage / Paytec payment systems, as for these systems, the interpretation of the data is made dynamically based on the content of the file, as indicated by the producer

New Total fields from initialization

From version 6.2 GD also manages the Total fields from the Initialization, which, if supplied by the master payment system and therefore present in the EVA-DTS file, are evaluated and stored reading for reading. data, considering the increase of the fields memorized and therefore displayable, the fields have been grouped in a grid and organized in homogeneous groups, and it is possible to visualize them as desired,

summarizing therefore from the 6.2 version the data of the payment systems are extended for to be able to manage all the required fields in the file to be sent to the ADE Italian Government Agency .. Basically the fields added are the fields not Resettable (also called Cumulative or Total of the system) that GD had available in the EVA-DTS but which it did not manage separately.

New Field Collected Tot. (Acceptor)

The most important new field added is called "Incassato tot. (acceptor) "which shows all the money collected in the sense of the acceptor *past by the* and not, as the field collected always present in GD, the one that is sent in the box. The introduction of this field was necessary to comply with the provisions of the law, even if in fact, the field collected in GD remains the original one or corresponds to the currency sent in the box, and is the one that is usually used for comparison with counted receipts (as known in key systems, as there are no tubes to be recharged, the two fields are equivalent)

List of EVA-DTS data managed by GD

For the sake of clarity the statistical fields managed were organized and divided into groups. The fields with an asterisk on the side are those that, if available, must be transmitted to the AdE,

ID

IDs System Detect

Serial number *

. N. *

Date Ril. *

Data Release Prev *

Partial

Collections ReceivedReceived
(in box)

tot. (acceptor) *

Collected x recharge keys *

Collected x sale *

Collected by other system

Sales

Total*

Sold cash *

Sold keys *

Sold by other system

Pipes

Recessed in the pipes *

Returned from the pipes *

Manual loading in the pipes *

Manually dispensed from the pipes *

Value in the pipes

Lines Line

code

Priceline

Batt. line

Other

Cashed-in premium

No-sales Sale

at exact amount

Sold bonus

No sales bonuses

Reload keys with bonus

No coins in cash

Val. coins in checkout

No. notes in cash

Value banknotes in cash

Key discounts

Sales outside the table

Total

Collections

Cashed (in box)

Cashed tot. (acceptor) *

Collected x top up keys *

Collected x sale *

Sales

Sold Total *

Sold cash *

Sold keys *

Pipes

Recessed in the pipes *

Returned from the pipes *
Manual loading in the pipes *
Manual supplied from the pipes *

Categories (Partial)

These are additional fields (relating to Sales, Refills and Other) linked to the management of sub categories of data from the payment system, always present in GD and not modified; they also allow you to manage customized information specific to the system manufacturer.

Transmission of partial or total data (cumulative)

If the payment and detection system supplies them, GD manages both partial and total data of each survey; however, the ADE Italian Government Agency requires that only one of the two data blocks be transmitted. For each type of payment system it is possible to decide whether GD transmits the partial data, the total cumulative data or whether to establish it at the level of the single master system (see the specific paragraph). It should be noted that in the latest technical specifications the ADE Italian Government Agency has changed position with respect to what was previously communicated, so the preference goes towards the total data (cumulative) and only in the absence of these, it is necessary to transmit the partial ones. For this GD from 6.4A has the default setting of the total data. Not having received further clarifications regarding the procedures for passing on the transmission of data from partial to cumulative, where available the cumulative data themselves, we recommend from now on to set the sending of the cumulative at least for the new systems surveyed, specifying it in the new master systems.

Further information regarding the payment system

Products Payment: Payment related products. These are payment instruments (user keys, top-up keys, cards, etc.) that are sold to the customer or for which a deposit is required. Press ENTER (or type the first letters of the description) to choose the payment product you are interested in.

For each system chosen, GD allowsto be entered in **Review beats and collections** data from payment systems, either manually or via thefunction **payment systems data acquisition**.

In thearea it **Interface** is possible to configureacquisition **EVA-DTS(from Terminal with GD)** (if data is directly taken using a terminal) or **EVA-DTS (file on PC)** (if data is taken from a PC folder).

Check No Finish: zeroing of the payment system and validity of the acquired statistics

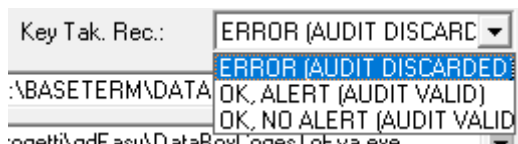
The EVA-DTS protocol provides a series of mechanisms to understand that the transmitted data is correct, a control on the individual blocks transmitted and a final check on the file itself: finally it provides a command called Finish which determines the zeroing of the statistics in the payment system. Unfortunately, over the years and depending on the different devices, the different manufacturers have implemented or not these checks even more or less exhaustively, together with the fact that the Finish command is often not processed correctly, as failure to confirm Finish should render it invalid. the data collection which should then reset the statistics to the first subsequent sale, while most systems in that case have already reset the data.

To overcome these problems and not lose surveys, in addition to the ERROR option (DISCARDED AUDIT) which is equivalent to the standard behavior so far held by GD, we have implemented the

possibility of ignoring the control of the Finish command response, giving or not to the operator a warning message to check that the validator is effectively zeroed.

The option is available for every payment system in GD

- 1) ERROR (Discarded Audit) as it has always been until today: audit not valid (default)
- 2) OK ALERT: (Valid Audit): warns to manually check the zeroing of the coin validator
- 3) OK NO ALERT: (Valid audit): the answer is ignored and the audit is valid



Despite having less control, to eliminate the problem, while waiting for the system manufacturers to implement the protocol correctly, choose the 2nd or 3rd option.

Converter on table Payment systems

Note: The use of converters on a PC is not compatible with sending data to the AdE Italian Government Agency which requires data to be sent directly from the handheld.

The converters are external programs that allow you to read the most common data detection systems (Ad. Eg Coges, Fage, Zip) to transform the available data thanks to non-iRda collection systems in the EVA-DTS format compatible with GD. Further information is available on request and on a case-by-case basis.

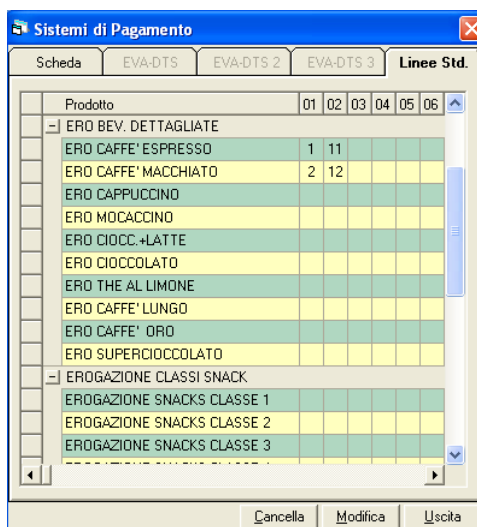
In the EVA-DTS converter item the route where GD searches for the program that reads / converts data is indicated (for example for Zip systems the converter is the program that acquires data from the databox and converts it to EVA-DTS. NB : if necessary you can manually enter the variable% GDSQL% in the route eva-dts converter that at the appropriate time is automatically handled by GD So in EVA-DTS Converter in the table of payment systems we GDSQL%%
 \DataBoxCogesToEva.exe

Selecting the payment system with EVA-DTS interface will also activate the EVA-DTS card that must be completed with a **number of price ranges** and **number lines to priceranges**.

in particular it is necessary to customize them in the event that the payment system can be acquired by GD not is fully in EVA DTS standard.

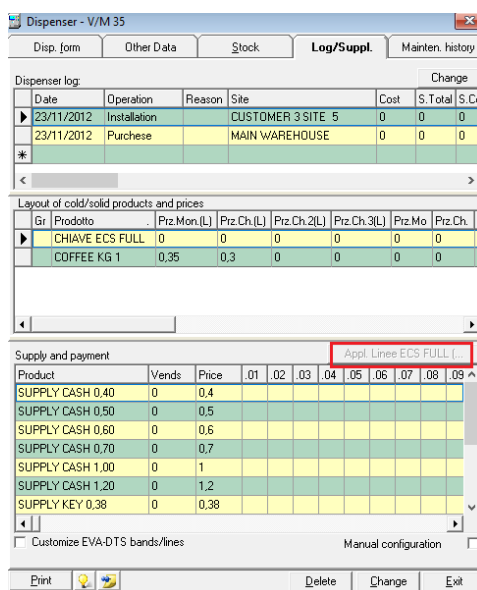
Configuration standard lines

in the folder **standardlines** will display all the counter products supply or price lines created allowing to define a standard configuration for each system that can then be applied (or used as a starting point to be modified later) both in the Installation Configuration function and directly in the dispenser card.



Prodotto	01	02	03	04	05	06
ERO BEV. DETAGLIATE						
ERO CAFFE' ESPRESSO	1	11				
ERO CAFFE' MACCHIATO	2	12				
ERO CAPPUCCINO						
ERO MOCACCINO						
ERO CIOCC. LATTE						
ERO CIOCCOLATO						
ERO THE AL LIMONE						
ERO CAFFE' LUNGO						
ERO CAFFE' ORO						
ERO SUPERCIOCCOLATO						
EROGAZIONE CLASSI SNACK						
EROGAZIONE SNACKS CLASSE 1						
EROGAZIONE SNACKS CLASSE 2						
EROGAZIONE SNACKS CLASSE 3						

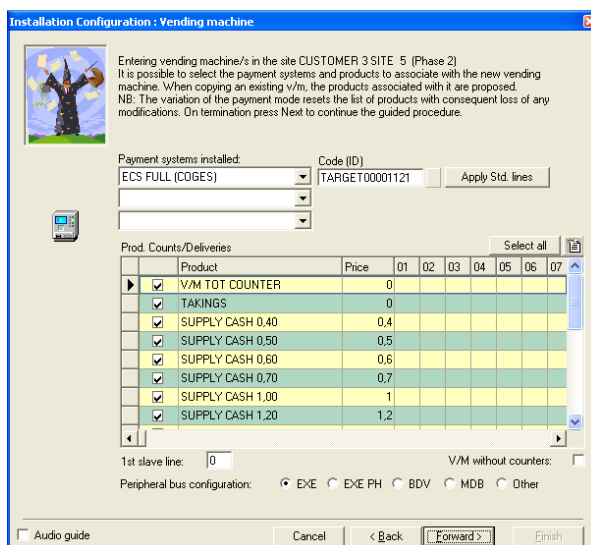
Once the Standard lines folder of the payment systems table, in the tab **dispenser** has been configured, if the payment system configured with the Standard lines has been assigned to that dispenser, the standard configuration of the lines in the various delivery products can be applied by selecting the item **Apply lines ...**



Gr	Prodotto	Prz.Mon(L)	Prz.Ch(L)	Prz.Ch.2(L)	Prz.Ch.3(L)	Prz.Mo	Prz.Ch.
	CHIAVE ECS FULL	0	0	0	0	0	0
	COFFEE KG 1	0,35	0,3	0	0	0	0

Product	Vends	Price	.01	.02	.03	.04	.05	.06	.07	.08	.09
SUPPLY CASH 0.40	0	0.4									
SUPPLY CASH 0.50	0	0.5									
SUPPLY CASH 0.60	0	0.6									
SUPPLY CASH 0.70	0	0.7									
SUPPLY CASH 1.00	0	1									
SUPPLY CASH 1.20	0	1.2									
SUPPLY KEY 0.38	0	0.38									

Once the Standard lines table of the payment systems table, in the **Configured Installation Configuration** has been, if the payment system configured with the Standard lines has been assigned to that dispenser, the standard configuration of the lines in the various products can be applied apply **Apply Std Lines**.



Entering vending machine/s in the site CUSTOMER 3 SITE 5 (Phase 2)
It is possible to select the payment systems and products to associate with the new vending machine. When copying an existing v/m, the products associated with it are proposed.
NB: The variation of the payment mode resets the list of products with consequent loss of any modifications. On termination press Next to continue the guided procedure.

Payment systems installed: Code (ID):

Prod. Counts/Deliveries

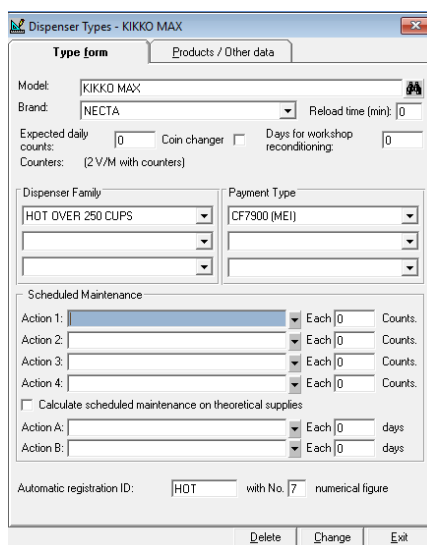
Product	Price	01	02	03	04	05	06	07
☒ V/M TOT COUNTER	0							
☒ TAKINGS	0							
☒ SUPPLY CASH 0.40	0.4							
☒ SUPPLY CASH 0.50	0.5							
☒ SUPPLY CASH 0.60	0.6							
☒ SUPPLY CASH 0.70	0.7							
☒ SUPPLY CASH 1.00	1							
☒ SUPPLY CASH 1.20	1.2							

1st slave line: V/M without counters: ☐

Peripheral bus configuration: ☒ EXE ☐ EXE PH ☐ BDV ☐ MDB ☐ Other

☐ Audio guide

In the type table dispenser it will be possible to set the payment system, in the area related to the Type of payment, which will facilitate the assignment of the payment system to the creation of a new dispenser.



Model:

Brand: Reload time (min):

Expected daily counts: Coin changer: ☐ Days for workshop reconditioning:

Counters: (2 V/M with counters)

Dispenser Family: Payment Type:

Scheduled Maintenance

Action 1: Each Counts.

Action 2: Each Counts.

Action 3: Each Counts.

Action 4: Each Counts.

☐ Calculate scheduled maintenance on theoretical supplies

Action A: Each days

Action B: Each days

Automatic registration ID: with No. numerical figure

Then it will be possible to set the payment system, also on the card of the single dispenser, assigning the type of payment system and entering the ID code (scrub code) of the single payment system.

Acquisizione dati da Sistemi di Pagamento									
SISTEMA ZIP-COMPAS (EVA-DTS)		Euro		Disabilita controllo linee prezzo GD / Sistema di pagamento					
Voce	Valore	N.	Batt.	Prezzo	Prodotto				
SISTEMA ZIP-CO	(data 30/06/2007 EVA-11)	01	2	0,05	ERO BICCHIERE				
Orologio	25002	02	122	0,3	ERO BEV. CALDE MONETA 0,30				
MATR.	001	03	39	0,4	ERO BEV. CALDE MONETA 0,40				
Rilevazione Num.	000	04	0	0					
Prelievo dati del	23/01/2007 11:51	05	0	0					
Prelievo preced.	15/01/2007 12:25	06	0	0					
Distributore	K000000002 NAW KIKKO	07	0	0					
Sito Cliente	FRONTO SOCCORSO	08	0	0					
Percorso Effettivo	2732	09	0	0					
Operatore	VENDITA/CONSEGNA DIRETTA	10	0	0					
Incasato	68,30	11	0	0,05	ERO BICCHIERE				
Incaso Ricarica	15,20	12	35	0,25	ERO BEV. CALDE CHIAVE 0,25				
Vendita in Contanti	49,30	13	17	0,35	ERO BEV. CALDE CHIAVE 0,35				
Vendita Chiavi	14,48	14	0	0					
Inc. Sovraprezzo	0,00	15	0	0					
Mancata Vendita	0,00	16	0	0					
Ero. Manuale	0,00	17	0	0					
Rilev. N.	35,35	18	0	0					
Incasato nei tubi	35,15	19	0	0					
Resso dai tubi	35,35	20	0	0					
Venduto Bonus	0,00								
Carico Manuale ne	0,00								
Tot.		35	0,25		ERO BEV. CALDE CHIAVE 0,25				
Tot.		17	0,35		ERO BEV. CALDE CHIAVE 0,35				
Tot.		2	0,05		ERO BICCHIERE				
Tot.		39	0,4		ERO BEV. CALDE MONETA 0,40				
Tot.		122	0,3		ERO BEV. CALDE MONETA 0,30				
Elenco errori rilevati:									
Matr. Sistema	Errore								

Once the data has been recorded in GD, it will be possible to go into a review of wages and receipts to compare the amount counted with the collection recorded by payment systems. The assignment of a reading to the relative visit is generally done automatically provided that is enabled *the automatic assignment of EVA-DTS readings from palmtop* in the Automation of the General Settings of GDAdmin (the mask can be recalled by clicking on the Automations button, visible after having open the General Settings with the CTRL pressed - in the Settings Button for GDEasy / GDDC). This option means that the assignment of the reading is done directly from the handheld and not downstream in the Data Acquisition from payment systems.

Sistemi di pagamento	
Identificativo x matricola automatica:	con 0 cifre numeriche
☒ Assegna automaticamente le letture EVA-DTS da palmtop	

Multiple selection of operators in Payment Data Acquisition

In some situations (for example large factories) there can be multiple operators who pass several times a day on the same dispensers in random order.

This at the time of data acquisition from payment systems can, if you choose to import data one operator at a time, create false reports with respect to the previous withdrawal date. To overcome this problem, it is possible to activate multiple selection of EVA-DTS data belonging to several operators to be able to acquire them simultaneously, avoiding the problem. The multiple selection option must be activated in the Automation of the General Settings

(accessible as known by pressing the control key when clicking on the GDAdmin menu).

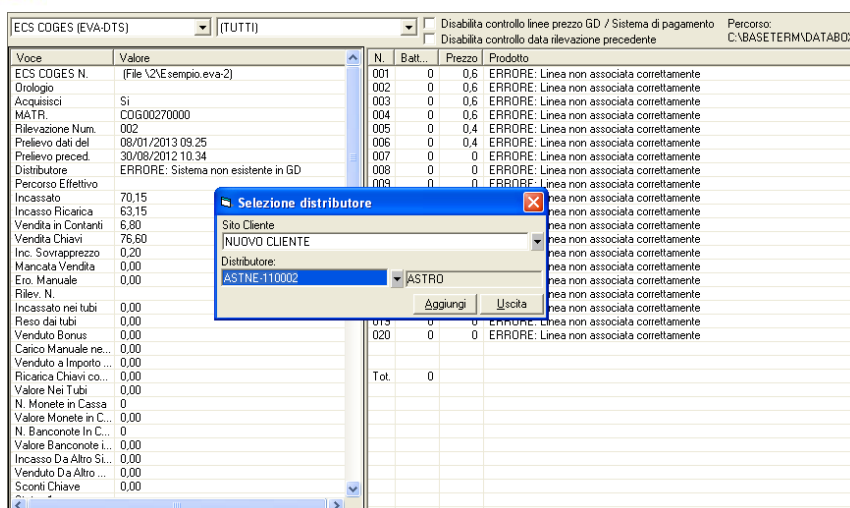
☐ Abilita selezione multipla operatori in Acquisizione dati pagamento

Once the option is activated, when the payment data acquisition is opened, a new item appears (A CHOICE) selecting which you can then check the operators you are interested in acquiring. If no operator is still selected, when selecting the first one, all those who insist on the same zone (usual operator) are pre-inflated, but obviously the various names can be activated and deactivated regardless.

Possibility of assigning a detection not associated with a dispenser directly from the payment data acquisition

In the presence of a detection not linked to any dispenser, it is possible to assign it directly to a specific dispenser data, without leaving the screen.

The choice can be made by double clicking on the dispenser row of the list with the main data of the survey and in this case it reports "ERROR: System not existing in GD"



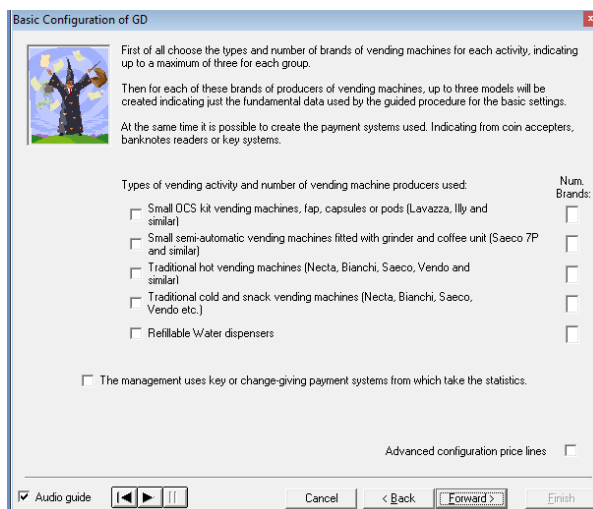
. Note that the selection is possible between dispensers with the PRODUCTS-BASED payments DELIVERY THAT DOES NOT HAVE ANY PAYMENT SYSTEM or which has FIRST PAYMENT SYSTEM the one to which the survey belongs but does not have a specified ID. *In practice, for security reasons, it is not possible to change the system of an already correctly configured dispenser (ie with the type of system and the relative serial number) but only assign the detection and then associate new or reinstalled dispensers.*

Association between GD counters and payment system lines

From the "Data acquisition from payment systems" screen, it is also possible to set / change the association of the system lines with the dispensing products, as always happens in the dispenser card. However, the function is extremely convenient as it allows you to quickly intervene and change the incorrect associations or in any case quickly insert the associations starting from the EVA-DTS survey carried out, possibly also creating special counters and assigning them automatically to the price lines.

WARNING: Operation depends on what is set in the new option available in the "Basic configuration" wizard. For GD users who already have delivery products defined and assigned to dispensers, the configuration of the price lines is automatically set as advanced and cannot be modified except with a specific procedure described below and after having carried out a specific backup.

For users who start working with version 5.5 it is possible to activate or not the *Advanced configuration of the price lines* through the same check.



a) Working mode with advanced configuration of the price lines trimmed

To access the function use the button **Configuration**, which is enabled if the current detection is associated with a machine or if the dispenser has been recognized as existing in GD.



Prodotto	Battute	Prezzo	.01	.02	.03	.04
EROG CH.21 CAFFE'	0	0,28	11			
EROG CH.22 SOLUBILE	0	0,28	12			
EROG CH.23 BICCHIERE	0	0,03	13			
EROG CH.24 ACQUA	0	0,05	14			
EROG CH.25 CAFFE' 2	0	0,33	15			
EROG CH.26 SOLUBILE 2	0	0,38	16			
EROG CH.27 SOLUBILE EXTRA	0	0,4	17			
EROG MON.11 CAFFE'	0	0,3	1			
EROG MON.12 SOLUBILE	0	0,3	2			

At this point a grid is opened that shows the current situation and allows the management of the association between products and price lines of the dispenser in which:

- it is possible to manually modify the lines indicating for each product delivery which system lines
- it is possible the deleting lines (selecting the whole line and pressing DELETE) or the associated counter. This can be particularly useful when starting up GD if are all the counters on each dispenser activated to eliminate those with a price that does not exist in the specific machine.
- only if there are no lines associated with manually created counters in the button is also available, **vending** machine, the Automatic pairing which automatically creates the necessary counters of the AUTOMATIC SUPPLIES family and sets them in the different lines of the vending machine.

NB: Writing in the dispenser occurs only when the "Confirm" button is pressed

b) Working mode with advanced configuration of the price lines not checked

In this mode the management of the meters and the associations with the relative list prices is fully managed automatically by GD .

In the "Data acquisition from payment systems" screen, when a detection associated with a dispenser is opened, the AUTOMATIC DISPENSES family is automatically created and the

counters for the necessary price lines and lines are assigned accordingly. The Configuration button is not available as the whole process is managed directly by GD.

Option for manual detection of deliveries only (validator only)

If the system does not have any type of interface, it is possible to check the Calculate manual entry in the Payment system table.

From the ver. 5.5 it is possible to have the cashed out even for older dispensers equipped with only the validator (eg RM5) from which obviously no data can be detected.

The value of the income (ie the expected collection) is calculated from the measurements of measures with the formula (Beats - Previous Batt. - Test Batt.) * Price and the total (even for several price lines) is entered in a record of detection generated by GD instead of processed by EVA-DTS data.

Obviously for this to happen it is necessary that the dispenser is configured with the payment system in question and that it has a fictitious ID (you can enter a progressive number or even the serial number of the V/M) as long as it is unique.

From this point on, therefore, even for these machines it is possible to easily check the collections and the various GD standard analyzes.

Option for manual detection of the recessed only (validator only)

If the system does not have any type of interface, it is alternatively possible to use the manual recess calculation mode starting from the absolute collection value provided by some dispensers equipped with the only validator.

Some dispensers, who do not have a key or cash-based payment system, have as their only data for comparing the collection the value returned by the dispenser in the statistics relative to the absolute value collected. In practice they absolutely record the amount of the receipt counted by the validator. From an operational point of view, it is necessary to set the check "Calculate collected by progressive collection" in the payment system and set the system itself in the dispensers as the first system, assigning a fictitious id code (it must be present, as in the manual collection calculation function).

By setting the check "Calculate collected by progressive collection" in the payment system, GD allows to detect this absolute counter of the amount collected and registers in the traditional field received the difference between the absolute counter of the amount received at the current step less that detected in the passage previous one.

To avoid mingling with the collection column and with the grid of the drawn, it was chosen to allow the allocation of the absolute value provided by the validator of the machine in the Recharge / Refund / (accessible from the Site Detail menu); the data can therefore only be registered after having entered the bag number in the dispenser's Withdrawal menu.

It should be noted that the collection, being the difference between the surveys, is calculated starting from the second time in which the absolute value is imputed.

When recharging, GD generates, where necessary, a fictitious recording of the payment system (which can be displayed in the Beating Review / Collections) in which essentially only the Collected field is valued as described above; subsequently the data is available for all controls and the considerations of the case both in the coin count acquisition and in the various analyzes (Customer / Site / Collection cashed, etc.)

Management of the names for payment products

Within the relationship with the companies, sometimes the customer wants the vending company who uses individually refillable and encrypted payment keys to maintain a list of keys delivered and be able, upon request, to provide a list of the people who own them. This can be managed automatically with GD by activating the **Gest. Keys** on the card of the enabled products as special payment products and the option of **managing the names and payment products details** in the tab of the customer sites for which the service is requested. The operator is enabled in this way, for each key delivered, to record the code, the name of the person and the delivery date on the terminal.

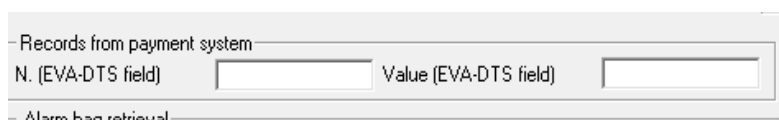
Generating movements from payment system data

With this function the program allows the invoicing of any amount coming from payment system surveys, including automatic top-ups of individual user keys.

As known GD acquires and stores practically all the information coming from payment systems, but so far it was not able to automatically make invoices from them, if not as far as possible through company payments. The function is accessible from the GD Management menu, selecting Entry of movements / Movements from payment system data.

The logic is to create a movement of a special payment product that can be selected by the user with the number of "pieces" and the value of what is detected by the payment system.

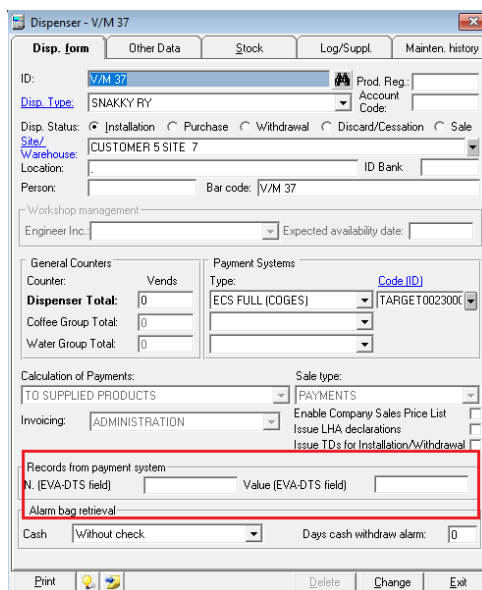
Before proceeding, however, in order to be able to insert in the invoice bonus or invoicing movements of recharges and the like, it is possible to set in each dispenser (at the bottom of the card), the EVA-DTS field related to the number and value to invoice (it is also possible to insert only the value field).



As an example, a fairly frequent case of use is to bill the customer for the amount of "cashless discounts" by setting the DA502 field in Num (EVA-DTS field) and the DA501 field in Value (EVA-DTS field).

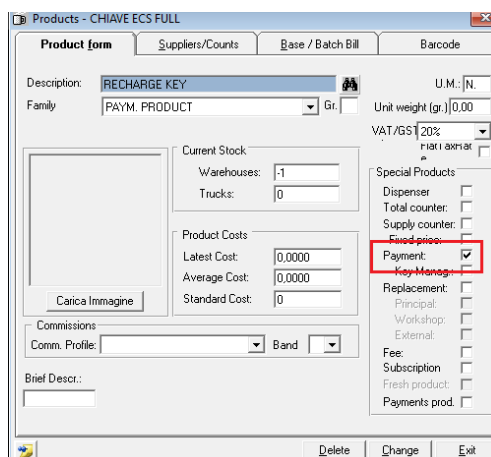
In the presence of surveys that contain this data and that have not yet been invoiced, the system allows you to generate a movement to be invoiced using the payment product.

Il sistema è molto flessibile e può essere adattato a qualsiasi esigenza: ad esempio se si desidera fatturare la ricarica notturne del credito sulle chiavi secondo quanto impostato nel sistema di pagamento si può procedere come segue: prima di tutto impostare il dispensere

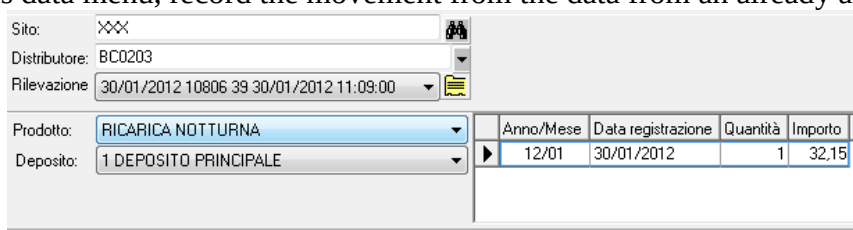


Enter as the value (EVA-DTS field) the name of the evadts field where there is the value of the night recharge, and as Num (EVA_DTS field) the evadts field where the number of night recharges is stored or 1, 2 etc.

Then create in GD a product called NIGHTTIME RECHARGE, for example



Finally from from GD - Vending Machine Management, Management / Entry / Movements from payment systems data menu, record the movement from the data from an already acquired survey



Anno/Mese	Data registrazione	Quantità	Importo
12/01	30/01/2012	1	32.15

- Creation of movements with details of recharges of single keys (Recharging stations)

To create movements of this type it is necessary that the payment system supports the detail of the top-ups made on a single key (typically from a key-top-up station). Currently GD supports the charging stations of Paytec / Fage systems, but in case of need with these or other systems it is advisable to contact the Target Informatica assistance service, once you have an EVA-DTS statistics file with details of the recharges.

As an example it follows the setting up of a Paytec charging station with the creation of the payment product for the individual keys ("Key") delivered to the users of the site and of that necessary for the billing of the top-ups ("Recharging station key ")

Dispenser - STA001

Disp. form | Other Data | Stock | Log/Suppl. | Mainten. history

ID: STA001 | Prod. Reg.: |
 Disp. Type: CHARGING STATION | Account Code: |
 Disp. Status: ☒ Installation ☐ Purchase ☐ Withdrawal ☐ Discard/Cessation ☐ Sale
 Site/Warehouse: GENERIC SALE | ID Bank: |
 Location: | Bar code: |
 Person: |
 Workshop management:
 Engineer Inc.: | Expected availability date: |

General Counters: Counter: | Vends: |
 Dispenser Total: |
 Coffee Group Total: |
 Water Group Total: |

Payment Systems: Type: | Code (ID): |
 Type: ECS FULL (COGES) | >XXX |

Calculation of Payments: TO SUPPLIED PRODUCTS | Sale type: PAYMENTS
 Invoicing: ADMINISTRATION | Enable Company Sales Price List ☐
 Issue LHA declarations ☒
 Issue TDs for Installation/Withdrawal ☒

Records from payment system:
 N. (EVA-DTS field) | Value (EVA-DTS field) |
 Alarm bag retrieval:
 Cash ☐ Without check ☐ Days cash withdraw alarm: |

Add | Exit

Dispenser - STA001

Disp. form | Other Data | Stock | Log/Suppl. | Mainten. history

Products Handled: Fresh products management ☐
 * | Prod. Loaded/Sold: ☒ KEY ECS FULL
 Last Visit Dates and Intervals:
 Reload every: 0 days
 (one-off alternatives) 0 days
 Scheduled maintenance every: 0 days
 Last Product Load: |
 Last Maintenance: |
 Last Taking/Payout: |
 Last Survey of Stock: |
 Dist. Type: FOOD |

* | Prod. Counts/Deliveries

Dispenser costs: Eco/Fin | New
 Drag a column header here to group by that column.

Eco/Fin	Family Cost / Income	Description	Fr...	T.	Disable Alarm	Amount
☐					☐	

 Eco/fin Center: |
 Amort: STANDARD | Fro: |
 Inactive ☐

Print | Delete | Change | Exit

Products - KEY ECS FULL

Product form | Suppliers/Counts | Base / Batch Bill | Barcode

Description: KEY ECS FULL | U.M.: N.
 Family: PAYM. PRODUCT | Gr. | Unit weight (gr.) 0,00
 VAT/GS: 20% |
 Current Stock:
 Warehouses: -1
 Trucks: 0
 Product Costs:
 Latest Cost: 0,0000
 Average Cost: 0,0000
 Standard Cost: 0
 Special Products:
 Dispenser ☐
 Total counter: ☐
 Supply counter: ☐
 Fixed price: ☐
 Payment: ☒
 Key Manag. ☒
 Replacement: ☐
 Principal: ☐
 Workshop: ☐
 External: ☐
 Fee: ☐
 Subscription: ☐
 Fresh product: ☐
 Payments prod. ☐

Carica Immagine

Commissions:
 Comm. Profile: | Band: |

Brief Descr.: |

Delete | Change | Exit

Products - KEY ECS FULL

Product form | Suppliers/Counts | Base / Batch Bill | Barcode

Description: KEY CHARGING STATION | U.M.: N.
 Family: PAYM. PRODUCT | Gr. | Unit weight (gr.) 0,00
 VAT/GS: 20% |
 Current Stock:
 Warehouses: -1
 Trucks: 0
 Product Costs:
 Latest Cost: 0,0000
 Average Cost: 0,0000
 Standard Cost: 0
 Special Products:
 Dispenser ☐
 Total counter: ☐
 Supply counter: ☐
 Fixed price: ☐
 Payment: ☒
 Key Manag. ☒
 Replacement: ☐
 Principal: ☐
 Workshop: ☐
 External: ☐
 Fee: ☐
 Subscription: ☐
 Fresh product: ☐
 Payments prod. ☐

Carica Immagine

Commissions:
 Comm. Profile: | Band: |

Brief Descr.: |

Delete | Change | Exit

To be able to create the movements enter GD - Vending Machine Management, Management / Entry / Movements menu from payment systems and select the site, the dispenser and finally the survey that you want to invoice (which can be displayed with the appropriate yellow button)

GD [Movimenti da dati dei sistemi di pagamento]

File Visualizza Strumenti Tabelle Distributori Clienti Magazzini Gestione Finestra ?

Sito: XXXXX
Distributore: ADESRIA00004
Rilevazione: 16/05/2011 18:37 14 16/05/2011 07:15:00

Prodotto: CHIAVE STAZ. RICARICA
Deposito: [REDACTED]

Anno/Mese	Data registrazione	Quantità	Importo
11/05	16/05/2011	1	685

Chiave /	Persona	Chiave /	DataConsegna	DataRitiro	pr	matricola	Prodotto
z	4029						CHIAVE
a1	4030						CHIAVE
b1	4031						CHIAVE
c1	4032						CHIAVE
d1	4033						CHIAVE
e1	4034						CHIAVE
f1	4035						CHIAVE
g1	4037						CHIAVE
h1	4039						CHIAVE
l1	4042						CHIAVE
m1	4043						CHIAVE
n1	4044						CHIAVE
o1	4045						CHIAVE
p1	4047						CHIAVE

Data /	Importo	Chiave	Residuo	Persona
12/05/2011 10:47:25	5	4059	22,42	u1
13/05/2011 15:16:17	5	4059	17,15	u1
- 4060				
12/05/2011 05:56:20	5	4060	5,21	v1
13/05/2011 05:55:37	5	4060	5,17	v1
15/05/2011 20:55:48	5	4060	6,16	v1
- 4061				
11/05/2011 21:36:54	5	4061	28,42	z1
12/05/2011 21:30:50	5	4061	27,66	z1
13/05/2011 13:35:00	5	4061	28,21	z1
- 4065				
12/05/2011 07:00:14	5	4065	15,65	a2

It should be noted that while the detail of the individual top-ups is displayed on the left, it is possible to enter / view the names of the persons to whom the single key was delivered (this data is not present in the statistics of the payment system but must be entered the first time in GD) and optionally enter the date of delivery and / or collection of the key with the relative serial number if managed.

To correctly manage movements that contain detection periods at the turn of different months, as you can see in the screen shown above, the program totals the values per month creating different movements one for each month.

Finally completed the association and created the movements, to issue the invoice it is sufficient as usual to go to GD - Vending Machine Management, Billing documents / Standard (deferred) and issue an invoice that will automatically contain the movements generated using the deferred invoice register or if desired, creating another special register.

TIPO DOCUMENTO	NUMERO	DATA	PAG.		
FATTURA	9/FD	07/05/2012	1		
PARTITA IVA / CODICE FISCALE DESTINATARIO					
/					
PAGAMENTO					
ALLA CONSEGNA					
BANCA D'APPOGGIO (BAN)					
NOTE					
Descrizione	U.M.	Quantità	Prezzo	Importo	Iva
16/05/11 CHIAVE STAZ. RICARICA	NR	1,00	566,1157	566,12	21

Sales out of Tables (Zip, MyZip)

Where provided by the manufacturer in the payment system data, off-table sales can also be displayed, if supported by the payment system in use.

This is the number and the total value of sales that have been made with prices not present in the price table of the payment system, separated by coin sales and key sales. The fields in question are displayed only if different from zero.

The data in addition to being useful in itself, also allows you to indirectly identify any errors in configuration of the payment system.

A special alert box has also been added to acquire data from the payment system.

It is displayed if there are readings with off-table sales (which usually mean an incorrect configuration of the dispenser). The data is in any case recorded and the box is only a warning so that the technician can be alerted as soon as possible to verify the situation.

Settings of price bands / lines at individual dispenser level

The parameters relating to the number of bands / lines and the separation between lines belonging to the master and to the slave (type (master / slave) and line number m / s) can also be customized at the individual level on the dispenser. This allows for different configurations without creating different payment systems and is particularly useful in the case of different MDB configurations (eg snack machines with multiple configurations)

If the appropriate item "Customize EVA-DTS bands / lines" is ticked, the system proposes the parameters set at the payment system level that can be changed if desired.

When registering the dispenser card, if lines or bands have changed, you are asked whether to renumber them according to the new data (this possibility was already present in the payment system card but is now extended to the single machine). On the contrary, removing the check mark from "Customize EVA-DTS bands / lines", no renumbering is requested and therefore the lines must be reset.

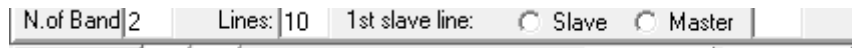
Note that the button applies lines (which applies the configuration of the system lines present in the payment system) is visible only if you do not choose "Customize bands / lines EVA-DTS", in which case it does not make sense to apply the configuration of the bands / global lines of the system since we chose to customize them.

NB: To correctly manage this situation, the payment system from which the data is acquired and of which it is mandatory to indicate the identifier must be the first of the three possible. A special patch is available to move the detected systems to the first place (contact the Target Informatica assistance service).

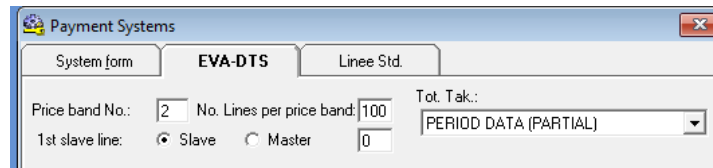
Management of a single price line configuration including batteries with different master machines

In the case of dispensers' batteries with a single payment system in which the lines are divided for convenience based on whether they belong to the master or the slave, it was necessary to customize the lines depending on which machine was the master, as GD allowed to indicate from which line the

lines of the master began. Therefore the first lines were always of the master and the successive ones of the slave. However, having a snack machine as a master needed a differentiated programming, which is definitely not practical. With the new option in the dispenser tab (in History / Delivery) it is possible to indicate whether the first lines belong to the master or the slave



The general setting where not otherwise specified in the dispenser is as usual that present in the table of payment systems (Tables / Payment systems)



Improvements to the basic configuration of price lines

As known, the basic mode of configuration of the price lines is that in which the user does not have to create and configure specific delivery products for each band / line of the payment system, but GD manages everything automatically, creating a band for the coin, one for the key and still allowing the use of further bands where foreseen and automatically setting the necessary meters.

Until now working in basic price line configuration mode, in GD it was not possible to create exceptions with specific dispensing products and therefore meters to track particular configurations such as free sales with billing at different prices.

To allow special management, it is possible to exclude specific dispensers from the basic (automatic) configuration, managing them as if they were in advanced mode.

The exclusion of a specific dispenser is done with a special check in the History / Dispensing screen of the dispenser by ticking the Manual configuration box.

Supply and payment			Appl. Linee ECS FULL [...]									
Product	Vends	Price	.01	.02	.03	.04	.05	.06	.07	.08	.09	
SUPPLY CASH 0.40	0	0.4										
SUPPLY CASH 0.50	0	0.5										
SUPPLY CASH 0.60	0	0.6										
SUPPLY CASH 0.70	0	0.7										
SUPPLY CASH 1.00	0	1										
SUPPLY CASH 1.20	0	1.2										
SUPPLY KEY 0.38	0	0.38										
Manual configuration												

New option Automatic association in Advanced configuration of price lines

NB: This function cannot be used in the case of "Basic configuration of the price lines" and must in any case be activated upon request by Target Informatica. It allows you to assign specific manually defined counters based on the configuration in the type of dispenser and their presence in the associated price list of the customer site.

The new option is accessible from the Configuration screen in Data Acquisition from a payment system and consists of a button alternative to the Automatic Association button.

In practice, starting from the values recorded in the statistics, it does not use the supplies of the AUTOMATIC SUPPLIES family but all the deliveries valued and present in the price list of the site and discriminates between key and currency based on what is configured in the management and executes the assignment.

Management logic of the sorter / coin counter

Compatibility with the coin counters

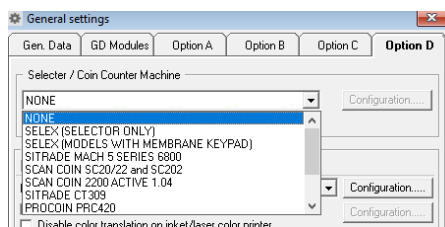
As there is no standard protocol for the interfacing of the coin counters, each brand / model must be explicitly implemented in GD - Vending Machine Management (unless the manufacturers make new models available where they do not change the protocol with respect to the previous ones)

Since the procedure for creating the connection program is generally feasible, we ask you to inform us of any models in use that are not supported: we will contact the manufacturer of the machine and make the model available in GD as soon as possible. This is the list of currently supported models:

- **Selex Model V1sorter** (only without membrane keyboard): generally it is not equipped with a serial port but requires an internal card connected to the "B Whip" and no longer works if it is disconnected from the PC.
- **Selex Model V2** (with membrane keyboard) is generally equipped with the serial interface and can be configured for connection.
- **Sitrade Mach 5 Series 6800 and Mach 6** (They generally have a serial interface that can be connected to the PC)
- **Scan Coin SC 20/22 and SC202** (They generally have a serial interface that can be connected to the PC)
- **Scan Coin 2200 Active 1.04** (It has of a serial interface that can be connected to the PC)
- **Sitrade CT309** (It has a serial interface that can be connected to the PC)
- **Comestero 701**
- **Selex Moon**

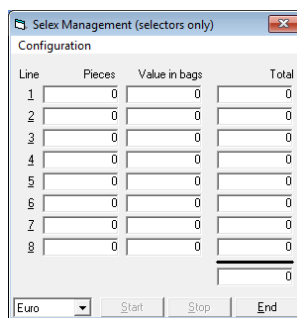
Configuration

The use of the sorter / coin counter must be configured on Options D of the General Settings, accessible from the Tools menu GDAdmin, choosing your sorting / counting machine from the list.



Once you have selected your sorting / counting machine, you will need to configure it, based on the model you selected, by clicking on the appropriate Configuration button.

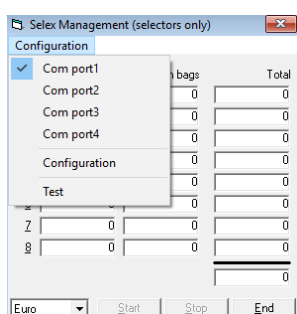
- **Selex Model V1sorter** (only without membrane keyboard): click on Configuration, to open the Selex Management screen (sorter only)



Line	Pieces	Value in bags	Total
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0

On the Settings menu:

- Set the COM port to which you have connected the cable of your sorting / counting machine;
- Enter the Configuration to open the form so as to be able to configure the Multiplier and Reservations



Line	Pieces	Value in bags	Total
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0

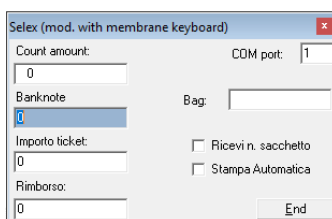
- **Selel Model V2** (with membrane keyboard): click on Configuration, to open the Selel mask (mod. With membrane keyboard) and set the port COM to which you have connected the cable of your sorting / counting machine;

Machine / wiring notes:

Counters with membrane keypad must be set with Type Printer = PC and BaudRate 9600. The cable to be used is a standard straight RS232 serial cable, ie the pins must be connected from a PC to a coin counter as follows:

Pin 2 connected to Pin 2, Pin 3 connected to Pin 3, Pin 5 connected to Pin 5

For further information contact the manufacturer of the counter or consult the relative manual



- **Sitrade Mach 5 6800 Series:** click on Configuration, to open the Sitrade Mach 5 6800 series mask and set the COM port to which you have connected the cable of your sorting / counting machine.

Machine / wiring notes:

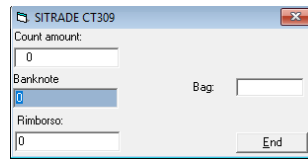
The printer port on the coin counter must be set to 9600, n, 7.1.

The cable to be used is an RS 232 serial cable made as follows:

Pin 2 connected to Pin 3, Pin 3 connected to Pin 2, Pin 5 connected to Pin 5 and also on the same connector must exist on both sides of the jumpers as follows: pin 1 connected to pin 4 and connected to pin 6,

pin 7 connected to pin 8.

For further information contact the manufacturer of the coin counter or consult the relative manual



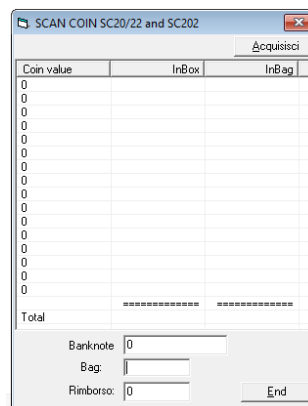
- **Scan Coin SC 20/22 and SC202:** click on Configuration, to open the mask Scan Coin SC20 / 22 and SC202 and set the values in the Coin Value column;

Machine / wiring notes:

When the counter is turned on it is automatically set to 9600 Baud. No parity, 8 data bits and 1 stop bit.

In accordance with the indications in the ScanCoin technical manual, the following SC20 (SC 20 Std, SC 22 Std, SC 22 Euro) and SC 202 (SC 202Std, SC 202+, SC 202 Euro, SC 202 Euro Plus) models use serial wiring. RS232 9 poles crossed as follows (from PC to coin counter): Pin 2 connected to Pin 3, Pin 3 connected to Pin 2, Pin 5 connected to Pin 5, Pin 7 connected to pin 8, Pin 8 connected to Pin 4.

For more information contact the manufacturer of the counter or consult the relative manual

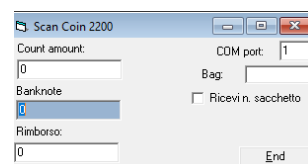


- **Scan Coin 2200 Active 1.04:** click on Configuration, to open the Scan Coin 2200 mask and set the COM port to which you have connected the cable of your sorting / counting machine.

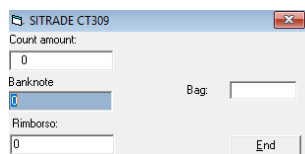
Machine / wiring notes: It

uses a 9-pole RS232 serial wiring crossover as follows (from coin counter / female to PC / male): Pin 2 connected to Pin 3, Pin 3 connected to Pin 2, Pin 5 connected to Pin 5

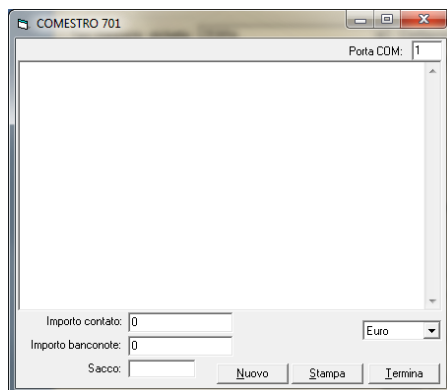
For further information contact the manufacturer of the counter or consult the relative manual



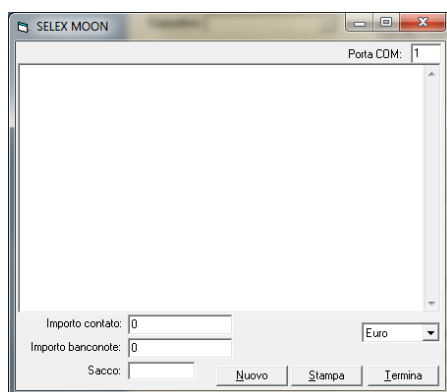
- **Sittrade CT309:** click on Configuration, to open the Generic mask and set the COM port to which you have connected the cable of your sorting / counting machine;



- **Comestero 701:** click on Configuration, to open the Comestero 701 screen and set the COM port to which you have connected the cable of your sorting / counting machine;



- **Selex Moon:** click on Configuration, to open the Selex Moon mask and set the COM port to which you have connected the cable of your sorting / counting machine;



The **Selex Venus** is in effect a MOON and must be configured as a Moon, but pay attention to the configuration of the Venus: it must not be set to print "PC" but "EPSON" (9600, n, 8.1)

Force manual request for banknotes

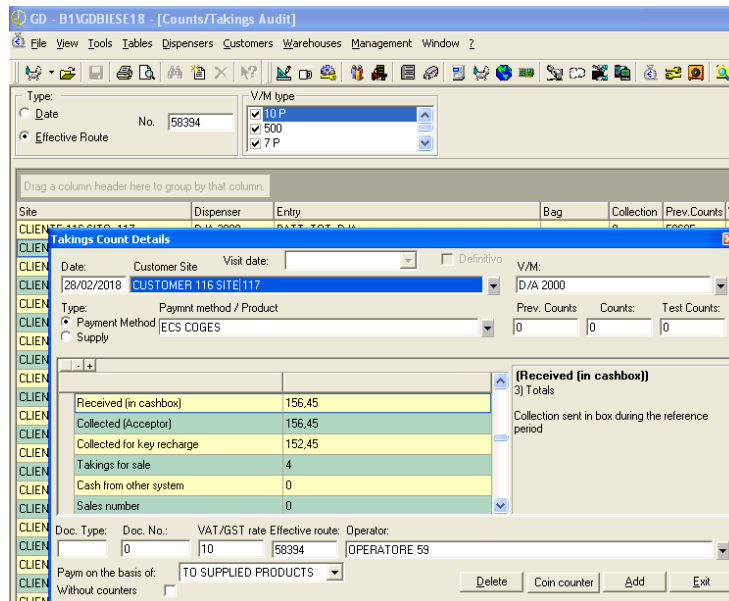
A check to be activated in the coin counting area (GDAdmin / General Settings / Opt. D) and at the time of transmission of the count (generally pressing the print button on the counter) has been added for all the latest coin counter models. asks you to manually enter the banknote amount. This option was necessary because several new counters do not have a numeric keypad on board and typing the banknote amount in the small window connecting with the coin counter is not always easy. The entered amount is added to the total of the count, and if the amount has been entered in the banknote field of the counter window, that value is proposed when the request is displayed.

Recording and display of Collections and surveys

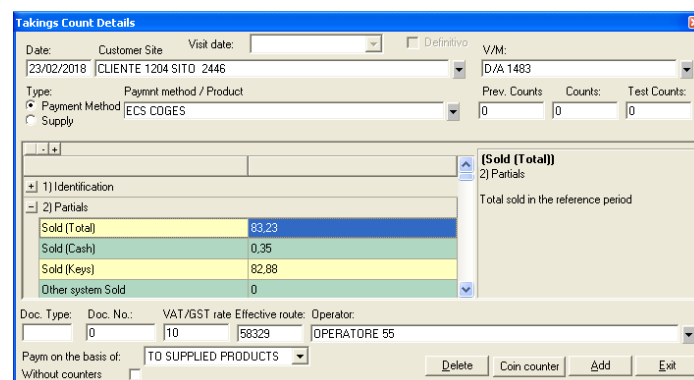
Every operation of recording or recording of beats performed on a dispenser, as well as the recording of receipts, are stored in **Counts / Takings Review**, which allows the entry, modification and display

. The window is divided into two areas, the upper one allows you to choose the date or route (it is also possible to select a specific type of dispenser), while the lower one, active by pressing the button *Open*, contains the list of the registrations made.

Open jokes and receipts based on the date or route number; select the line that you want to count to record the receipts manually or using the connection to your sorting / counting machine.



Compared to the past, the Counts / Taking audit has been improved in the Management menu of GD, this also to make immediately readable all the data taken from the EVA-DTS (also those related to the Totals that GD generally did not memorize separately but only as an Eva file) Dts. the data are grouped with the same logic used in the configuration table of payment systems and, to facilitate understanding, has been added here also descriptive of the given area.



in order to facilitate the understanding of the data also present in the view of the ' Dispensing / bag have been reorganized in order to be more understandable. of course have also been reported here the new fields (theft, value of the evidence ...), which are described in the following paragraph concerning the Acquisition coin counting improvements.

The fields of the Coin counting Acquisition grid

Date: Bag withdrawal date

Operator: Operator who picked up the bag

Path: number

Bag: number

Collections: Field on which to record the counted collection

Of which banknotes: Field on which to record the Banknotes counted

Cashed: Collected registered by the payment system

Difference: Cashed (in box) - Cash (counted) - Refund - Cash recharge Key - Theft - Other differences.

Discrepancy in the tubes: Allows an immediate comparison between the expected value and that actually present in the tubes. If the coin mechanism has, as in the case of the MARS CASHFLOW 7900, a precise detection system for the coins present in the tubes, the identification of any shortages is effective and rapid. The value displayed in the Discrepancy in tubes field is given by the mathematical calculation: Val. in the current tubes - (Value in the previous tubes + Tot. sent in the tubes - Total dispensed).

Site: site on which the bag was taken

dispenser: dispenser on which the bag was taken

Model: model of the dispenser on which the bag was taken

counting date: It is filled in automatically when the bag is counted (or manual entry of the amount). Allows GDAdmin to print the counted bags in a given day regardless of the collection date.

Make rest system: Displays the amount topped up in the rest payment.

Refund: For each counted bag, it is possible to enter the amount refunded by the operator to the customers in the counting room. This amount contributes to the squaring of the income counted with the income.

Amount Key recharge: it must be used if the operator recharges the user keys at the machine at the time of the visit by withdrawing from the box and making it "pass over" inside the acceptor and the related amount is invoiced subsequently to the company with the normal management of GD payment products. In this situation, the income (collection value returned from the payment system) is higher than the actual collection that will be counted in the room and therefore, by entering the data in the grid, the squaring may still be carried out.

Notes: field for the use of the operator in the room counts

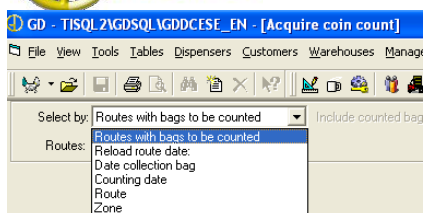
In addition, above the grid, are always available the Total Collections, the total coins and total banknotes, and the number of bags counted.

Advanced mode of coin count acquisition

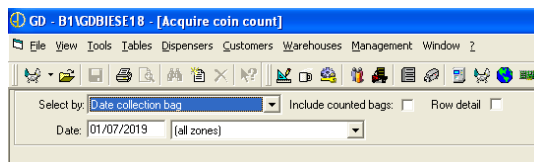
In addition to the standard mode, it is possible to use the advanced coin counting acquisition mode, which allows an easier management of the counting of the bags.

In the standard mode it is possible to select the open bags to be counted, possibly filtering them for each route. At the time of counting the data is temporarily saved in the grid (saved and reloaded in the event of exit from the screen) and is actually recorded in GD at the moment in which the Register key is pressed, consequently eliminated from the grid)

The acquisition of advanced coin counting it allows you to immediately register in the database the counted bags (which still remain displayed in the grid) and allows you to recover at any time also the counts made in a specific counting date, those counted / to be counted for the various routes, but also those related to a specific recharge date in the PC of the routes and therefore of presumed receipt of the bags, and finally those actually collected by the shippers on a specific date.



For the different selections, the possibility of adding the filter by zone is also available.



These functions make daily counting and checking of counting lists much easier, making it possible to verify daily collections much more quickly and effectively, especially in situations in which data and bags arrive in different times / ways.

NB: The advanced mode can be activated by GDAAdmin / Options D and can be enabled only after recording all the counts temporarily saved, ie it is necessary to press the record button in the old mode before being able to activate the new one.

The print of **summarythe amounts of the daily count, the** GDAAdmin / Print / Movements / Collections per period, lists the receipts reported by the operator on the return (or reloading the route) and those related to the coin bags counted in the day. In practice, for each print day, totaled and divided by operator, the amounts relating to the recharged routes and the amount of bags counted in the day are obtained.

The press only reports receipts recorded in the default operator payment mode (general options B of GDAAdmin) in addition to those relating to cash payment methods.

Function to list data readings that do not have the corresponding pouches inserted in the Withdrawal of the terminal

From vers. 5.5 is available Check the function of the findings button.). (**CheckDetect**It allows precisely to carry out the control of the orphan surveys, or rather those surveys carried out by the operator and recorded in the Payment Data Acquisition for which the field operator has not registered (in the Pick-up menu of the dispenser) the n. of bag on the terminal. This control allows to quickly highlight the possible lack of bags or in any case their failure to register in the terminal.

The user with the necessary authorization can insert the missing bags with the function F12 described below.

Display of the detail window of coins / banknotes in coin counting acquisition

It is possible to view the detail of the coins / banknotes registered by the payment system, so as to be able to verify in detail in case of any discrepancies. The window can be displayed by double-clicking on the row of interest in the box **Collected**. Obviously the data is available for the coin validators / payment systems that provide this information and for which the Complete data check is activated in the Payment Systems table.

The screen shows a list in which each row represents a coin denomination (or banknote if present) and shows the value, the number of pieces sent to the cashier, the number of accepted pieces and

those manually loaded into the tubes. Obviously the difference between the coins in the cashier and those accepted, if present, corresponds to the pieces sent in the tubes for recharging them.

Value	In cash...	Accepted	Manually filled	In tubes
0.05	0	14		0
0.1	0	45		0
0.2	0	12		0
0.5	0	86		0
1	0	50		0
2	0	31		0
Collections	0	162,6	0	0
Banknotes	0			

Bag insertion function in coin count acquisition

In situations of terminal breakdown or forgetfulness of inserting a bag, on coin count acquisition it is possible to use function F12 to close a run and to insert a bag at a stage where necessary .

Pressing the F12 key in the "Coin count acquisition" screen opens a form where you can choose the operator and the date to select routes. A list of routes with route sites and dispensers by site is displayed.

Through this function: it

- is possible to close a route: Select the route and press "close route"
- you can insert a new site in the closed routes: Select the route, select the site to add on the site and press "Insert site in the route"
- is possible insert a Bag: Select the route, select the site, select the dispenser to add a bag to, select the relative date of visit to refer to, select the product to refer to, enter the bag number

Coin count acquisition - insertion refund

It is possible to enter the value of the Refund directly in the counting screen. Note that the "reimbursement" field in the grid is updated with the one in the mask of the counter, only if different from zero. Unlike writing an amount that will replace the existing amount of the possible warning with the message "Warning: there was a redemption of X and will Y change.

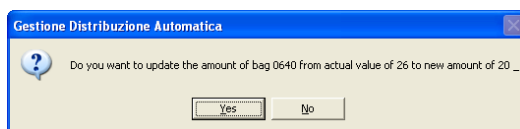
Count one bag already counted on the grid

It 'been extended to manage any duplication in bags. Previously in these situations it was asked whether to overwrite the previous value with the new

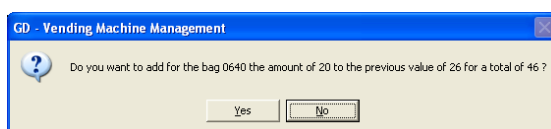
If, counting an amount, you choose to set it against a bag already counted in the grid, before being registered the new amount three options are proposed in cascade :

- a) An information box is shown that allows you to determine whether you want to replace the old value or not. The box provides all the necessary data
- b) A box is shown that allows you to add the new value to the old one (to manage counted in two bag times of considerable value)
- c) The new bag number to which the counted amount is associated is requested.

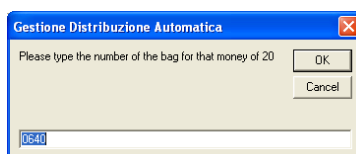
Imagine having the bag 0825 already counted with an amount of 10.25 and to scan the code again: the following box is shown as above



If you answer no to the question, the next box is displayed



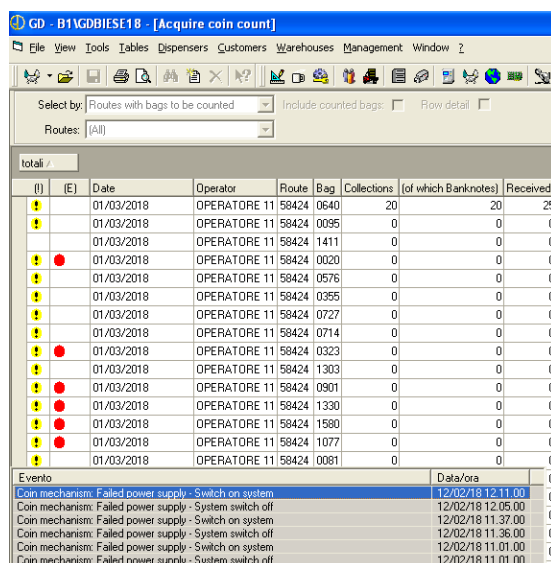
At this point if you answer No you get the request to enter a different bag number



Management of alarm messages and Eva-DTS signals from payment systems

In the coin counting acquisition screen, the presence in the EVA-DTS statistics acquired by the payment system of fault / alert messages is displayed, particularly useful for assess shortages or

incorrect management situations. The screen can be obtained by double clicking on the red icon or pressing the Detail button when you are on the cell in question.



(I)	(E)	Date	Operator	Route	Bag	Collections	(of which Banknotes)	Received
!		01/03/2018	OPERATORE 11	58424	0640	20	20	25
!		01/03/2018	OPERATORE 11	58424	0095	0	0	0
!		01/03/2018	OPERATORE 11	58424	1411	0	0	0
!	●	01/03/2018	OPERATORE 11	58424	0020	0	0	0
!		01/03/2018	OPERATORE 11	58424	0576	0	0	0
!		01/03/2018	OPERATORE 11	58424	0395	0	0	0
!		01/03/2018	OPERATORE 11	58424	0727	0	0	0
!		01/03/2018	OPERATORE 11	58424	0714	0	0	0
!	●	01/03/2018	OPERATORE 11	58424	0323	0	0	0
!		01/03/2018	OPERATORE 11	58424	1303	0	0	0
!	●	01/03/2018	OPERATORE 11	58424	0901	0	0	0
!	●	01/03/2018	OPERATORE 11	58424	1330	0	0	0
!	●	01/03/2018	OPERATORE 11	58424	1580	0	0	0
!	●	01/03/2018	OPERATORE 11	58424	1077	0	0	0
!		01/03/2018	OPERATORE 11	58424	0081	0	0	0

Evento	Data/ora
Coin mechanism: Failed power supply - Switch on system	12/02/18 12:11:00
Coin mechanism: Failed power supply - System switch off	12/02/18 12:05:00
Coin mechanism: Failed power supply - Switch on system	12/02/18 11:37:00
Coin mechanism: Failed power supply - System switch off	12/02/18 11:36:00
Coin mechanism: Failed power supply - Switch on system	12/02/18 11:01:00
Coin mechanism: Failed power supply - System switch off	12/02/18 11:01:00

Customization of events / faults that turn on the red alarm in the list of bags

As said GD based on the EVA-DTS alarms registered in the statistics (typically from the change-giver coin mechanisms) turns on the bag grid an alarm (red dot) at the top of the line containing the detection to be verified.

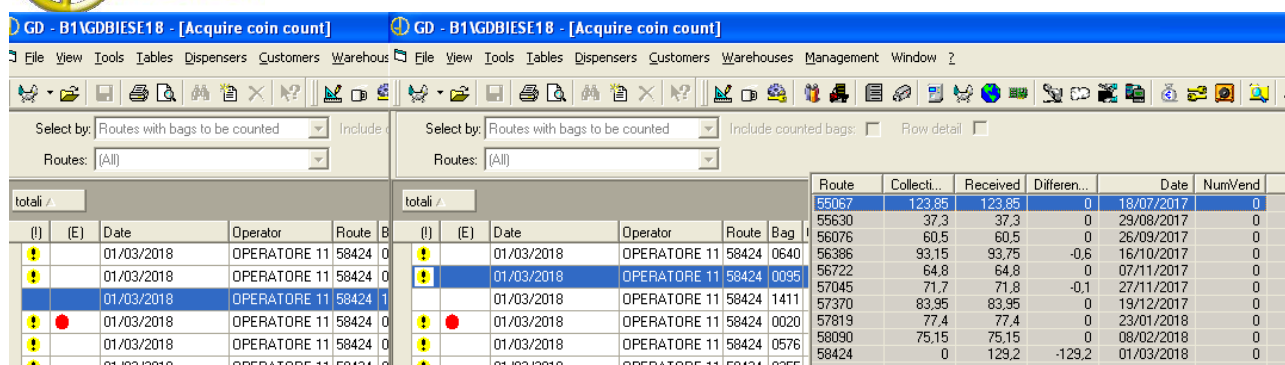
It is also possible to exclude some events from the list of those that turn on the alarm (red dot) in the line of the bag to be counted. In fact, some events recorded by the coin validators represent “false positives” and may actually not be significant for the purposes of control in the room, based on the type of coin validator and sometimes also on the type of dispenser.

To exclude an event / fault from the control, once the alarm list is displayed by double clicking on the red dot, simply select it and press the CANC key. The event will be removed from the list and will be ignored from now on. NB: In order not to interfere with any counting operations, to update the list of bags taking into account the new exclusions / reinclusions it will be necessary to clean the screen and reload the list of bags.

If necessary, it is however possible to include the excluded events by pressing CTRL and clicking on the header of the list of bags where the red alarms are displayed: In this way the list of ignored events is displayed, and selecting and pressing DELETE on those desired. , they will be considered again when the alarm is turned on.

Display of the last ten collection / cashed values in coin count acquisition.

The possibility has been added to Coin Counting Acquisition, by pressing the Detail button when you are on the "Difference" column in the cell of the line of interest, to have the list of the last 10 movements of the dispenser collection / collection analysis. This allows, at a glance, without making the appropriate analysis separately, to understand, in the event of discrepancies between collection and collection, if the difference is due to some previous situation or not.



Route	Collecti...	Received	Differen...	Date	NumVend
55067	123.85	123.85	0	18/07/2017	0
55630	37.3	37.3	0	29/08/2017	0
56076	60.5	60.5	0	26/09/2017	0
56386	93.15	93.75	-0.6	16/10/2017	0
56722	64.8	64.8	0	07/11/2017	0
57045	71.7	71.8	-0.1	27/11/2017	0
57370	83.95	83.95	0	19/12/2017	0
57819	77.4	77.4	0	23/01/2018	0
58090	75.15	75.15	0	08/02/2018	0
58424	0	129.2	-129.2	01/03/2018	0

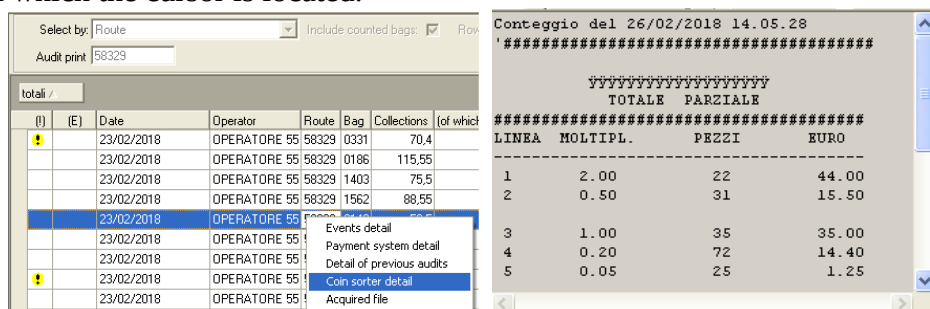
Memorization of coin counting data (counted detail)

In addition to the automatic withdrawal of the count value, from this version the output is registered to the counters that are connected in printer emulation mode (ie all those introduced more recently). This also allows, at a later time and in case of need (disputes or in any case differences between Cashing and Collection), to establish also which type of coins counted are not consistent with what is registered by the payment system.

The report on the counted bag can be viewed by pressing the Detail button while on the "Built-in" column. We remind you that the data coming from the system is instead available by pressing detail when you are on the "Incasato" column.

Added context menu (dx key) for detail functions

From this version it is possible to access the different levels of detail available on the Coin Count Acquisition grid with the right mouse button, regardless of which column you are on. If the relevant information is available, the contextual menu is always displayed with all the options that allow you to view them. However, the Detail button remains available which displays the information based on the column in which the cursor is located.



LINEA	MOLTIPL.	PEZZI	EURO
1	2.00	22	44.00
2	0.50	31	15.50
3	1.00	35	35.00
4	0.20	72	14.40
5	0.05	25	1.25

Retail improvements previous surveys

By pressing the Detail button or with the new contextual menu, it is possible to display in the list of the last ten withdrawals on the system also the number of total sales (starting from the new surveys recorded with version 6.5A)

Percorso	Incassi	Incasato	Differenza	Data	NumVend
65	28,2	28,2	0	26/04/2017	0
116	14,8	14,8	0	10/05/2017	0

Added printing of the detail of the coin counter (if available) to print detection

The print detection, which contains all the data available in the audit of the payment system, now includes a section at the bottom with the printing of the count coming from the counter and its detail,

if available. It is as always obtainable from the Print button of the coin count acquisition and relative to the currently selected line.

Acquisizione conteggio moneta - Stampa Rilevazione

Sito	CLIENTE 386 SITO 424	Operatore	OPERATORE 37
Distributore	D/A 3580	Percorso	58.326 Sacchetto 1555
Sistema	ECS COGES	Data	23/02/2018
Master	COG00326002	Numero rilevazione	56
		Data rilevazione	23/02/2018 9.39.00
		Data rilevazione precedente	14/02/2018 11.27.00
	Parziali	Totali	
Incassato (in cassetta)	324,30	0,00	Mancata vendita 0,00
Incassato tot. (accettatore)	435,15	0,00	Venduto ad importo esatto 0,00
Incassato x ricarica chiavi	55,15	0,00	Venduto bonus 0,00
Incassato per vendita	380,00	0,00	N. vendite bonus 0
Venduto totale	339,50	0,00	Ricarica chiavi con bonus 0,00
Venduto in contanti	264,80	0,00	N. monete in cassa 0
Venduto chiavi	74,70	0,00	Valore monete in cassa 324,30
Incassato nei tubi	110,85	0,00	N. banconote in cassa 0
Reso dai tubi	115,10	0,00	Valore banconote in cassa 0,00
Carico manuale nei tubi	0,00	0,00	Sconti chiave 0,00
Erogato manuale dai tubi	0,00	0,00	
Venduto da altro sistema	0,00		
Incassato da altro sistema	0,00		N. vend. contanti FT 0
Valore nei tubi	11,60		Val. vend contanti FT 0,00
Incassato sovrapprezzo	0,10		N. vend. chiave FT 0
Totale battute a moneta	395		Val. vend chiave FT 0,00
Totale battute a chiave	109		

Valore	In cassa	Accettate	Caricate manualmente	Nei tubi
0,05	0	12		0
0,1	0	208		0
0,2	0	77		0
0,5	0	29		0
1	0	135		0
2	0	69		0
=====		=====		=====
Incassi	0	324,3	0	0
Banconote	0			

Stampa da contammonete *****

TOTALE PARZIALE *****

LINEA	MOLTIPL.	PEZZI	EURO
1	2.00	69	138.00
2	0.50	29	14.50
3	1.00	135	135.00
4	0.20	80	16.00
5	0.05	12	0.60
6	0.10	207	20.70

Valuta:			0.00
TOTALE EURO :			324.80

Data: 23-10-2018 05:07:00 *****

Insertion of the value of the missing in the manual input of the banknotes

Upon confirmation of the count, the further request for the amount of the banknotes can be enabled by GDAdmin with a special box (it must be activated by the general settings only if necessary according to the counter).

Information for the management of the adjustment fields

To better manage the information of the counting report, from this version some improvements have been introduced to the management of the coin count. In particular, the possibility has been included of managing the new fields to track any differences between the collected value provided by the payment system and the one counted in the room. The new fields are mainly used to classify in a precise manner, where it is available, the possible differences between the box collection and the count. The new fields allow you to enter the amount of any theft, the value of any technical tests and that of other differences generally known as possibly described in the notes.

Summarizing in addition to the value **Collected** (in box) which is the main data provided by the payment system, and the **Incassi** (which corresponds to the bag count), the fields considered in the

balancing of the amounts from the ver. 6.4 are: **Reimbursement**, Value of **Technical Tests**, **Theft** and **Other differences** and **Amount Recharge Key**. Therefore from the ver. 6.4 the formula of the **Difference** (previously called missing) is

Difference = Incassi (counted) + Refund + Technical Tests + Theft + Other differences + AmountRechargeKeys - Cashed (In box)

In addition to these, but not used in the calculation of the Difference, are available always Impact Change and from this version Virtual recharge (amount charged by the customer via electronic purse of the charger to be filled in manually) and, as far as the Incassi field is concerned, the possibility to indicate as always the share of banknotes (DiCuiBanconote) and that eventually of tickets (DiCuiTicket) included in the value.

Last column inserted is the display of the amount manually loaded in the change-giver coin mechanisms derived from the EVA-DTS detection. However, this information, which has always been available in the changeover tube analysis, allows you to quickly dispose of the amount needed to replenish any cash back for replenishing the change-giver validators performed by the loader.

In addition to highlighting the Total Banknotes counted, this version shows the general totals of the screen for all the amount fields at the bottom of the grid. The relative subtotals are also shown for the possible grouping levels, where the rows are grouped with the traditional GD grid tools

Count Line Detail Area

In advanced coin counting mode (settable from GDAdmin / Opt. D), it is possible display a detail area of the row being counted. The window, which can be resized at will and thus makes the information more evident, shows the salient data of the count itself and also allows to intervene on the values imputed manually as it happens on the grid. The area is displayed at the bottom right.

Bag	Dispenser		
0331	D/A 1483 (CLIENTE 1204 SITO 2446)		
Received	Counted	Tests value	Reimbursement
70,3	70,4	0	0
Theft	Key reload	Other differences	Difference
0	0	0	0,1
Change giver	Virtual refill	(of which Banknotes)	(of which Tickets)
0	0	0	0
Manual load	NOTE		
0			

Grid print configuration Coin count acquisition

The coin count acquisition print is often used for different purposes; although the information was very extensive, the complete printing of the grid was in some cases not satisfactory. Therefore, the box with which the type of print was requested has been replaced by a configurable menu. In fact, in addition to printing reports of daily collections and complete printing, it is now possible to create multiple prints by configuring which columns of the grid you want to print, choosing the Configure grid printing item.

(Cash total) 0,00										Exit			
Bags count: 0		(Total banknotes) 0,00		Tot. Takings: 0,00		Audit check		Detail		Print		Count	
Audit print													
Print still not counted bags													
Print grid													
Configure and print grid													
Dispenser	Origin	Ubicazione	Data Consegna	Reimbursement	Key refill	(of which T)				ImpRendiresto			
CUSTOMER 3 SITE 5	V/M 35	.	KIKKO MAX	0	0	0		0		0		0	
CUSTOMER 4 SITE 6	V/M 36	.	PERLA	0	0	0		0		0		0	
CUSTOMER 5 SITE 7	V/M 37	.	SNACKY RY	0	0	0		0		0		0	
CUSTOMER 6 SITE 8	V/M 38	.	SNACKY RY	0	0	0		0		0		0	
CUSTOMER 7 SITE 9	V/M 39	.	SG 5000	0	0	0		0		0		0	
				0,00	0,00	0,00		0,00		0,00		0,00	

Each scheme provides for the choice of columns and also some configuration possibilities, and one of the schemes can be set as Default. From the configuration window it is also possible to print a preview.

GD - TISQL2\GD\SQLVGDCESE_EN

File View Tools Tables Dispensers Customers Warehouses Management Window 2

Acquire coin count

Select by: Routes with bags to be counted Include counted bags: Row detail

Routes: [All]

Bags count: 0 (Total banknotes)

Print configuration

Print configuration List collections to be checked Predefined

Columns

- ☒ Bag
- ☒ Collections
- ☐ (of which Banknotes)
- ☐ Received
- ☒ Difference
- ☐ Tubes Diff.
- ☐ Site

☐ Horizontal orientation

☐ Fit width to 1 page

☐ Print on TXT file

Print Delete Save Exit

GD - TISQL2\GD\SQLVGDCESE_EN

File View Tools Tables Dispensers Customers Warehouses Management Window 2

Acquire coin count

Select by: Routes with bags to be counted Include counted bags: Row detail

Routes: [All]

(Cash total) 0,00

Bags count: 0 (Total banknotes) 0,00 Tot. Takings: 0,00 Audit check Detail Print Count

Audit print
Print still not counted bags
List collections to be checked
Configure and print grid

(I)	(E)	Date	Operator	Route	Bag	Collections	(of which Banknotes)	Received	Difference	Tubes Diff.	Site	DispenserCode	Dispenser	Origin	Ubicazione	Data Consegna	Reimbursement	Key refill	(of which T)	ImpRendiresto	In
27/09/2012			OPERATOR 3	1	S1-1	0	0	0	139,5	-139,5		64,9	CUSTOMER 3 SITE 5	V/M 35	.	KIKKO MAX	0	0	0	0	0
27/09/2012			OPERATOR 3	1	S1-2	0	0	0	70,15	-70,15		0	CUSTOMER 4 SITE 6	V/M 36	.	PERLA	0	0	0	0	0
27/09/2012			OPERATOR 3	1	S1-3	0	0	0	120,05	-120,05		0	CUSTOMER 5 SITE 7	V/M 37	.	SNACKY RY	0	0	0	0	0
27/09/2012			OPERATOR 3	1	S1-4	0	0	0	86,7	-86,7		0	CUSTOMER 6 SITE 8	V/M 38	.	SNACKY RY	0	0	0	0	0
27/09/2012			OPERATOR 3	1	S1-5	0	0	0	200,5	-200,5		61,4	CUSTOMER 7 SITE 9	V/M 39	.	SG 5000	0	0	0	0	0
Total						0,00	0,00	0,00	617,70	-617,70		126,30					0,00	0,00	0,00	0,00	0,00

Acquire coin count - List collections to be checked

Gestione Distribuzione Automatica
01/07/19 11.48

Acquire coin count - List collections to be checked

Routes with bags to be counted
(All)

(I)	(E)	Date	Operator	Route	Bag	Collections	Difference
!		27/09/2012	OPERATOR 3	1	S1-1	0	139,5
!		27/09/2012	OPERATOR 3	1	S1-2	0	70,15
!		27/09/2012	OPERATOR 3	1	S1-3	0	120,85
!		27/09/2012	OPERATOR 3	1	S1-4	0	86,7
!		27/09/2012	OPERATOR 3	1	S1-5	0	200,5
						0,00	617,70

AdE Information in the Coin Count

In the Coin Count Acquisition screen, salient information regarding the sending of the detection to the AdE, including any errors, has been entered.

Exit

Audit check Detail Print Count

File EVA-DTS	Inviato AdE	Errori AdE	Num/Vend
	No		0
	No		0
	No		0
	No		0
	No		0

Other support tables

Operator data table

This table, which can be accessed from the Tables menu of GD, allows you to manage the personal data of the company operators, allowing you to specify the role it plays within the company. When adding an operator the mandatory fields are Name / Company Name and Role, all others are optional.

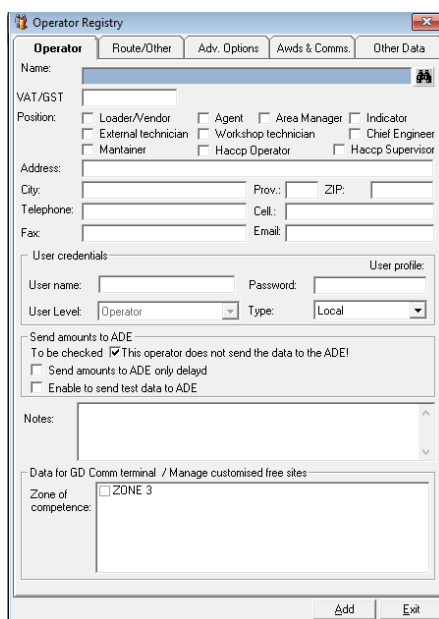
To *add* an operator fill in the required data and press Add.

To *modify* or *consult* an operator, go to the Name / Rag field. Soc. And recall the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording.

To *delete* the card, press Clear.

- Operator Card

This tab shows the general personal data concerning the operator, the roles this plays within the company.

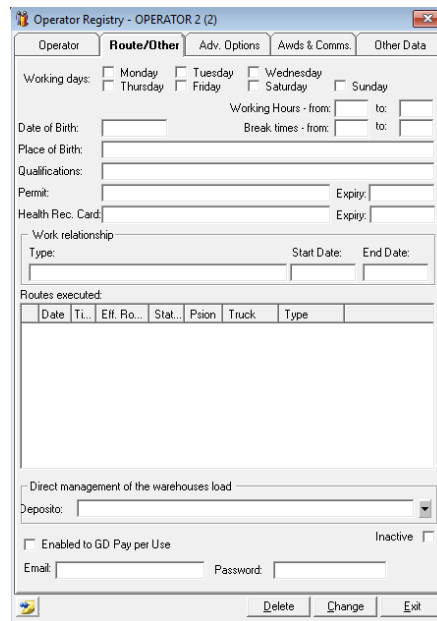


User Credentials: This section allows you to specify the User Level (Manager, Operator, Not Enabled), the Password (to access the program or the automatic reload data route function), the User Name and the type of connection (Local / Remote)

Inactive: this option, if enabled, makes the operator unusable in normal management. Therefore, the inactive operator's card is no longer accessible and it is not possible to create daily routes related to the Operator in question. Activation can be performed again using the "Reactivate GD element" function present in GD Admin in the "Management" menu.

- Perc./Other

In this tab it is possible to indicate in more detail the personal information concerning the operator, for example: the date and place of birth, the degree, the driving license and the health card with the possibility of entering the deadlines concerning these last two items.



Performed routes: It allows you to view the routes performed by each of the operators with the date and time of departure (since their registration was entered), the actual route number, the status (A = Open / C = Closed)) and (P = sent to the terminal, L = Local or not started), the van used and the type of route (or the zone if it is a zone route)

- Advanced Options

Terminal type: Allows the operator to be assigned the type of terminal used.

In GD 4 types of terminals have been defined that correspond to as many software platforms with an application based on SQL. The types defined in GD are:

Windows CE 4.2 (SQL) - typically Psion Workabout Pro G1

Windows CE 5.0 (SQL) terminals - typically Psion NEO

Pocket PC 2003 (SQL) terminals - typically consumer-type Pocket PC terminals HP-Ipaq with PPC2003 operating system SE

Windows Mobile 5/6 (SQL) - typically Pidion terminals or Psion Workabout Pro G2 terminals or all handheld PDAs with Windows Mobile 5 or higher.

These handhelds can be connected to GD through the USB port with Microsoft ActiveSync, or via the network (depending on how the configurations are set in General Settings of GDAdmin / Opt. E) In case of choosing the connection via network, it is possible to do so with the old Standard protocol, or use the GDTrasfServices.

Android USB - typically smartphones or terminals based on Android operating system and connected to GD through the USB port

Android GDTS - typically all typically smartphones or terminals based on Android operating system and connected to GD via LAN or WAN (through GDTrasfService) Site

Management free and notes on terminal: It allows you to set operator level customizations for sending free sites to the terminal and to enable forcing the use of the barcode reader for product delivery.

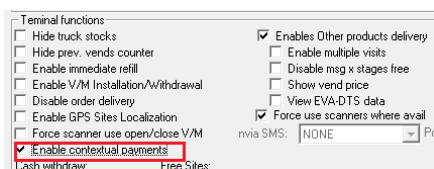
Terminal

qualifications In this area there are all the various qualifications possible at the individual operator level, ie it is possible to decide in detail, exactly what the individual operator can or cannot do. The various qualifications are explained in the respective paragraphs, however the main ones are:
Hide van stocks (which allows not to show the remaining stock on the van to the loader)

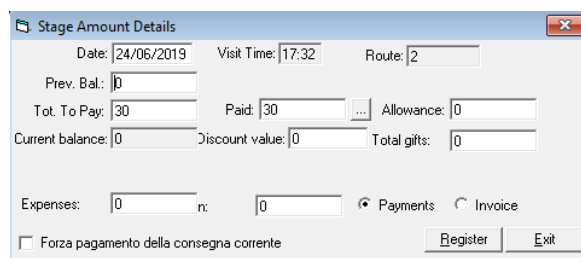
Hide previous items (hides the previous value for manually inserted meters from the loader)
 Enable immediate reinstatement (allows the pointer to replenish the load even during the journey)
 Enable installations / withdrawals (allows the loader to perform installations and withdrawals)
 Disable order delivery (deactivates the order delivery function in one fell swoop)
 Enable GPS location Customer Sites (allows locate sites and memorize the position of a site)
 Force scanner use (opening closing V/M) and delivery of products: (obliges to use the scanner for these tasks)
 Enable delivery Other products (allows you to deliver other products than those enabled on individual V/M)
 Display sales price (allows you to view the selling price eng)
 View EVA-DTS data (allows viewing the EVA-DTS file for technical uses)

Force payment for current delivery

If a customer has a previous balance, maybe also because he can have a usual payment method different from the one directed to the operator, a possible delivery with contextual payment was to be placed in GD ErmChain accounting since GD assigns the amount going to close the oldest balances. To remedy this, for the managements / operators that work in this way, a new option has been created in the loader / advanced tab "Force current delivery payment".

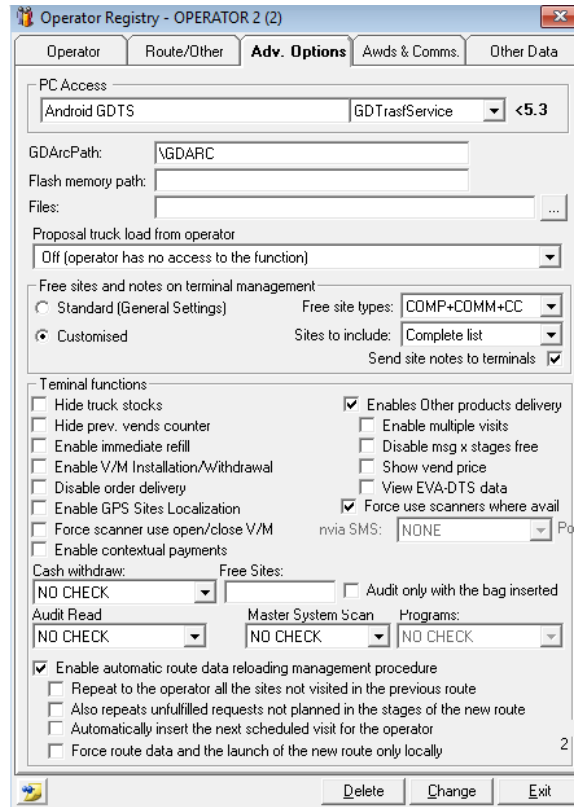


If activated, when the operator records the payment of the delivery with the exact amount (net of any rebate), the payment of the current delivery is forced by GD, even in the presence of a previous balance. In any case, the setting can be changed case by case in the detail of the stage from the Accounting tab of the client site.



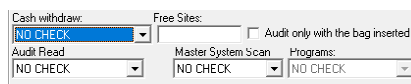
Collection Collection

Check on collection of the collection / collection, which can be a real block (MANDATORY = any machine must be collected), or show a warning (OPTIONAL = non-blocking) or not verified (NO CHECKS). This control, for the machines for which a built-in is foreseen, can also determine the detection, by ticking the Detection box only with the bag inserted, which blocks the possibility of making collection detections without the bag being taken (This option has no effect on the dispensers who have not enabled the built-in product and from whom therefore no money is withdrawn)



Audit Data Collection

Control Check on the collection of the survey, which can be a real block (MANDATORY = any machine must be taken anyway; detection), or to show a warning (OPTIONAL = not blocking) or not to be verified (NO CHECK) Warning: setting this box mandatory determines the fact that any operation done on a V/M that has a master system forces the loader to do the withdrawal, therefore, can be particularly binding, to allow greater operational freedom to the charge without risking to exceed the legal limits, from version 6.4D it is also possible to indicate a minimum interval in days for the execution of the check. Indicating 0 the control of withdrawal is carried out every time, while setting any number x of days, the check is done only after x days from the previous sending.



Alternatively, for a verification only in the office, the "Checklist of V/M visited but not detected" is available, which shows which machines have been moved but not detected by the operators, which is less invasive than the control on the handheld.

Possibility of configuring the type of bag field (Bag Type) to limit errors

To reduce cases of error in the bag allocation, especially when this occurs via barcode, it is possible to define rules for the field in which the data is stored on PDAs.

The setting, completely optional, can be related to any bag used in the management, or configurable for each operator.

To limit the input of incorrect data (for example the barcode of the V/M wrongly scanned), a 'mask' is defined to which the bag number must conform, otherwise the value is not accepted. Obviously if the field is empty the input is free as always in GD.

For example, putting in Bag Type as the first two MR characters will be accepted (by hand or via barcode) only bags starting with MR (which could mean for example the bags of the Mario Rossi operator).

The global setting of the Bag Type is found in the General Settings / Automation, while the specific one of the operator in the homonymous field in the Advanced Options of the Operator tab. The possible specific setting by operator has priority over the global one and allows to customize the bag codes for each operator typically by preceding the bag code from an identification of the operator himself).

Cash withdraw:	Free Sites:
NO CHECK	

As 'mask' in the Bag Type field it is possible to insert:

- Letters / numbers: it means that the code must have the letters / numbers indicated at the specific position.
- Characters "%": It acts as a mandatory placeholder for the code, that is, if specified the variable part of the code must be exactly the number of % characters indicated.
- Characters "?": It acts as a placeholder for the number of characters in the code, or if specified the variable part of the code must be at least the number of characters indicated.

Examples:

If Bag Type is equal to %%%%% it means that the bag code can only be of five characters (any), neither more nor less.

If Bag Type is equal to ????? means that the bag code can be from one to five characters long (any).

If Bag Type is equal to MR %%% it means that the bag code must start with MR and be only five characters (eg from MR001 to MR999). An MR01 bag will not be accepted as valid.

If Bag Type is equal to MR ??? means that the bag code must start with MR and be from 3 to five characters long (eg from MR1 to MR999). An MR1 bag will be accepted as valid as well as an MR999.

Blocking of the input of bag codes composed of characters all the same on the terminals

To avoid typing errors or erroneous continued pressing of a button, perhaps in the bag, from this version GD will no longer accept the value if the characters entered in the bag are 10 (the maximum) and they are all the same. For example on some terminals the key 2 which is the one under the Scanner could remain pressed, and therefore in some cases the bag was "2222222222" and could overwrite the true value, creating an incongruence to be verified later in the room counts.

Blocking of the overwriting of the bag field on the terminals

From this version, a bag is scanned that is already scanned: scanning a barcode will therefore no longer overwrite the bag code already present: therefore if the operator had the wrong barcode or bag number in any case, he will have to manually delete the field by deleting the existing one before you can scan a new code.

Blocking of the detection from palmtop if the bag has not been inserted

From this version it is possible to activate also a control which obliges to have inserted a bag code in order to make the detection by palm. This option can be activated for each operator in the advanced options of the Operator.

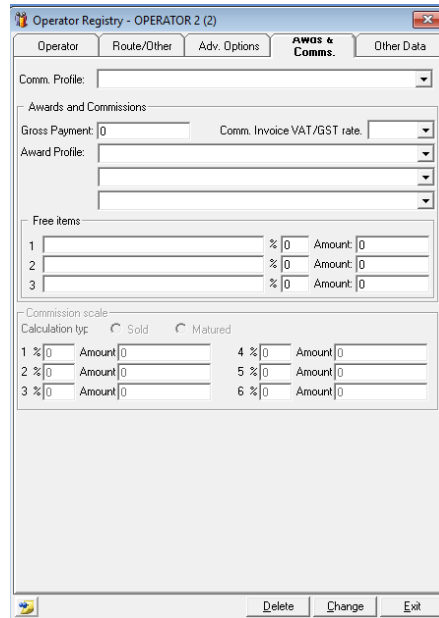
☐ Rilevazione solo col sacco inserito

If the box indicated is checked, for the operator in question the Detection menu will be activated only after having inserted / scanned the bag (otherwise the detection menu remains deactivated). The check

is obviously only valid if the built-in line is present in the dispenser (to insert the bag). In the case of dispensers where collection is not required, the lock is not active.

- Awards and commissions

Provisional profile: it is used to assign the commission to the operator



Awards and Commissions:

Gross Comp .: indicates the gross remuneration or base compensation.

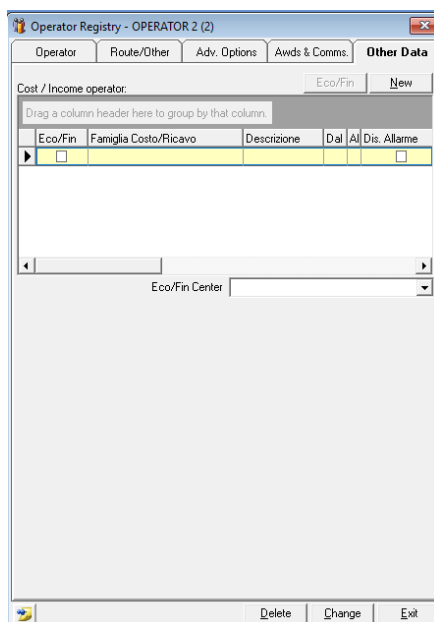
VAT Rate Prov.: Represents the percentage of VAT on the commercial operator's invoice.

Award Professor: indicates the description of the type of prize to be awarded to the operator.

Free entries: these percentage fields have a free description for amounts to be deducted from the gross amount (eg enasarco, withholding tax etc.) and correspond to the percentage fields of the taxable amount for the application of percentages with free description.

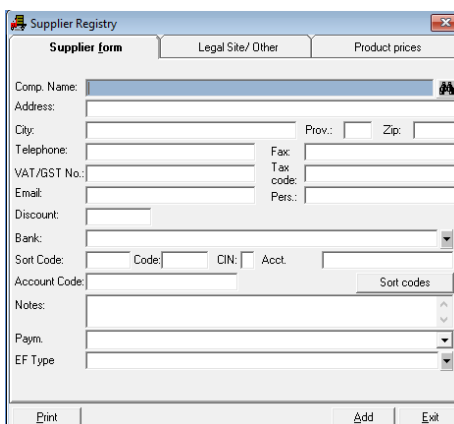
Commissions by stages: the possibility of setting the calculation for each operator regardless of the rules but on the basis of turnover / accrued with percentages based on absolute or relative brackets

- Other dataDatabase



Suppliers Table

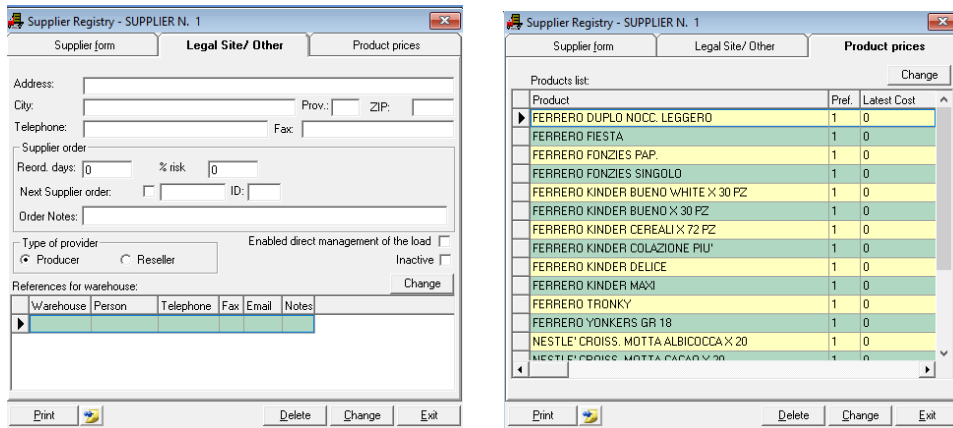
The Suppliers table, accessible from the Tables menu of GD, allows you to manage the suppliers of the company. The card contains personal data, data relating to the registered office and reference persons.



To *add* a supplier, fill in the required data and press Add.

To *modify* or *consult* a supplier, go to the Description field and call up the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

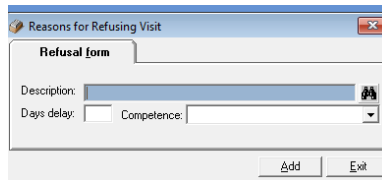
Supplier Company Name: Key field to search for inserted suppliers. Recall the desired item or a list of suppliers to choose from if two or more records are obtained from the specified search. Press ENTER (or type the first letters of the company name + ENTER) to choose the item of interest. By typing * SRL you get all the suppliers that contain the text "SRL" in the description.



Product	Pref.	Latest Cost
FERRERO DUPLO NOCC. LEGGERO	1	0
FERRERO FIESTA	1	0
FERRERO FONZIES PAP.	1	0
FERRERO FONZIES SINGOLO	1	0
FERRERO KINDER BUENO WHITE X 30 PZ	1	0
FERRERO KINDER BUENO X 30 PZ	1	0
FERRERO KINDER CEREALI X 72 PZ	1	0
FERRERO KINDER COLAZIONE PIU'	1	0
FERRERO KINDER DELICE	1	0
FERRERO KINDER MAJO	1	0
FERRERO TRONKY	1	0
FERRERO YONKERS GR 18	1	0
NESTLE' CROISS. MOTTA ALBICOCCA X 20	1	0
NESTLE' CROISS. MOTTA CAPARY X 20	1	0

Table of reasons for refusal

The table Reasons for refusal, accessible from the Tables menu of GD, allows you to manage the possible reasons for refusal, which the operator can record when you visit the customer site.



Postponement days: It is possible to enter a postponement period in days for each refusal, this timing of the refusal reasons influences the calculation of the days for the next visit date in the Add Stages grid available at the time the route is created.

In the case of entering a reason for refusal (which has set postponement days) the next visit date is no longer the one calculated based on the recharge interval days set in the dispenser / Other data tab, but is the last one rejection + the postponement days (set in Tables / Reasons for rejection).

NB: In the case in which the postponement days have not been set in the refusal reason, the proposed date remains the one calculated based on the recharge interval days set in the dispenser / Other data tab.

Competence: Allows the type of competence, technical, commercial example, etc. to be attributed to the reason for refusal

Keep customer request open: Allows you to keep the customer request open in the event that the corresponding reason for the rejection was recorded on a visit.

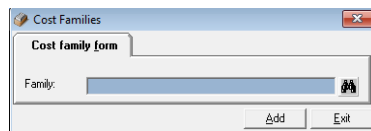
The keep open request flag affects all requests even if orders are not filled. Please note that if the request contains orders delivered despite the reason for the refusal, this will not be reopened.

The reopening of the request consists in the generation of a new request with the same data excluding the reference code, therefore it will not be possible to use the reference code of the previous request to identify the new one. This information will be inserted in the notes of the new request opened.

In the event that a technical request is generated for the actions not performed, the notes of the old request are replaced by the notes inserted by the person, in which case any previous notes are lost (eg: if you also use the mechanism for repeating an action not performed) in a request that is of loading and Technique, the notes entered that describe the orders will not be recoverable.)

Cost / Revenue Table

Family Table The Costs Family table, accessible from the Tables menu of GD, allows you to manage the registry of the cost families of the dispensers and vans. It allows you to enter the cost items, which then interests you to manage on each dispenser or van, such as for example Rental Cost (for positioning in a supermarket) or electricity cost (if there is a separate counter and the operator pays the consumption of the machine) or the amount of the van's car tax.



To *add* a cost family, simply type its name and press Add.

To *modify* or *consult* a cost family, go to the Description field and call up the item of interest. Press Edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

Description: Key field to search for cost families. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

By typing in * RENT you get all the dispensers families that contain the text "RENT" in the description.

Table Other personal data

Print other personal data in documents

In the table other personal data, accessible from the tables menu, it is possible to enter some data that, if enabled, can be displayed in the printing of the invoices and the Order TD .

Attention to visualize these data it is necessary to request the customization of the report.

The customer to use other data management must:

1. add from GD / Tables / Other personal data the items of interest (eg CUP and CIG specifying: Master Data = CUSTOMER and ability to print)
2. after adding the two values, you must print from the appropriate button on the form and tell us the 'print code' of the two new parameters (alternatively send us a copy of the print in electronic format), with these codes we can modify the customized reports in so that the two fields are printed when necessary.

In addition, on GDAdmin, a new folder called Other Data is available which allows you to modify / Delete other data that may be present in the documents. It is not possible to add new entries to the document from the other data but only to modify or delete the existing ones.

Customer Status and Contract Status Tables

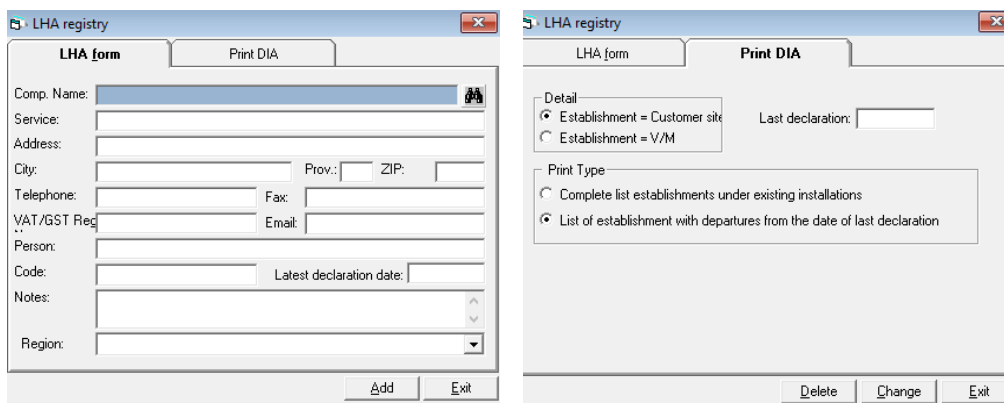
These tabs, which can be reached in GD from the Tables menu under Commissions and Promotions, have additional information functions to make further distinctions that must be used to obtain statistical reports and must be filled in to be included in the card of each individual Customer .

Customer status: This function allows you to assign a specific color to the customer Status, so that the color distinction applied to each of them is immediately displayed.

Contract Status: This function allows you to assign a specific color to the Contract Status, so that the chromatic distinction applied to each of them is immediately displayed.

Table Master LHA

Table LHA **master** data, accessible from the menu Tables GD, used to manage the local health authorities in the area where work management. The card contains personal data that are used in the printing of the Declaration relating to installations and withdrawals. In the Customer Site tab it is necessary to indicate the competent LHA for that customer site.



To *add* an LHA fill in the required data and press Add.

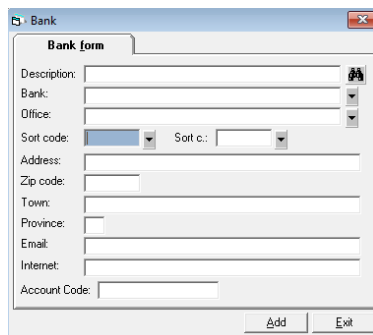
To *modify* or consult an LHA, go to the Rag field. Soc. And recall the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press *Clear* to delete the entry.

Company name LHA: Key field to search for the LHA entered. Recall the desired item or a list of LHAs to choose from if two or more records are obtained from the specified search.

Press ENTER (or type the first letters of the company name + ENTER) to choose the item of interest. By typing * COMPANY LHA you get all the suppliers that contain the text "COMPANY LHA" in the company name.

Tables Banks Database

The Banks table, accessible from the Tables menu of GD, allows the list of Banks.



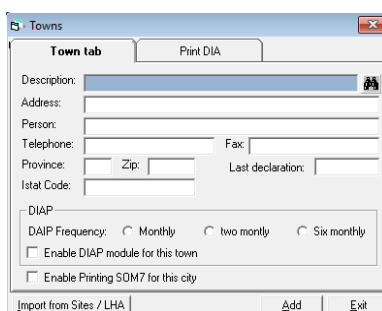
To *add* a bank fill in the required data and press Add.

To *modify* or *consult* a bank, go to the Description field and call up the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press *Clear* to delete the entry.

Table Master municipalities

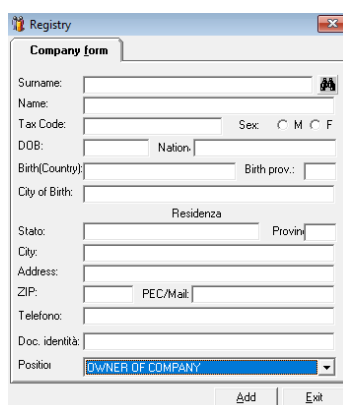
Table **Master**municipalities,accessible from the menu Tables GD, allows you to manage the relevant municipalities in the area where work management.

As for the insertion of a new municipality, where new dispensers are registered and installed, it is possible to register in two ways, by entering them directly in the Common Master Data tab by entering them directly from the Customer Sites Master Data Sheet and then importing them into the Common Master Data tab through "Import from Sites" command, which verifies the municipalities present in the sites and not in the table, and for each allows or insert it in the table or replace it with an existing one in the table itself.



Business Master Data Table

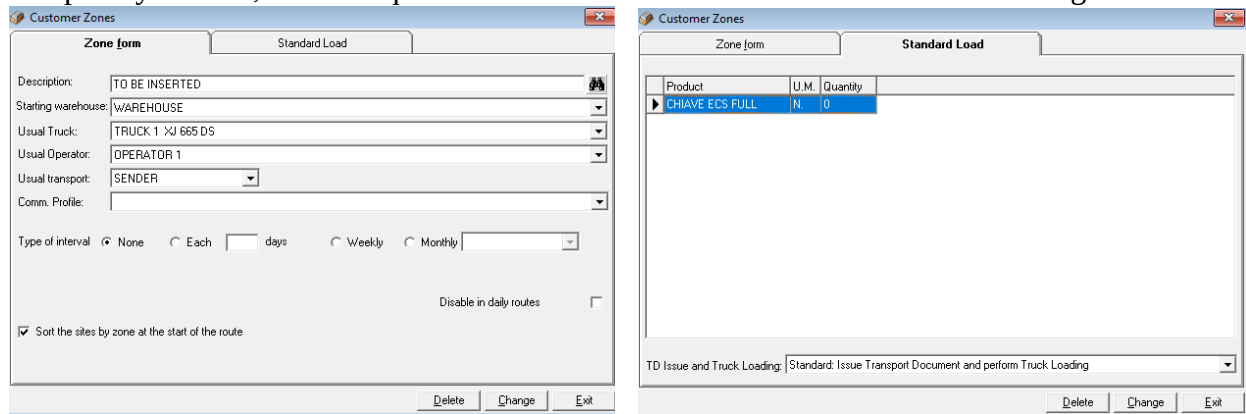
The **Business Master Data** Card, which can be accessed from the GD Tables menu, allows entry the data relating to the personal data of the owner of the sole proprietorship or the legal representative or of any partners, necessary for the compilation of the Declaration to the municipalities. This tab, under the "Role", remains strictly tied to the parameters set in the Common declaration data form, since only roles inherent to the "type" set in the initial configuration are provided and accepted in the "Role" box (see paragraph "Common declaration data ").



Eg if on a joint declaration data the company will be configured as a company, it will not be possible to select the data relating to an individual company in the "Company data" tab, under the "role" heading; in the event of an error, the program will immediately report it. Each registry has a role that is then used consistently and verified in the declaration to the municipalities.

Customer Zone Table

The **Customer Zone** table, accessible from GD's Customers menu, allows you to group customer sites by area they belong to. The zones can be used for statistical purposes or for the (automatic) generation of *the actual routes*, in this case it is possible to specify the route parameters (main warehouse, vehicle and regular operator), the standard load and recursion. This data may not even be completely entered, as it is requested and can be modified when the actual route is generated.



Description: Key field to search for customer zones. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the area of interest.

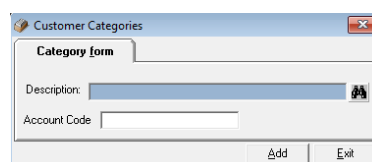
By typing * CENTRO you get all the zones that contain the text "CENTRO" in the description.

Recursion: Rotation parameters in the specification of the route based on the zone, if indicated. It can be weekly, monthly or based on an interval of days. This information does not automatically determine the generation of the route according to the area, but is shown in the properties of the Daily Routes so that the vending company can determine how to proceed from time to time.

Customer Category Table

The **Customer Category** table, accessible from the Customers menu of GD, allows you to group customer sites by Categories.

Customer Categories can be used for statistical purposes.



Description: Key field to search for client categories. Recall the desired item or a list of codes to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the area of interest.

By typing * private you get all the Categories that contain the text "private" in the description.

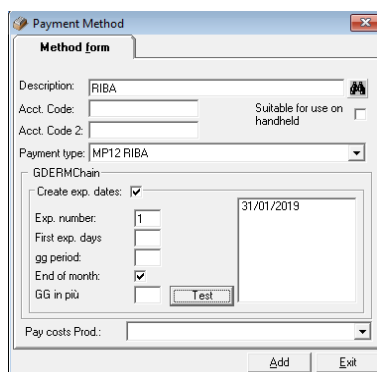
Payment Methods Table

The **Payment** Methods table, accessible from GD's Customers menu, allows you to add / change the payment methods to be used on the Customer Data and Suppliers Master Data tables.

By correctly setting the data in this table it is possible to create the RiBa files in CBI format to present them to the banks. This function is performed by the GDERmChain module but is also enabled for users who do not have the relevant license.

By taking advantage of the information on the support bank on the customer card (used inter alia in the issue of the Ri.Ba), it is also possible to have the deadlines printed on the invoice. To have it, it is sufficient that the user requests the insertion of the field in the personalized report on PC and on PDAs (if in use). To obtain the printing of the deadlines on the PDA, the payment methods must have ticked the “usable on palmtop” item, otherwise the invoices issued by the PDA will indicate only the payment method. It should be noted, however, that the payment methods enabled for the terminal that have the first payment deadline > 0 are not listed among those that can be used to pay on the handheld.

If they want the printing of deadlines and related amounts, users who use customized billing reports (both for the PC and for the PDA) must request the update.



In the payment method you can also indicate the extra days to be added to the deadlines. To indicate this, simply enter the data in the payment methods folder.

Automatic management of a Product for payment expenses

It is possible to indicate in the various payment methods (Payment Mode Table in the customer menu) a product (payment) that represents the expenses to be added to the invoice, typically the cost of bank receipts but even more.

The product is added to the invoice when it is issued, both if the issue is made based on the order at the start of the route, and if it is made in the field by the operator, and finally also in the case of issue of the deferred invoice.

It is not necessary to enable the product in the type and in the dispenser as GD manages the product independently; the price (and therefore the issue cost) is set in the sales price list (it is recommended to set it in the general price list and if different in the price list linked to the Customer Site, as if the price is not present in the customer's price list, it is used the price of the general one). Once the product is included, a standard GD movement is generated even if there is no need to worry about its load and stock.

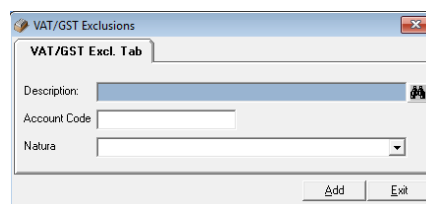
There is also the possibility of not including in the invoice the payment costs with the relative amount, even in the presence of the appropriate product and its configuration in the customer's payment

method. This allows you to manually manage "mixed" cases or to include the item only when you wish, at the operator's choice (by default if it is present is included). For example, if more visits and invoices are made in the month, it is possible to include the item only once.

The checkbox is visible in Accounting Summary -> Situation only if the payment method associated with the site exists and if it has a special "expenses / collection" type product associated with it.

VAT Exemptions Table

The VAT exemptions table allows you to manage various types of exemptions. The table is overridden with two standard exemptions, but no more can be added.



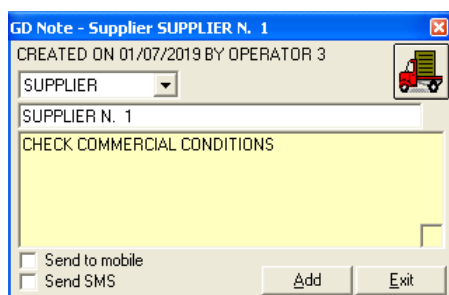
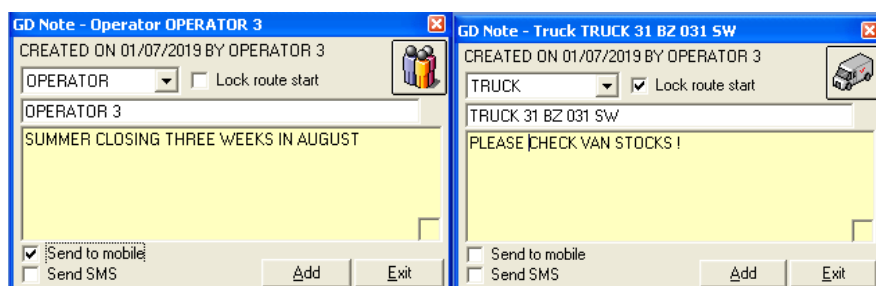
The screenshot shows a dialog box titled "VAT/GST Exclusions". Inside, there is a tab labeled "VAT/GST Excl. Tab". Below the tab, there are three input fields: "Description:" (a text box), "Account Code" (a text box), and "Natura" (a dropdown menu). At the bottom right of the dialog, there are two buttons: "Add" and "Exit".

In the customer data table it is possible to set the type of VAT exemption to be combined with the customer. The wording set on the customer card is printed on accompanying, deferred and company invoices in the event that the total tax is zero.

Management of personal data

To provide a complete tool in place of paper, notes can be stored in GD by associating them with the various personal data, in particular operators, vans, customers, customer sites, dispensers, suppliers, products and deposits. It is also possible to create generic text notes, not referring to personal data, which can also be used to start the program as a general reminder.

In general, each note, in addition to the text, contains the data to which it refers, the creation date and time and, if GD security is active, the name of the operator who entered it.

The notes can be created from each individual record card using the appropriate button  generally located at the bottom left (next to the Print button).

It is possible to create at the same time more than one note for each individual record, and each time the registry the same is reopened, **all the notes connected to it are automatically opened.**

From each note associated with a registry, it is possible, using the appropriate graphical button located at the top right of the note, to open the connected personal details form, in a similar way to what happens today from the Explorer.

A note remains active until the Cancel button is pressed, after which it remains in the archive, and upon cancellation both the operator and the date and time of the cancellation are recorded.

The list of active notes can be consulted via the Note List window, similar to the one already present in the Alarm List, which can also be used to print notes or open them individually or globally with the appropriate button. Finally, new notes can be created from here indicating the type of registry and specifying it directly in the note window.

Notes list					
Drag a column header here to group by that column:					
Type	Registry	Note	Insert by	Ins. Date	Stop van load
► SUPPLIER	SUPPLIER N. 1	CHECK COMMERCIAL CONDITIONS	OPERATOR 3	01/07/2019 12.37.13	■

☒ Show generic notes on start
 Only personal generic notes ☐

The notes associated with operators and vans can also block (as is the case with alarms on the van's inventory) the load and therefore the manual start of routes connected to them. This function is very useful in cases where the note is of particular importance (for example, it concerns the correction of the stock before letting the van out again). In these cases, to start the lap it is necessary to delete the note or deactivate the load lock and memorize it again.

If you have the GD MobileServer module installed and configured, each note can be sent at any time to one or more operators via an SMS message.

GD Note - Supplier SUPPLIER N. 1

CREATED ON {0} 01/07/2019 12.37.13 BY {0}

SUPPLIER

SUPPLIER N. 1

CHECK COMMERCIAL CONDITIONS

☐ Send to mobile
☒ Send SMS

Delete

Modifica

Exit

☒ OPERATOR 3

Send SMS

27 char

This allows to quickly extend the information of the note also to the operators in the field.

From version 6.0 the notes are also accessible in the Direct Sales / Delivery and in the Customer Requests, with some operational differences linked to the fact that the request entry is a mask that blocks the application and with some more functions. For this reason in the requests each note is in turn blocking and must be clicked before being able to access the next note and the request.

Any notes present on the customer, site and dispenser are displayed when the dispenser is chosen and are shown one below the other in front of the request itself.

If desired, there is a button (with the call icon) in the single note that allows you to enter the text of the note in the actual notes of the request, or those that are then sent to the terminal .. The note can be changed or by pressing hidden exit; in both cases it remains available (while if you press cancel it is obviously removed)

Next to the customer, site and dispenser is shown the small button for the possible insertion of a note that comes from the conversation with the customer (but that does not necessarily have to be entered in the request). Finally at the bottom is the button that allows you to redisplay the notes still active on the customer, site and dispenser (it has the same icon as the one visible in the window of the Notes list).

Display Notes on terminal

GD allows you to send notes to the terminals that can be viewed by the operators. To view them you need to enable Admin / Tools / General Settings / Options in the GD option **Send Notes Sites to Psion terminals**. On the terminal it is possible to send and view what is entered in the Customer site tab, Accessibility folder, or working hours, break times, closing days, recommended and not recommended days of client site. By enabling this option it will also be possible to view written notes within customer requests. Furthermore, if you also enable the **site / route to lose** option, you can send a temporary note to the terminal, which can be inserted in the Customer Sites tab in the Notes field, which is automatically deleted when the route is reloaded, or are sent at the terminal and reset at the return visit. The start of the route puts the notes in the route, the reload resets them.

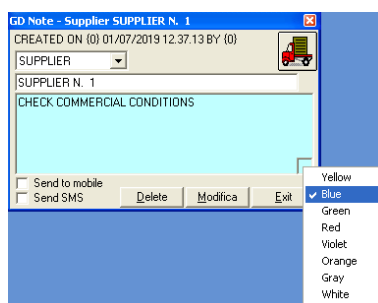
On the terminal, once the functionality is enabled, an * (asterisk) will appear next to the stage identification (TP) which will make it clear to the operator that the site has certain Notes, which the operator can view once the site name has been selected customer. Accessibility dates and times are always visible before the note.

General notes and display when GD is opened

To improve its use and allow its use instead of the classic post-it notes on the screen, the generic notes, that is those not specific to an entity in GD but which are displayed when the program, they can also be just personal (that is, every GD user sees his notes at opening (as if they were his post-it) but not those of others, and on

opening the notes, instead of all stacked, are displayed in so as to fill the available space allowing the operator to display as much information as possible

It is also possible to assign a color to the notes by clicking on the box at the bottom right of the note itself, which must be chosen by the user according to the logic that he prefers, is memorized with the note and this allows at a glance to understand what note it is.



GDTrasfServices and devices in the field

The GDTS is the most modern and performing mode offered by the GD platform via the network and allows to greatly simplify the operation of the handhelds. It uses the http protocol for both local network and Wan network communication.

Basically the file transfer and data conversion activities are performed automatically by the GDTS service and are not performed by the normal GD procedures, which are limited to preparing the necessary data and importing them once they are made available by the PDAs. This means that for example, at the start of a route, it will be chosen whether transfer to the terminal or local creation is desired and the load data and all the others required will be prepared. Data conversion for PDAs and their transfer will be carried out by the GDTS in a manner transparent to the user when the PDA is connected. The same is true for charging, inventories and even for installing the PDA.

In practice, data transfer operations take place automatically based on the situation of the routes on the PC and the status of the handheld computer and without manual operation. All operations take place with a "disconnected" logic between actions on the PC and the presence of the handheld device (obviously, if the PDA is connected to the charger it does not change anything, while the PC user will still be free to proceed before what happened in previously).

The GDTS service, which deals with dialogue with handheld computers and transfer files, is installed on the machine with GDLanServer and with the SQL Server (The installation is carried out by the installation and upgrade wizard (or anyway installation on the PC server with GD already installed) from GDUUpdate as usual, without requiring manual operations

Warning: The BASETERM directory will generally be present on the same machine and in any case of course MUST be shared and unique for the entire GD installation. verify that all the PCs that start the routes point to the same BASETERM folder on the server.The

transfer of data between servers and PDAs takes place with an HTTP protocol that replaces the FTP one so far used, which in addition to being more efficient, allows the use of GD Remote also with operators other than TIM, subject to appropriate contracts and qualifications

Data exchange logic with handheld devices

As stated in the logic of data exchange with palmtops is completely revolutionized by the GDTS. Previously, in fact, the operations on the PDA were controlled by the operator on the PC which, once the necessary data had been set up, chose the terminal of interest and started the operation. With the new system, the **handheld can connect in an absolutely asynchronous way with respect to the operation it has to perform.** For example, if you want to start a route to transfer to a handheld device, it is not necessary for it to be physically connected at that time. When connecting, the PDA will read if there is information for him (or if he has to send the data related to the work day) and will proceed autonomously. The same applies to performing an inventory for the same software installation on the terminal.

Any errors are displayed in the Situation message column in the route status window. The retransmission of a started route can be requested as before returning to the daily route screen and

pressing Start: the program will inform the user that the data has already been prepared but will set the status so that the handheld can repeat the pick-up not was successful.

Use of the Android PDA handheld PM80-Irda

Target Informatica has selected for use with GD a specific Android-based product that has comparable industrial features if not better than those of similar Windows Mobile devices used in the past. This device, called PM80-Irda, was also equipped with an ad hoc IrDA interface to facilitate the data reading process compatible with the Smart-Irda but contained in the body of the terminal. The handheld is also equipped with a barcode scanner and is in all respects analogous to its predecessors equipped with the so-called Windows Mobile.

Using Android smartphones with GD

As mentioned, you can also use smartphone / terminal devices with the Android operating system as a GD terminal. The versions supported by version 5.9A of GD are those starting from the 4.0 release of Android called Ice Cream Sandwich

One of the significant advantages of Android is certainly the economic aspect, as smartphones with relevant features can be purchased at a fraction of the cost of industrial handheld computers. This obviously is not without consequences and obliges us to submit to some compromises: an industrial PDA guarantees resistance, durability and overall reliability not comparable to that offered by smartphones, obviously at a higher cost. It goes without saying that devices of this type generally do not have specific certifications and are therefore not guaranteed against falls, humidity, splashes or dust.

Another thing to keep in mind is that the hardware of an industrial handheld device often includes a scanner (reader) for barcodes and an Irda (infrared) port, indispensable for downloading EVA-DTS data from payment systems: both of these functionality is not available today in consumer non-professional devices such as Android smartphones. However, the lower cost makes Android smartphones interesting, provided you keep the following in mind:

- The lack of the scanner can be overcome through the use of a portable scanner that connects via Bluetooth to the smartphone, however the strength and reliability of the solution does not it is comparable to that of an industrial PDA and in any case obliges the user to have to use a second object, generally as big as a matchbox, which is also hardly endowed with resistance characteristics higher than the consumer level; obviously the battery of this device must be recharged separately
- The lack of an Irda port obliges to collect the data from the payment systems through dedicated peripheral devices of the manufacturers such as collection keys and databoxes which are already widely integrated in the GD system. Depending on the payment systems used in the company this may or may not be a problem, but it is good to take this into account.

In general, while having the GD software on Android substantially the same functionality as the version for Windows Mobile, surely the smartphones give their best if used by operators who have commercial and technical roles, which among other things allows to exploit the better the wider screens generally available on these devices.

Use of Windows Mobile handhelds with GD

These are the most widely used handhelds in recent years with GD, typically of the Pidion 5000 and 6000 models as well as many other types of devices from each manufacturer. Unfortunately, Microsoft decided a few years ago not to further evolve the Windows Mobile operating system, so many alternatives are no longer available as hw has not been updated and many of the models used are now out of production. Target Informatica will continue to make these devices usable with GD for some time, but above all due to the unavailability of new peripherals, the development of new features will be concentrated essentially on the Android version.

GDAdmin configuration

First of all the GDMinServer configuration must have been performed in GDAdmin. Then;

- 1) Upgrading GD to at least version 5.8 or later on all PCs in thenetwork

GDTrasfServices is installed by the update procedure (you can alternatively install it by hand) and then check on your firewall / router that the PC is reachable from the outside (if you use the GDRemote) via port 33343 (by default it is 10 numbers above the port of the GDLanServer or 33333). Except for special configurations, it must be installed on the PC where the protection key and the SQL server are located.

- 2) On the server where GDTrasfServices was installed, open GDAdmin / General Settings / Options D
- 3) The first time you check the box after installing the GDTrasfServices, GDAdmin sets the service parameters and starts it, if all the necessary parameters are available, (or if SQL authentication was chosen when the management database was opened and if a valid Baseterm directory was specified). Otherwise, the box cannot be checked and the GDTs configuration error is reported. In this case, press the GDTs Configuration button and enter / modify the missing parameters.



The image shows a screenshot of the GDAdmin configuration window. It contains the following fields and controls:

- A text field for "GDLanServer IP and port (e.g.: 10.0.0.1:33333):".
- A "User connection for initialisation:" section with a "user" text field and a "Password: xxxxxxxx" text field.
- Two checked checkboxes: "Enable GDTrasfServices" and "Disable password on SDF file".
- Two buttons: "GDTs Configuration" and "GDLanServer Test".

- 4) From the second time on, checking the box does not start / stop the service nor does it register the configuration parameters but simply Enable / Disable the use of GDTrasfServices for current management. If the box is not checked, the GDTrasfServices is not used (the check can still be modified only on a PC that has the service installed) regardless of whether the service is configured and running or not.
- 5) The use of the current management service can be enabled by checking the Activation check or not, but this can only be done on the machine with the GDTs installed (on the other PCs the Activation box will be disabled).

Note that the service configuration screen also allows you to set the service even in more complex configurations (eg terminal server with multiple client sessions operating on different managements). Pressing Register the entered parameters are verified, set and made operational without making further start-ups or stops of the service necessary.



GDTrasfServices: Configurazione servizio

GDTrasfServices Server : M1 / Stato servizio: Avviato

SQL Server (PC\Istanza): TISQL2\GDSQL

Autenticazione User ID: sa

SQL Server: Password: [masked] ☐ Mostra

Gestione (Database): GDDCESE_EN

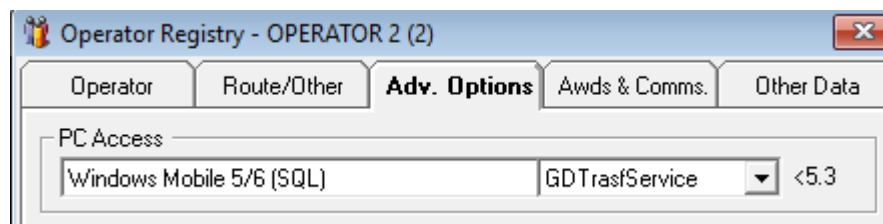
Directory Base Terminali: C:\BASETERM\

Abilita Invio Fatture A.d.E. ☒

Arresta Registra Uscita

Enabling the use of the service for individual operators

The enabling of the service (which must be done for each operator) takes place via the Operator Database and it is also possible to partially introduce the new mode for the various operators. It should be noted that the activation can only be performed for Windows Mobile 5/6 (SQL) handhelds and only if there are no routes started for the operator himself.



Operator Registry - OPERATOR 2 (2)

Operator Route/Other **Adv. Options** Awards & Comms. Other Data

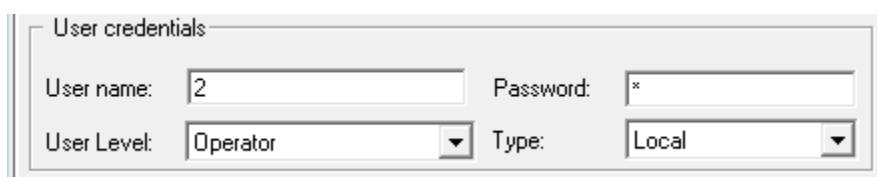
PC Access

Windows Mobile 5/6 (SQL) GDTrasfService <5.3

There are several possibilities: the Standard level (the usual mode), the GDTS level (GDTrasfServices), the GDTS Only Recharge level which is present for maintenance / verification purposes and finally the GDTS Admin, which allows the PDA to have a role of administrator of the handheld allowing administrative level settings and operations on the handheld GDTrasf.

To test the new function it is advisable to set the operator with whom you want to make the route as GDTrasfServices and your operator (or in any case that of who manages the PDAs in the office) at GDTS Admin level.

Note that the new GDTrasf is equipped with data access security features and it is therefore necessary to enter User and Password when connecting to the server. Therefore, if not previously entered, in the Folder tab specify User name and Password



User credentials

User name: 2 Password: *

User Level: Operator Type: Local

NB: the user level here is that of access to GD on the PC and has no relationship with the GDTS Admin privilege described above (ie it can be a handheld manager also a user who is not at level Manager in GD)

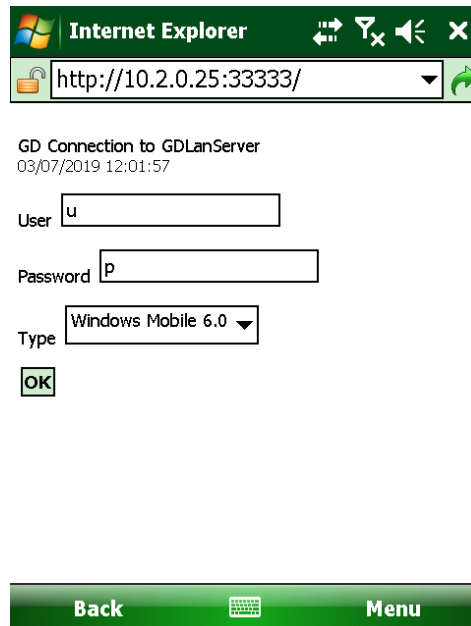
Installation of GDTrasf on Windows Mobile

From Start open Internet Explorer

Enter in the address bar the IP of the PC Server: gdserver port as per example and press ENTER.

Example if your PC server has IP 10.0.0.23, typeenter <http://10.0.0.23:33333> andEnter

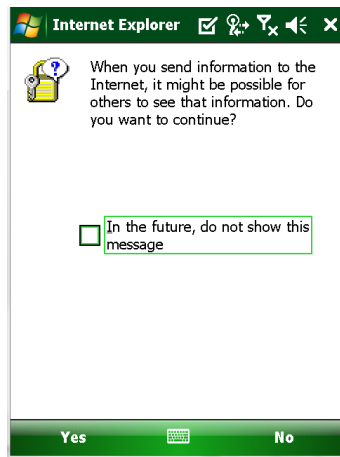
The window below will be displayed



The screenshot shows the Internet Explorer browser interface on a Windows Mobile device. The address bar contains the URL <http://10.2.0.25:33333/>. Below the address bar, the page title is "GD Connection to GDLanServer" with a timestamp of "03/07/2019 12:01:57". The login form includes fields for "User" (containing 'u'), "Password" (containing 'p'), and "Type" (set to "Windows Mobile 6.0"). An "OK" button is located below the "Type" field. At the bottom of the screen, there is a green bar with "Back" and "Menu" buttons, and a small keyboard icon.

Choose the type of Windows Mobile 6 and enter the user and password (as set in the general settings of GDAdmin, options D) and give Confirmation

If the message below is displayed, check the check “In the future do not show this message”, and confirm with Yes

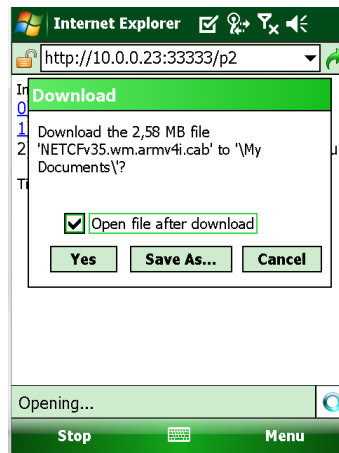


The window below will be displayed. Run the points in sequence

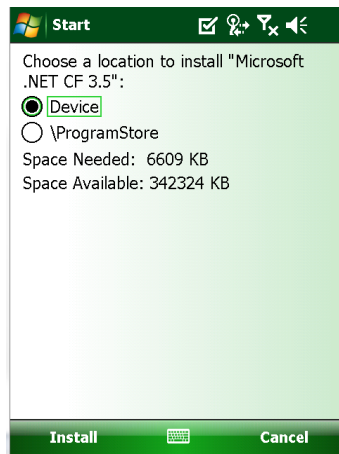


0) Installation CF3.5

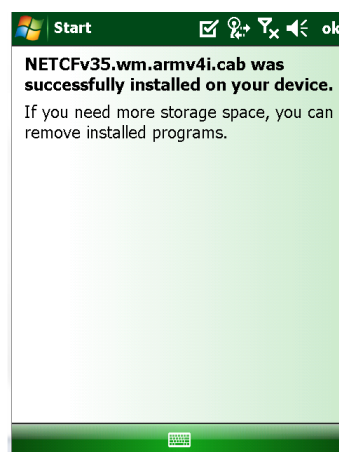
The file NetCFV3.5 will be downloaded. Confirm the download with Yes



Click on Install

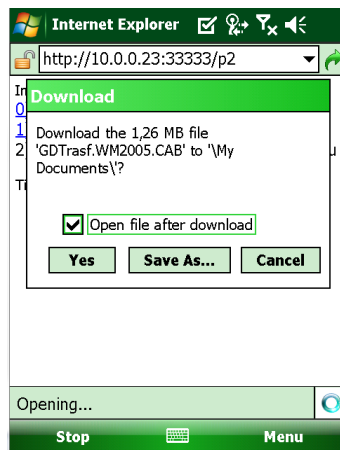


Confirm on OK on the top right

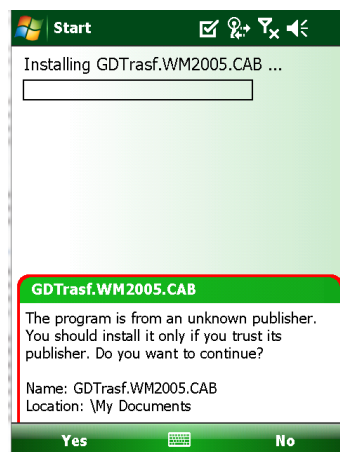


1) Installation of GDTrasf.

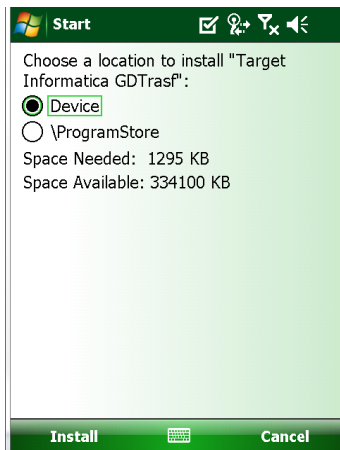
The file will be downloaded to install GDTrasf ., Confirm the download



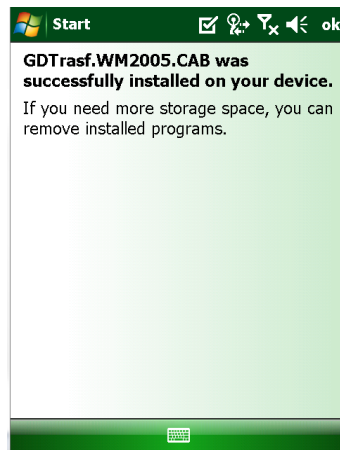
with Yes Confirm with Yes



Click on Install



Confirm on OK on the top right



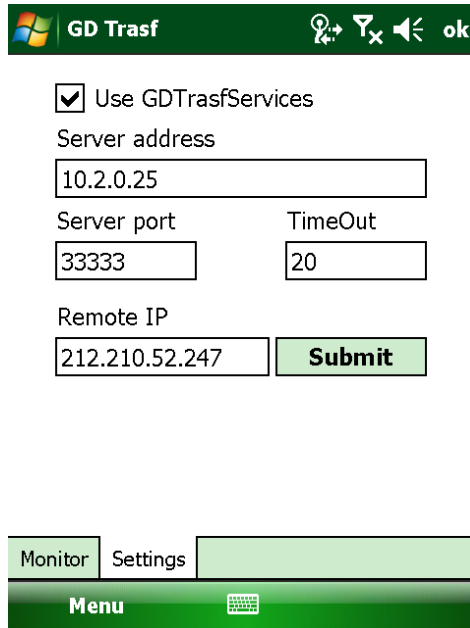
2) Start GDTrasf

Point 2 does not open GDTrasf, so close everything and start GDTrasf, from Start / Programs

Enter the server's Local IP address, Port 33333 (The remote IP address must be entered for those who have GDRemote enabled)

The GDTrasfServices mode must be activated in the GDTrasf settings.

If the GDTrasfServices box is not checked (and if the operator on GD is configured as Windows Mobile 5/6 SQL - Standard) everything continues to work as before. It should be noted that when the tick is inserted or removed, it is necessary to restart GDTrasf (it is communicated with a special message).



GD Trsf

☒ Use GDTrsfServices

Server address
10.2.0.25

Server port
33333

TimeOut
20

Remote IP
212.210.52.247

Submit

Monitor Settings

Menu

The address to be specified IP does not change from the standard mode but the port used is 10 ports above the one that must be indicated (ie it is generally written on GDTrsf the 33333 but the 33343 is also used). The timeout value is usually lower than the one in use for the GDTrsf in standard mode and equal to 10 by default.

Example of initialization of a PDA with GDTrsfServices

For operators set up as GDTrsf Services, executing the initialization of the PDA is actually only a set of files and operations to be performed on the PDA.

The actual installation, as soon as the new PDA will connect with only GDTrsf, will verify the need to perform the installation and will perform all the activities without requiring the presence of an operator to the PC that follows the process.

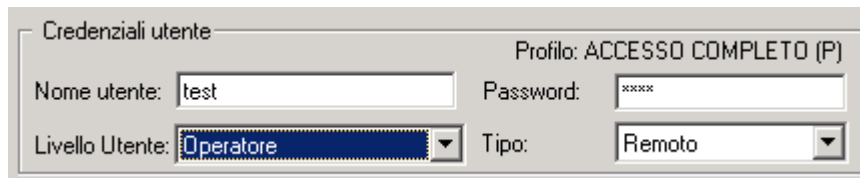
The usual installation screens will be shown on the handheld. If you need to restart your handheld, as before, **never do it during installation** but only at the end of the entire process.

Any problems during the installation procedure will be displayed in the Status of the routes Status window (message field). Installation even if interrupted can be repeated simply by repeating the initialization procedure from the Tools menu of GDAdmin.

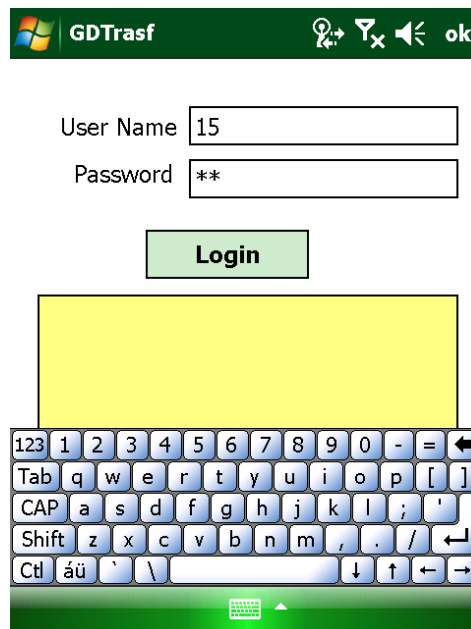
It should be noted that in the event of a failed connection, GDTrsf makes 3 attempts to connect to the GDTrsfServices service and at the end it stops: then eventually after three failed attempts it is necessary to re-perform the Connection from the appropriate menu item. In the new GDTrsf only one led is displayed at a time, which becomes Red during the connection attempt and Green if the connection is successful. The color passes instead to Green off if 'Disconnect' is performed

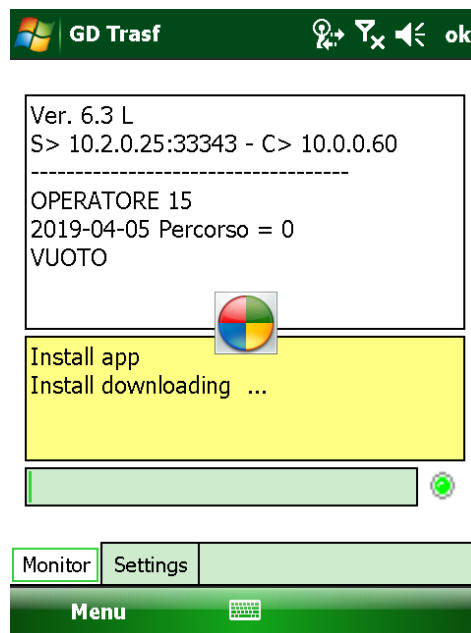
From the point of view of the end user, apart from a new series of informative messages, the new mode does not change anything from the operational point of view. The only difference is that at the end of the connection when a new route is available, it is automatically requested if you want to start GD, which can still be done as usual. A similar request is displayed when a new inventory is available.

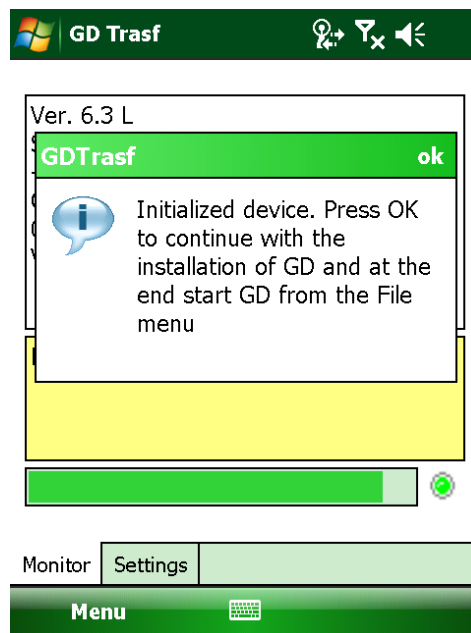
As soon as the connection to the server has occurred, an operator login screen is displayed. You must enter your username and password as specified in GD



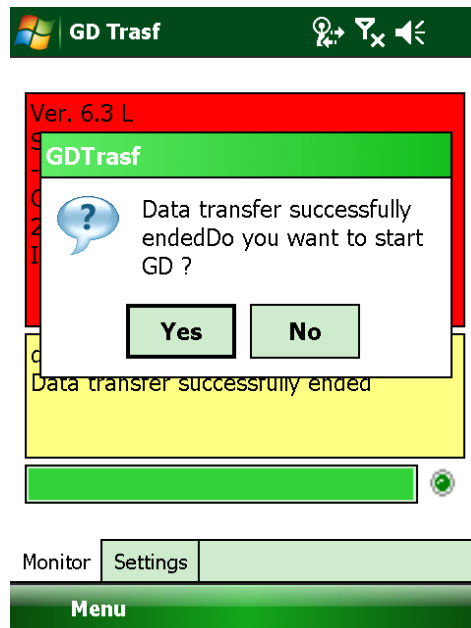
If you do not enter a correct user and password you cannot connect to the server. It is possible to connect only to your own terminal, unless you have access to the GDTS Admin functions.







The operation on the GDTrasf remains substantially unchanged: after logging in with your user and password, you do not need to do anything else but just wait for the data to be sent and eventually made available to pick up the job for the next route.



Additional functions for GDTs Admin level user

These are additional functions made available by the new mode. The only real interest in common use is the Operator Change.

Operator change

Previously, to load the route of an operator onto the handheld of a different one, it was sufficient for the PC to force the choice of the new operator when the route was started. Since the transfer is now automatic, to change the operator in use it is necessary to enter the handheld with a GDTs Admin level operator and then choose the GDTs Admin - Operator change item from the menu. At this point, just enter the number of the new operator for which you want to use the terminal and press the Change button. The new operator will be set and a new route will be immediately taken if available.

Program update

With this item it is possible to download and update the GDTrasf and GDMobile programs. The function can be convenient for updating the GDTrasf itself, which however can always be downloaded via Internet Explorer on the handheld as in the first installation.

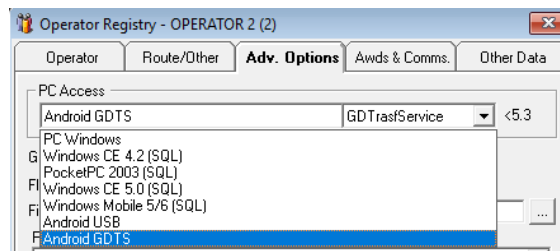
Service functions

These are used to force sending and retrieving data for diagnostic purposes. They have no reason to be used by a normal user and indeed they should only be used if guided by the technical support operators of the Target Information Technology where necessary.

Installing GDTrasf on Android

To use the transfer via Wifi or Internet, it is necessary to use a specific type of terminal to be set on the operator's card.

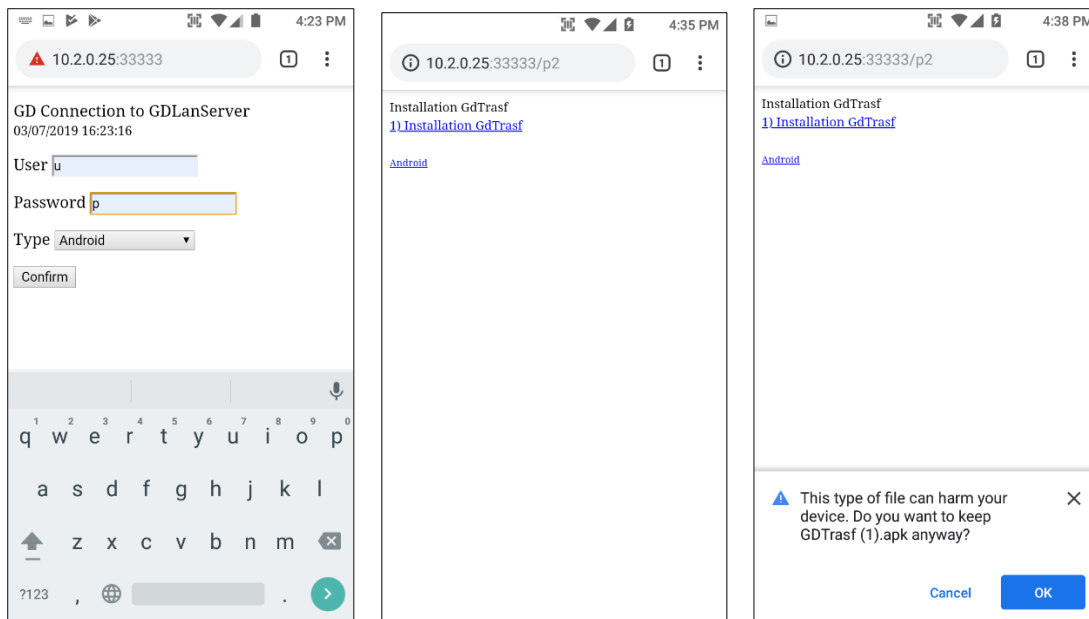
For the rest, all the configuration and operations take place as previously described.



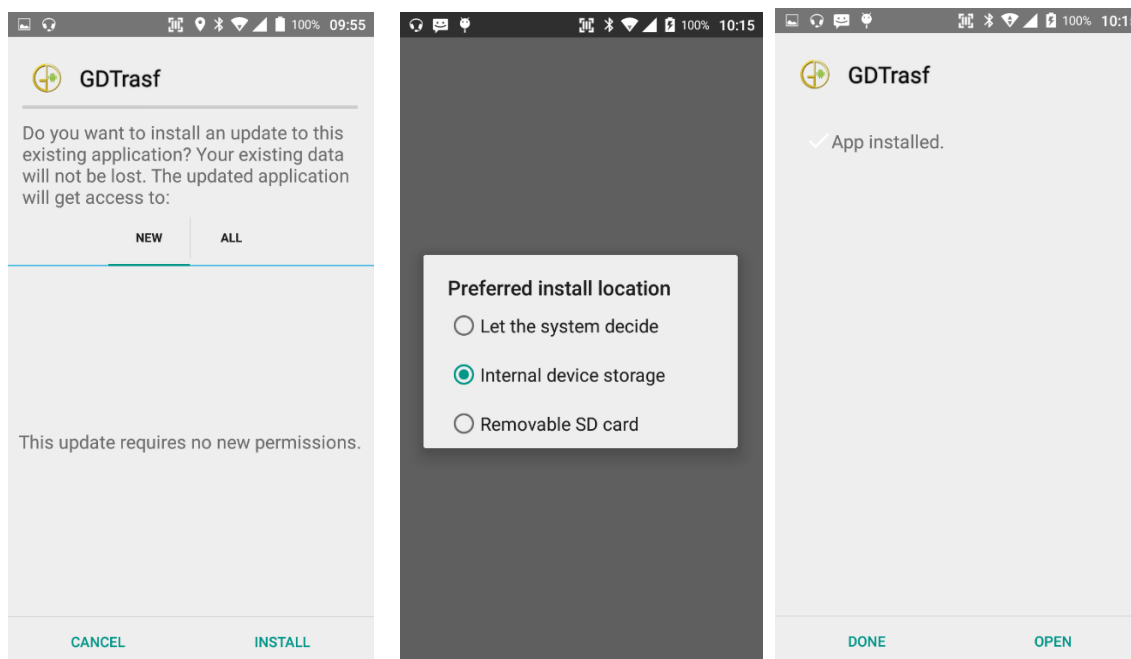
On the palm side the installation of the GDTrasf takes place in a similar way to the one in the Windows mobile environment, as the GDtrasf is taken via the browser of the Android device.

Below are the main screens for collecting and setting up the program for the first time.

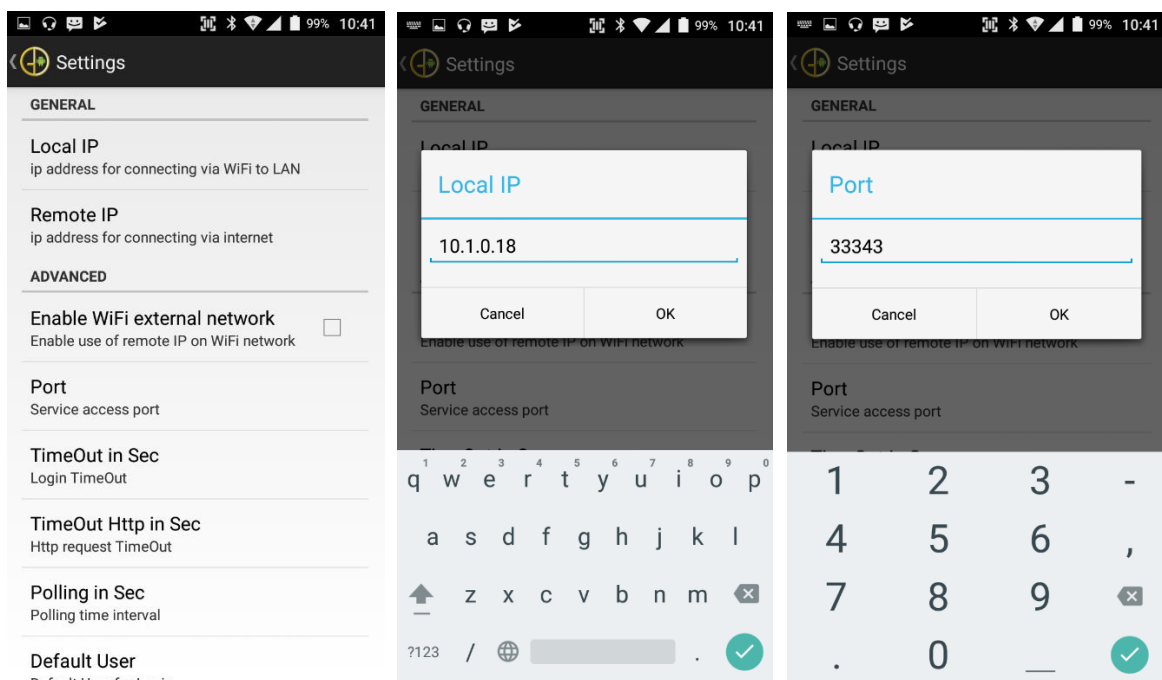
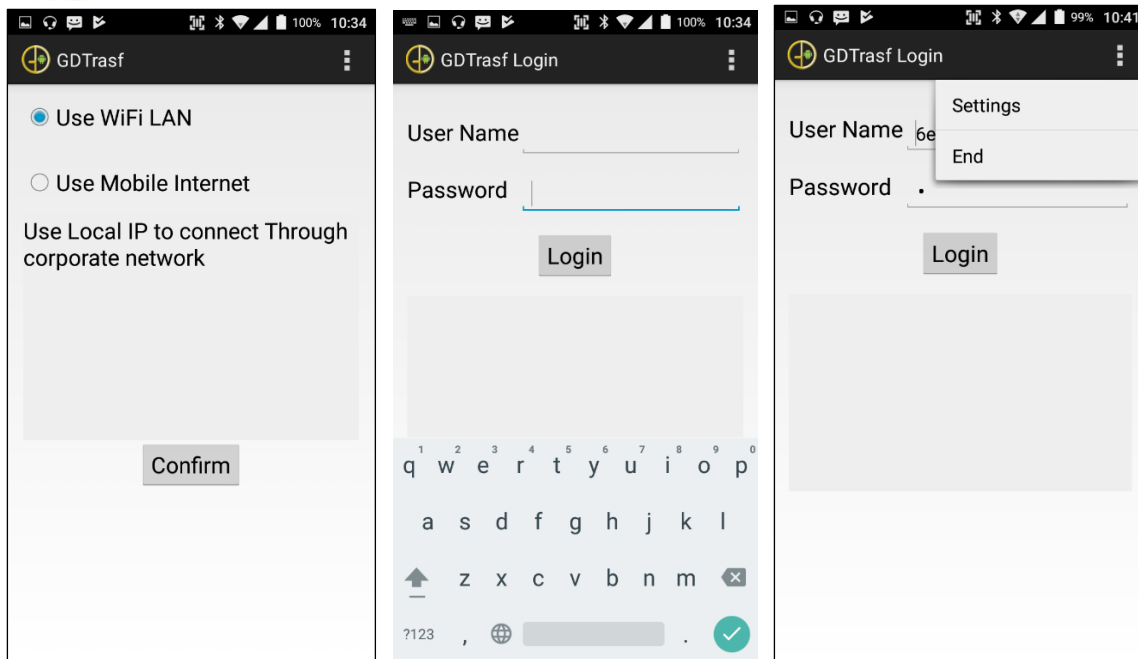
First of all the file has to be taken from the server, and to do it simply open the browser and type the ip address of your server PC followed by 33333.



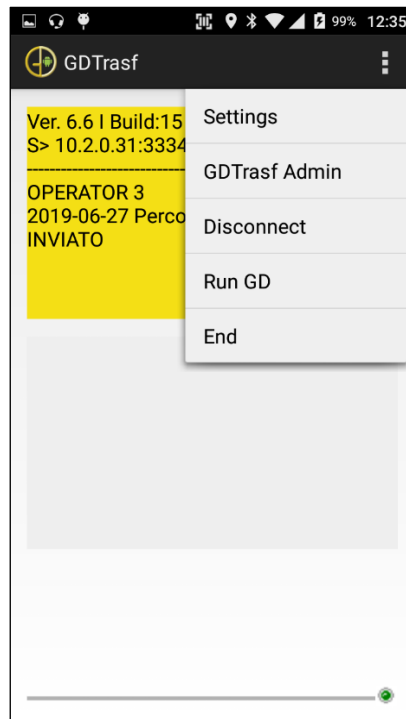
Once you have downloaded the file in the download folder, send it to execution and at the end the application is installed.



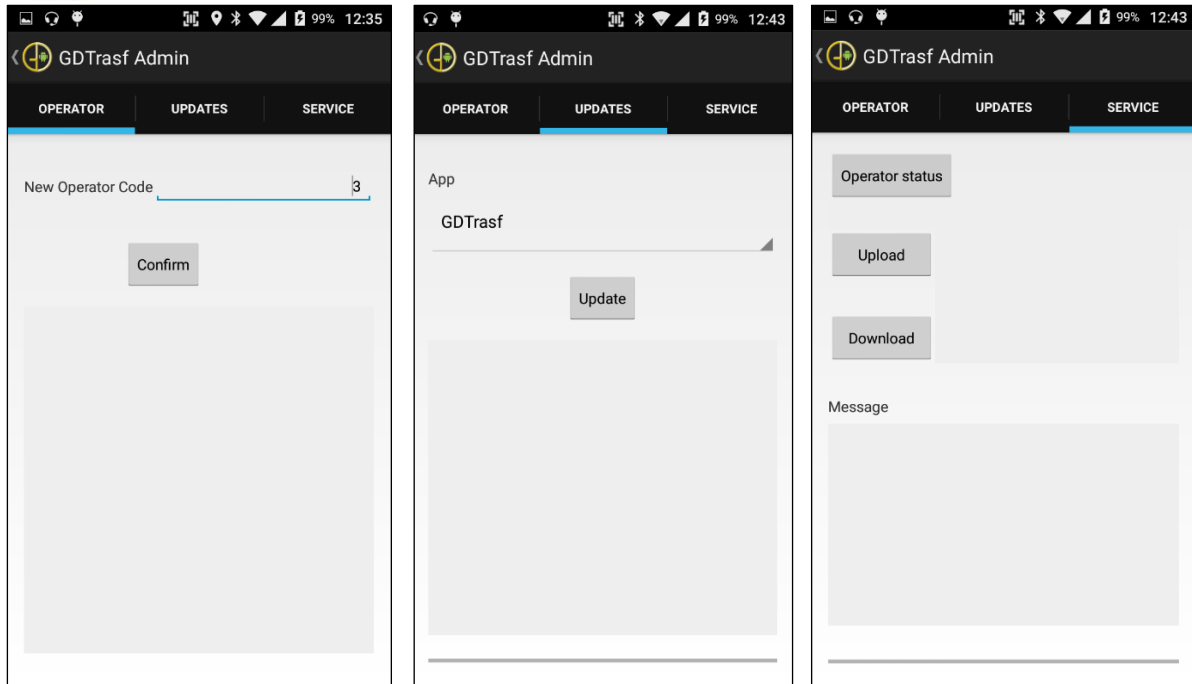
Then start the Gdtrasf from the relative icon: choose if you want to connect from within the company network or through the internet connection (in the case it is necessary to have the GDR module of GD-dispenser Management). From the settings enter once for all the server's local or remote IP address depending on the choice. Finally, enter the connection port. Then type in the



user name and password of the operator who will use the PDA: the device will attempt to log in to the GDTrasfServices service.



At this point, if available, the route available for the operator will be taken. The GdTrasf also has an admin mode quite similar to the one under Windows Mobile which allows you to change the current operator and perform some maintenance operations and to download updates for the PDA.



Automatic update of PDAs

Further benefit of the new mode is that GDTs performs automatic updating of handhelds by downloading the new program file together with the daily route when necessary.

In practice, if a GD update has been carried out that has also updated the program on the terminals, the GDMobile installation cab file is inserted in the zip file of the first route created after the update itself: the GDTrasf will ask if you want to update the GDMobile and take care of the operation.

Unless there are particularly important updates, **it will no longer be necessary to repeat the initialization of a handheld to update it.**

Logic of daily activities

The real strength of GD lies in the fact that in the face of an initial approach that is certainly more articulated, it is able to definitively automate all daily and repetitive activities, allowing the collection of a considerable amount of data by means of the terminals. without burdening the management, but rather by automating not only the primary activities, but also all those obligations which in any case represent a burden for the vending company.

At the base of the operator's activity there is the definition of a daily route. Each operator, when he leaves, must carry out a certain number of visits, load machines and collect receipts, and perform a certain number of accessory operations at the customer. All the necessary data taken from the program database are loaded and organized by daily routes.

A daily route is a series of stages (sites to visit) that a certain operator with a specific van must perform on a given day (or even more than one). Depending on the route and therefore to the customers and machines that will be visited, GD:

1. Process customer calls and orders including maintenance requests: if the request refers to a site that must already be visited, all data of the request are automatically included in the route. Otherwise, using the Add button on the Actual daily routes tab, you can still include the site in the list of those to visit.
2. Generate any invoices relating to the products ordered.
3. Determines the products that must be loaded and the relative quantities (which can be changed anyway) based on a standard load (if set), the quantities ordered, the recommended ones (or deliveries made in previous visits) and any stocks in the van.
4. Prepare the TD for loading the van
5. Load the data of the route, customers, sites, machines, and movable products into the operator's terminal.
6. Prepare any bubbles for the installation of the machines at the customers
7. Generate (on request) the prints relating to the load, the stages and the situation of the customers affected by the route.

Subsequently the operator by means of the terminal, or thanks to the route data integration program that realizes a complete simulation of the terminal on the PC, can visit the sites, record the loading and unloading from each machine, record the maintenance activities and enter payments and collections.

On return, the vending company reloads the data from a terminal in a temporary archive; the data can be modified and / or consulted and the relative reports can be printed. At the end, upon registration confirmation and on the basis of the information present in the temporary archive, warehouse movements are generated, recording of collections and bars and maintenance recordings and any fiscal documents can be issued.

Returning to the route to be followed, it can be generated every day substantially in two ways, which can easily be used in tandem: the first consists in creating a Type of route, which is in practice a series of predefined stages that the operator must perform repetitively (every day, every week or whenever you want depending on the way you work). The second way, probably very useful for the attempted sale, consists in dividing the customers into zones that can be visited in one or two days, thus creating a route based on an area.

GD allows you to record in any case the calls made by the customer and to enter in any daily route how many stages you want on request, even allowing you to work on call only. Each route can be

assigned a recursion (ie a repetition logic over time: every day of the week or month, every few days, etc.) thus allowing the program to propose for each day the route that each operator will have to perform, obviously after confirmation.

All the data relating to a route remain stored and it will therefore be possible to verify them over time, but above all to use them for statistical purposes to effectively monitor the profitability of the system.

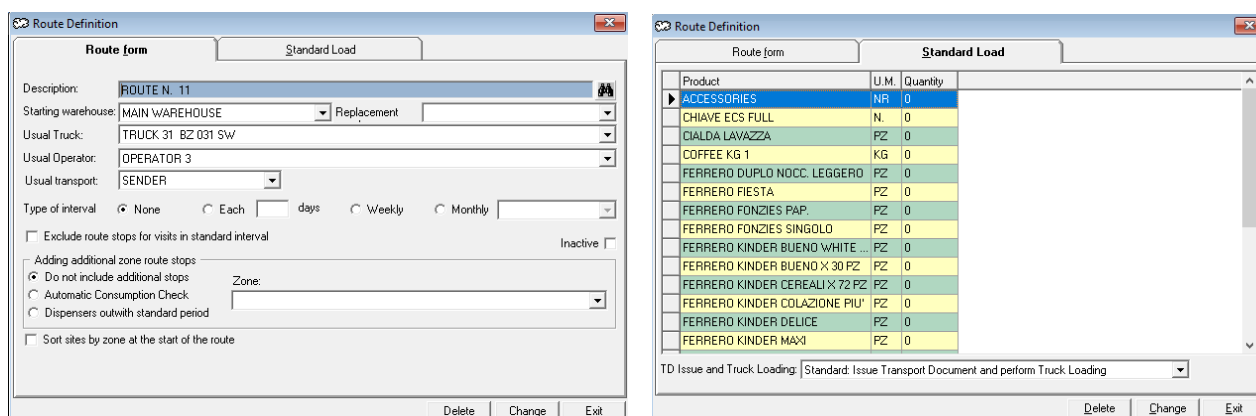
Below is the daily work management process with information on the main functions attached. In addition, links to further chapters of the in-depth manual are available.

A. Creating a Route Type

To create a route type, choose the item **Heading Definition**, accessible from the GD Management menu under Route Types.

In tab **Definition** the route the identification data of the route are inserted, that is the name (which could be a number or a description at will, type of area / operator) and the main information.

In the standard load folder you can enter a standard load for that particular route.



Product	U.M.	Quantity
ACCESSORIES	NR	0
CHIAVE ECS FULL	N	0
CIALDA LAVAZZA	PZ	0
COFFEE KG 1	KG	0
FERRERO DUPLO NOCC. LEGGERO	PZ	0
FERRERO FIESTA	PZ	0
FERRERO FONZIES PAP.	PZ	0
FERRERO FONZIES SINGOLO	PZ	0
FERRERO KINDER BUENO WHITE	PZ	0
FERRERO KINDER BUENO X 30 PZ	PZ	0
FERRERO KINDER CEREALI X 72 PZ	PZ	0
FERRERO KINDER COLAZIONE PIU'	PZ	0
FERRERO KINDER DELICE	PZ	0
FERRERO KINDER MAXI	PZ	0

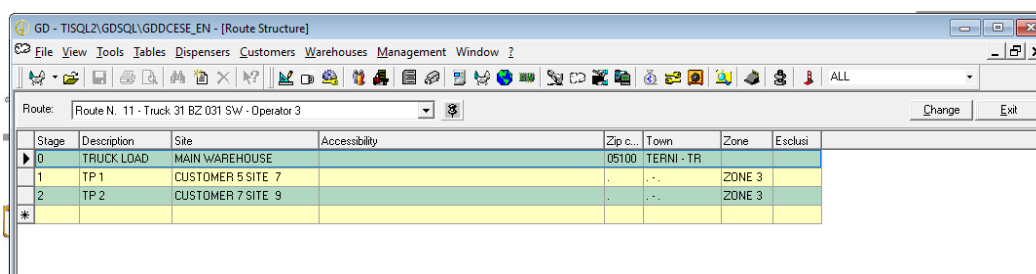
Subsequently, by opening the tab **Route Structure**, accessible from the GD Management menu under Route Types, it is possible to insert as stops the loading of the van (which is automatically created), the Sites of the customers that have been created and that you want to fix the route .

In the route type there is also optionally the possibility to indicate a different deposit from the one of the route used only for spare parts.

The function allows you to pick up the products marked as spare parts from a store other than the start of the route (in fact from the one indicated in the type of route as a spare parts store), and therefore the technicians can manage standard products and spare parts without being forced to have a single storage area.

Therefore in this way it is possible to have a spare parts warehouse separate from the main one, if desired also in common with the workshop.

In addition, the possibility to display only the spare parts products has been added to the deposit form, storing the choice



Stage	Description	Site	Accessibility	Zip c...	Town	Zone	Esclusi
0	TRUCK LOAD	MAIN WAREHOUSE		05100	TERNI - TR		
1	TP 1	CUSTOMER 5 SITE 7				ZONE 3	
2	TP 2	CUSTOMER 7 SITE 9				ZONE 3	

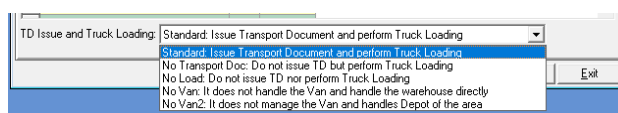
At the end of this operation, the defined route Type can be used for the daily route.

Alternatively, a route can also be created from a customer area: in this case the stages are automatically identified by belonging to the same area with the possibility of filtering them further based on the time elapsed since the last visit or supply or the automatic calculation of consumption . See [Customer Zone Table](#) for details.

Types of routes without the use of the van

GDas it is known, it manages the loading of the vans on the basis of what is indicated in the standard load or by the operator or as specified manually at the time the route is started. The loading of the van is also a guide and limit in the delivery functions of the goods on the terminal. In some particular situations, however, it is necessary for goods to be handled without this management (for example for those who use terminals to manage pods and similar points of sale).

For these situations it is now available in the heading of the Typologies routes, which represents the guide on the basis of which the data for the handheld are prepared, indicate the option "No Van: Does not manage the van and moves the deposit directly".

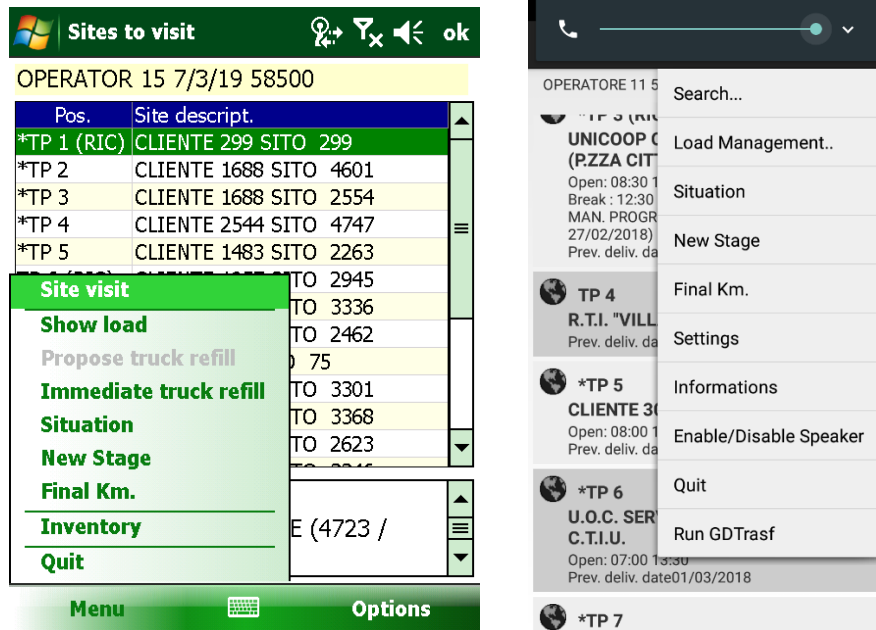


Obviously in this case it is not possible to indicate a standard load of the van and also, at the time of starting the route, the van must not have product stocks and no goods will be loaded / unloaded from the same. In the itinerary it is however indicated a van that will be used less than for the management of the products (recording of the km and so on).

Normally this modality is used for specific situations, however if the used van used had stocks related to previous routes, it must be downloaded manually directly from the van board or better with the specific function in GDAdmin / Management / Download van.

In routes created with route types with this option, the delivery movements on the dispensers will not be generated starting from the van itself but directly from the depot, therefore the van stocks will not be modified and will remain zero.

The functions and information relating to the handling of the products on the van are hidden or deactivated.



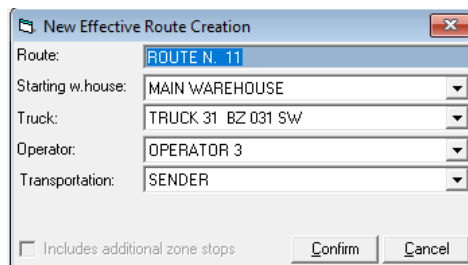
This mode also allows indirectly to make unlimited deliveries since while in the traditional operating modes in GD the deliverable quantities are those present on the van, in this case the starting warehouse does not limit in any way the loader activity since the stocks of the same.

A variant is also available, ie the NoVan2 option which moves the goods from the deposit in the area where the customer site belongs, rather than from the route departure depot. It allows to manage particular situations in which there is a staff working as a joker in complex business situations with their own warehouses.

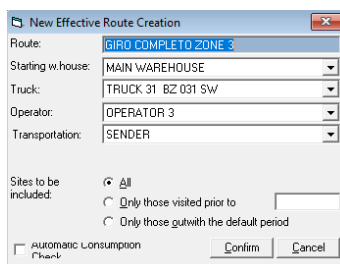
B. Creation of the daily route

To open a daily route open **Daily routes**, from the Management menu; under route choose the defined Route Type, choose Open to open the daily route.

After verifying that the route does not exist (the same type of route can be performed only once in a day), the program asks for confirmation to generate the new route.



If the route is created from an area, the mask is similar, but with the options of the zone:



Route: **GIRO COMPLETO ZONE 3**

Starting w. house: **MAIN WAREHOUSE**

Truck: **TRUCK 31 BZ 031 SW**

Operator: **OPERATOR 3**

Transportation: **SENDER**

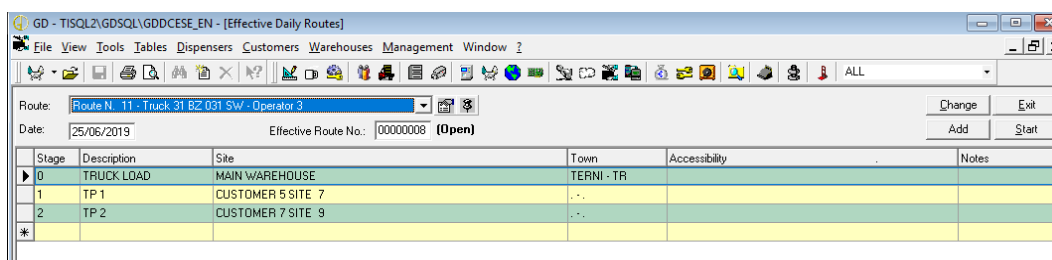
Sites to be included:

- ☒ All
- ☐ Only those visited prior to
- ☐ Only those outwith the default period

☐ Automatic Consumption Check

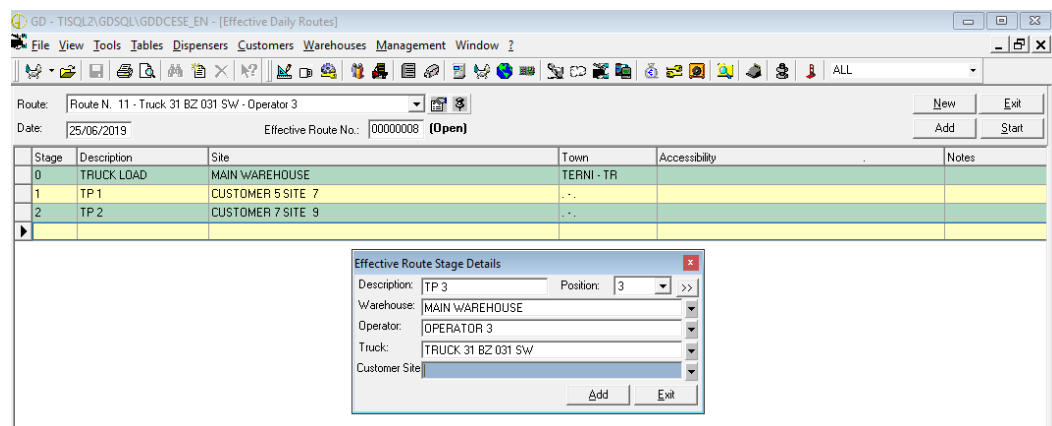
Confirm Cancel

After confirming the data in the Generate new actual route form, GD creates an **Effective Daily Route** assigning it a progressive number, by means of which it will be possible to identify all the data associated with it.



Stage	Description	Site	Town	Accessibility	Notes
0	TRUCK LOAD	MAIN WAREHOUSE	TERNI - TR		
1	TP 1	CUSTOMER 5 SITE 7			
2	TP 2	CUSTOMER 7 SITE 9			
*					

In addition to the fixed sites of the daily route, which are automatically loaded, it is possible to add any customer requests or additional milestones, positioning on the last empty record (by double-clicking it opens the detail tab by which you can search and add the new site)



Route: **Route N. 11 - Truck 31 BZ 031 SW - Operator 3**

Date: **25/06/2019** Effective Route No.: **00000008 (Open)**

Effective Route Stage Details

Description: **TP 3** Position: **3**

Warehouse: **MAIN WAREHOUSE**

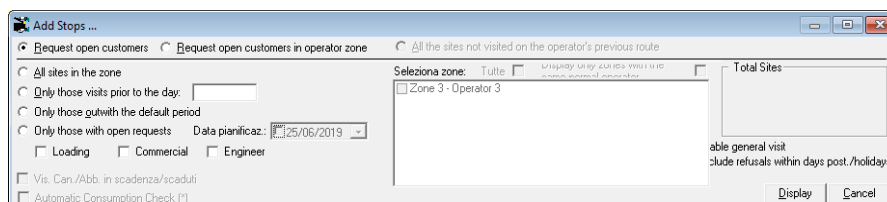
Operator: **OPERATOR 3**

Truck: **TRUCK 31 BZ 031 SW**

Customer Site:

Add Exit

or by clicking on the button **Add**, to open the Add Stages form to select multiple clients simultaneously based on the options available in this function. See [Logic of Customer Requests](#) for all the details on entering and assigning requests.



☒ Request open customers ☐ Request open customers in operator zone ☐ All the sites not visited on the operator's previous route

☐ All sites in the zone

☐ Only those visits prior to the day:

☐ Only those outwith the default period

☐ Only those with open requests

Data pianificaz.: **25/06/2019**

☐ Loading ☐ Commercial ☐ Engineer

☐ Vis. Can./Abb. in scadenza/scaduti

☐ Automatic Consumption Check (*)

Seleziona zone: **Tutte**

☐ Zone 3 - Operator 3

Total Sites:

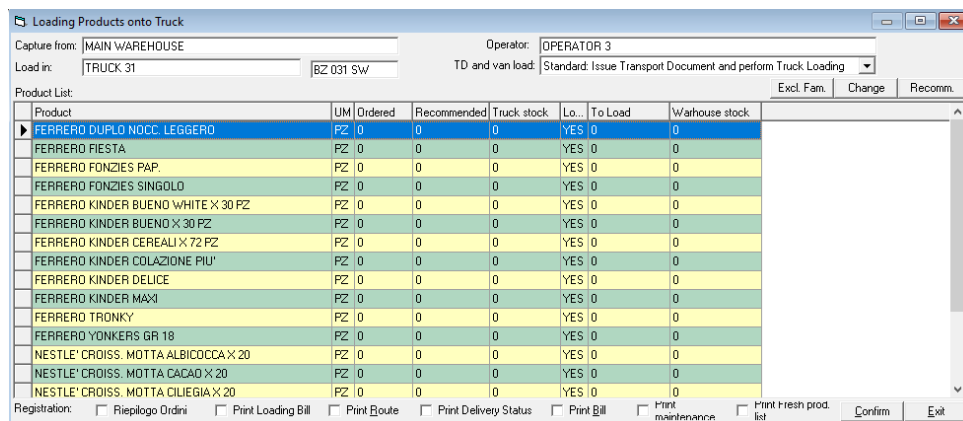
able general visit
clude refusals within days post./holidays

Display Cancel

To start the route and load the data into the terminal press the Start button.

The program determines the products and quantities to be loaded and shows a van loading card (Loading products in the van) in the column To load it will be possible to type the quantities of product that you want to load in the van.

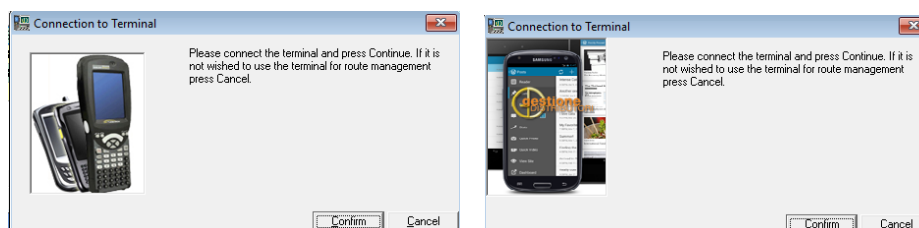
In the G Van panel the quantities of products stored in the van are displayed, in the G Deposit column the quantities of products stored in the depot are displayed



Product	UM	Ordered	Recommended	Truck stock	Lo.	To Load	Warehouse stock
FERRERO DUPLO NOCC. LEGGERO	PZ	0	0	0	YES	0	0
FERRERO FIESTA	PZ	0	0	0	YES	0	0
FERRERO FONZIES PAP.	PZ	0	0	0	YES	0	0
FERRERO FONZIES SINGOLO	PZ	0	0	0	YES	0	0
FERRERO KINDER BUENO WHITE X 30 PZ	PZ	0	0	0	YES	0	0
FERRERO KINDER BUENO X 30 PZ	PZ	0	0	0	YES	0	0
FERRERO KINDER CEREALI X 72 PZ	PZ	0	0	0	YES	0	0
FERRERO KINDER COLAZIONE PIU'	PZ	0	0	0	YES	0	0
FERRERO KINDER DELICE	PZ	0	0	0	YES	0	0
FERRERO KINDER MAXI	PZ	0	0	0	YES	0	0
FERRERO TRONKY	PZ	0	0	0	YES	0	0
FERRERO YONKERS GR 18	PZ	0	0	0	YES	0	0
NESTLE' CROISS. MOTTA ALBICOCCA X 20	PZ	0	0	0	YES	0	0
NESTLE' CROISS. MOTTA CACAO X 20	PZ	0	0	0	YES	0	0
NESTLE' CROISS. MOTTA CILIEGIA X 20	PZ	0	0	0	YES	0	0

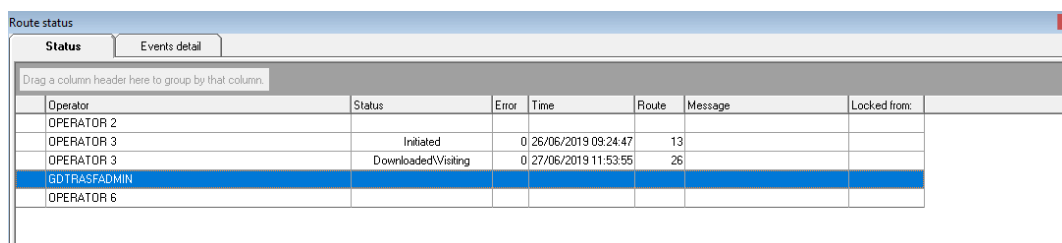
After confirming, the creation of the data to be sent to the terminal is started.

When displaying the connection mask to the Terminal, give Confirmation to transfer the data to the terminal (canceling the route will be created only on the PC to be managed directly by the PC) ..



When the route is created, any documents (TD , invoices) are generated and at the end of the route generation the data are ready to be taken from the terminals.

To check the status of the routes, the situation of each operator, use the route Status window activating it from the View menu (at the end of the chapter it is explained in detail)

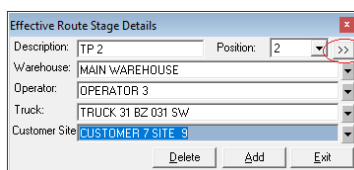


Operator	Status	Error	Time	Route	Message	Locked from:
OPERATOR 2						
OPERATOR 3	Initiated		0 26/06/2019 09:24:47	13		
OPERATOR 3	Downloaded/Visiting		0 27/06/2019 11:53:55	26		
GDTRASFADMIN						
OPERATOR 6						

Once the data has been transferred, the operator can record his daily activity.

Choice of dispensers of the site to be visited in the route structure or in the specific route (optional)

To better organize the work in very large sites or in any case for less experienced operators, it is possible to eliminate dispensers from the types (layout) of the routes or from the single route daily. By default when adding a stage, all dispensers on the site are included. Entering the site details you can activate / deactivate the list on the right with the >> button and exclude any V/M. The system stores the excluded id / a, so if you add a V/M to the site and you do not make changes to the route structure, it is included. In the grid of the route structure (or of the stages of the daily route) a new column is displayed at the bottom on the right called "excluded" which contains "d / a escl." if they have been deleted V/M.



Effective Route Stage Details

Description: TP 2 Position: 2 >>

Warehouse: MAIN WAREHOUSE

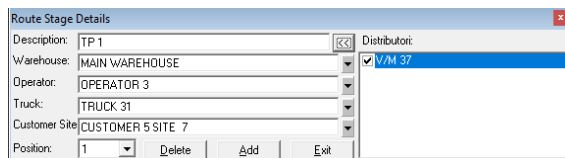
Operator: OPERATOR 3

Truck: TRUCK 31 BZ 031 SW

Customer Site: CUSTOMER 7 SITE 8

Delete Add Exit

The exclusion means that the dispenser is not displayed in the list on the handheld, but in fact the dispenser is still present in the database of the handheld computer and the exclusion is ignored by the search for the V/M through the barcode and / or the qr code (su Android). If it is chosen through the barcode and handled, from that moment the V/M becomes visible as usual and appears in the list of dispensers of the site. This allows in case the loader considers it necessary, to visit machines that are initially not provided without the best organization becoming too binding.



Route Stage Details

Description: TP 1 Warehouse: MAIN WAREHOUSE Operator: OPERATOR 3 Truck: TRUCK 31 Customer Site: CUSTOMER 5 SITE 7 Position: 1

Distributor: V/M 37

Delete Add Exit

C. Customer Request Logic

GD provides the telephone operator with a quick tool to record customer intervention calls allowing the operator to assess the speed and overall efficiency of its management, together with customer monitoring.

You can access the window to insert customer requests from the Management menu underentering the **Customer Requests** or by clicking on the appropriate Customer Requests icon 

For speed reasons whencall, when selecting the icon or the menu item, the program positions itself to register a new request.

If you want to open the mask in standard mode, simply press the Control key (CTRL) while making the selection.

In customer requests it is possible to insert, modify or cancel a request.

To **add** a request, between Open requests, position yourself on the last row of the grid and press New (or double click) or from any position in the table press ALT + INS. To insert a customer request, it is necessary to indicate the Customer, the Site and the dispenser to which reference is made and the type of intervention.

To **modify** or **delete** a request, go to the line of interest and press Edit (or double click) to open the detail sheet that can be modified and / or deleted.

The requests, precisely because of the critical nature of the operation, can be entered using some particularly effective automatisms for searching the site or for identifying the next scheduled visit. Since it is designed for use by an operator who must immediately enter the customer's request on the phone, there are several ways to quickly find the caller and they are:

- Ability to specify the customer, then choosing the site and then the dispenser of interest .
- Possibility to specify the Site, automatically recalling the Customer of interest, then choosing the dispenser. To find the Site or the Customer, go to the related field and:
 - press ENTER on the field (or type the first letters of the description + ENTER) and choose the item of interest. By typing * SRL you get all the sites that contain the text "SRL" in the description.
 - type @ and any part of the address, eg @ROMA, presents the list of all customers / sites that contain the text "ROME" in the address;
 - enter # and the Customer's / Site's phone number to have the list of customers with that phone number prefix
 - type § followed by the name of the contact person to get the list of customers with that reference person.
- Possibility to specify the dispenser, automatically obtaining customer and site.

When a new request is entered for a Site (In the request for intervention, the Site field identifies the location where the intervention is requested) GD performs a check on the types of route. If the site is present in a route with recursion, GD immediately puts the telephone operator in a position to establish when the next scheduled passage is planned and to specify if necessary if an intervention is required before that date.

Any request can be associated with an order of products or one or more maintenance activities on a dispenser.

For each customer request you can enter up to three maintenance actions that will be displayed on the terminal in the maintenance tab of the selected V/M.

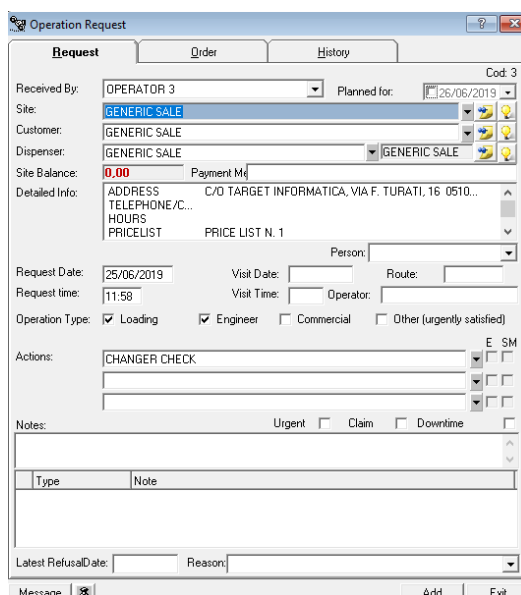
On the telephone request it is also possible to insert a note that can be displayed by the operator on the terminal.

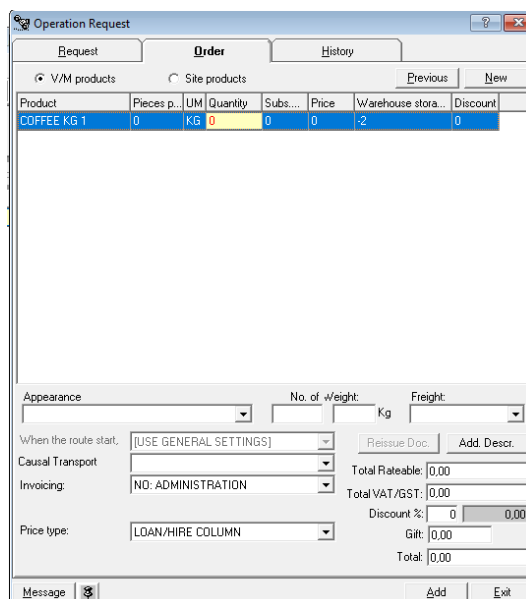
The tab **Order** allows you to associate a customer order with a product order that is managed both with regards to the invoice (which can be issued before leaving for the route, thus constituting a valid title for collection), and for the loading of the van, where the sum of the quantities ordered as quantity to load is shown. The products listed refer to all those managed by the machines on the specified site. Move to the Quantity column and type in the desired value, press ENTER to confirm, the amount the customer must pay for that order will be displayed. When filling orders in customer requests, the rows of products that have stock ≤ 0 in the warehouse are displayed in red, so that those who enter the order have immediate evidence of it.

It is possible to enter the weight (in Kg), the n . packages and the external appearance of the ordered goods. This information is reported in the document issued at the start of the daily route (if provided in the customer's customized reports). In the case of requests with multiple merged orders, the weight and package fields are added together and the external aspect field where different is appended. As regards the Port field and the Carrying Causal field, it is checked to ensure that it is uniform for merged orders (check with request entry) on requests still open.

By entering a new request, the items already used in previous requests are available, which are automatically managed in self-completing tables.

The History folder displays the requests made by the client site.

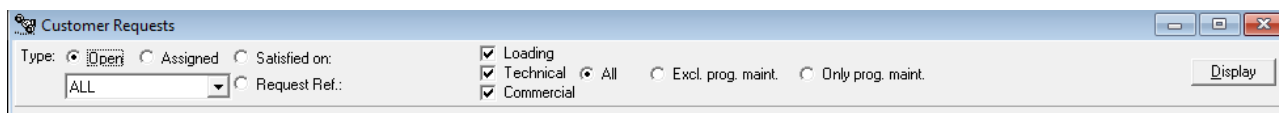




In the field **Detailed Info** of the customer request it is possible to view additional information, such as the complete address with telephone and times, the particular accessibility, the V/M with the payment system and accessories installed, the price list applied. With a double Click on **More info** will be included in the list:

- the *last three visits*, containing date and operator of the last three visits made in descending order of date.
- the number and type of *returns* that must still be returned by the customer
- the last's payment with Description, expiry date if any message 'EXPIRATION' or 'EXPIRED' inserted based on the days of notice set in the payment type.
- the last *subscription* customer with description, start date and (if evaluated) end date, and any 'EXPIRED' message if the subscription is expired and not yet renewed.
- the maintenance scheduled in days performed with description, date of execution and next scheduled date and the maintenance scheduled in measures with the date of the last maintenance-beats detected on the dispenser at the maintenance date or at the nearest date (depends on the surveys carried out on the V/M)

Customer requests can be of three types (displayed depending on the selection made in the upper part of the window): loading, technical or commercial.



GD maintains a list of customer requests. Each request entered according to its status belongs to one of the three groups:

- **Open Requests:** Entered at the time of the call and not yet assigned to any Effective Route.
- **Assigned Requests:** Entered and assigned to a route today and not yet completed.
- **Satisfied Requests:** Entered, assigned to a Course and carried out.

To get the list, simply select the type of requests you are interested in and press *View*.

Note that the lines relating to are in red urgent requests and in blue the lines of the of complaints. The urgent party has priority so that any request for an urgent complaint is displayed in red.

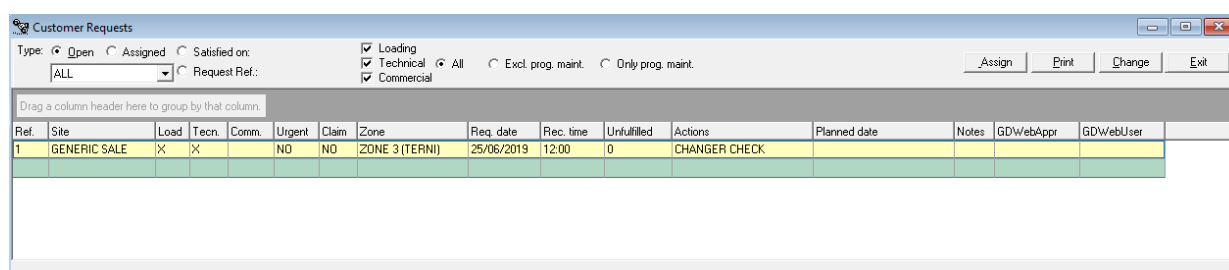
If a customer request is not satisfied it is proposed again, furthermore it is possible to distinguish them from the others, since in the Open request list, in the detailed requests and in the added stages the number of the last route in which they remained unanswered is highlighted.

By clicking on the column header it is possible to sort the telephone requests in ascending or descending order based on the selected column

The field **Ref** on the request grid, shows the request code that can be used by the operator who inserts a new request to communicate to the customer a call's that also remains in the event of subsequent amendments thereto and may be prompted to manage in certain situations where the user says "I called x times but no"

The option **Request Ref.**, on the bar of customer requests, allows you to search for the customer request based on the reference number of the request itself.

In the request grid, the columns indicating the requested type are visible (Loading, Technical, Commercial).

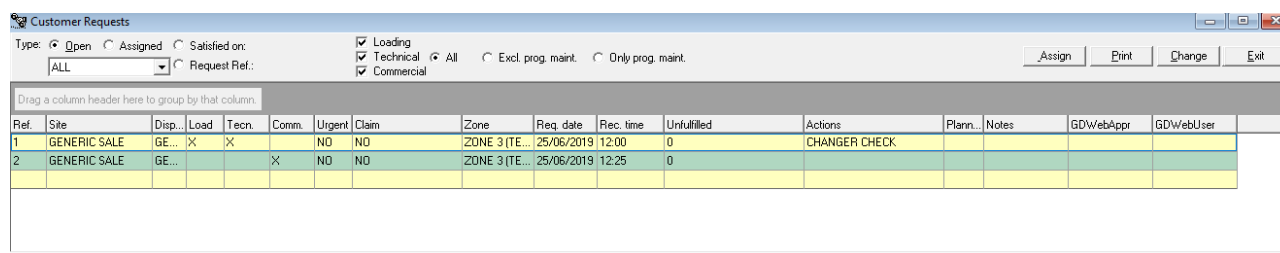


Ref.	Site	Load	Tech.	Comm.	Urgent	Claim	Zone	Req. date	Rec. time	Unfulfilled	Actions	Planned date	Notes	GDWebAppr	GDWebUser
1	GENERIC SALE	X	X		NO	NO	ZONE 3 (TERNI)	25/06/2019	12:00	0	CHANGER CHECK				

If the grid has been resized previously it may be necessary to reset the desired widths by pressing the CTRL key and the Exit key.

To switch between open, assigned and satisfied requests, click on the Clean active tab button and select the type of requests you want to view.

request grid **Assigned** The column is visible on the **Perc.** which displays the route number to which the request is assigned.



Ref.	Site	Disp.	Load	Tech.	Comm.	Urgent	Claim	Zone	Req. date	Rec. time	Unfulfilled	Actions	Plann.	Notes	GDWebAppr	GDWebUser
1	GENERIC SALE	GE...	X	X		NO	NO	ZONE 3 (TE...	25/06/2019	12:00	0	CHANGER CHECK				
2	GENERIC SALE	GE...			X	NO	NO	ZONE 3 (TE...	25/06/2019	12:25	0					

On assigned customer requests it is possible to filter the assigned requests based on the route number. Leaving the field blank, all are displayed.

From version 6.4D it is possible to manage an area password related to customer requests. This password can be set directly from GAdmin in the first screen of the General Settings. Once entered, some operations on customer requests can be done only by knowing the area password, or the cancellation of an Open Customer Request and the modification of the operator who received the request. Both features are useful for keeping track of calls even in contexts where there are multiple operators on the phone.

Print customer requests

The requests can be printed all together (Print button): you can choose to print only the loading requests with details of the orders or to have also those of maintenance; or, by opening a single request, it is possible to print the data relating to the selected request.

It should be noted that the contents of **Other info** will be reported in the print of the customer request only after having been displayed in the detailed info list.

Summary of intervention requests, accessible from the Print menu of GDAAdmin, allows printing, filtering them by date, type of intervention (Loading, Technical, commercial), for maintenance actions, by type of dispenser, telephone requests **Assigned** to daily routes, the **List of satisfied requests** (Sodd selecting the List option. shows a further filter 'More ... calls x site', which lets you view, with or without detail detail, the summary of calls met and filter by number of calls made x site; it is also possible to have the print in alphabetical order by customer site) or the **statistics of the requests satisfied** (percentages in terms of time of requests from the date of request to the closing date of the intervention, with or without detail).

Insert a telephone request directly between the Assigned to the route

To manage the request received by telephone and immediately pass to an operator, it is possible to:

- Move a request from the list of Open to the one of Assigned.

If a call, inserted between Openings, is assigned as a free site to a route, it is possible to move it from Open to Assigned using the right mouse button + CTRL on the Open request list, or Assign button, to display the Assignment form manual required, in which you can enter the number of the route to which to assign the request. To facilitate this operation, the list of routes started with the date and the operator is displayed.

- Enter the new request directly in Assigned.

It is possible to insert a request directly between the Assigned, in this case, if the request relates to a Site already contained in a started route, the route number is set by GD and cannot be modified by the user; alternatively if no route started contains that Site, the relative number must be indicated by the user (obviously choosing one of those already started).

This allows GD at the time of reloading the route to handle the request, in both the aforementioned cases, as if it had been assigned at the start of the route and therefore to memorize notes and maintenance interventions

If for some reason the route were to be canceled started (at the terminal or local) in which requests have been assigned, the requests go from Assigned to Open.

*This function becomes particularly useful in combination with **GDMobile** which allows, via the GDMessenger (GD WebEx) to send key information on the request to one or more operators in sequence from the entry form / modification of the telephone requests.*

The message contains the code of the call (the same one used for free sites, corresponding to the configuration of the latter), the name of the site, the text of the first maintenance action set and the notes (up to a maximum total of 160 characters).

Re-proposing the requests assigned to the flight (request time / visiting time)

In order to manage all situations, there is also the case of technical requests without actions (which are re-proposed only if the date and time of the request is later than the time of visit), otherwise these requests are closed by the visit.

In the case of requests assigned to an already started route, it may happen that the date of the request is later than the date of the visit, in this case a new request is generated as before, but the previous one is canceled to prevent it from being displayed in the executed and in the statistics of the interventions.

If the request re-submitted was generated due to the problem of dates, in the notes instead of the reference to the previous request (which is eliminated and therefore cannot be found) the wording "(DATE-TIME REQUIRED AFTER THE VISITING DATE-TIME) is added)".

Insert a telephone request directly between the Satisfied without running the route

To put an Open request as Satisfied it is necessary to select the Intervention Type: "**Other (satisfied on the fly)**", this allows you to indicate that the request that is being entered has been satisfied directly on the telephone.

The option "**Other (fulfilled on the fly)**" cannot be used together with the other options (Loading, Technical, Commercial), when this option is activated the others are automatically deactivated, the Order tab is disabled (It is not possible to assign to the flight an Order, therefore if, after completing the order, this option is enabled, the data of the ordered products will not be considered when the request is saved) and the Operator, Visit Date, Visit Time, route fields are automatically filled in with the following data:

- Operator = Operator who completes the request (Operator who has logged in to GD)

- Visit Date = Request Date - Visit

- Time = Time Request

- Actual route = -1 (indicates that it is a request executed on the fly and therefore not associated with an actual route)

It is possible to change the date and time of actual displacement of the requests fulfilled on the fly, all other fields cannot be modified.

When one of the other options is activated (Upload, Technical, Commercial) the "option **Other (satisfied on the fly)**" is automatically deactivated, the automatically filled fields are cleaned up and the Order tab is re-enabled.

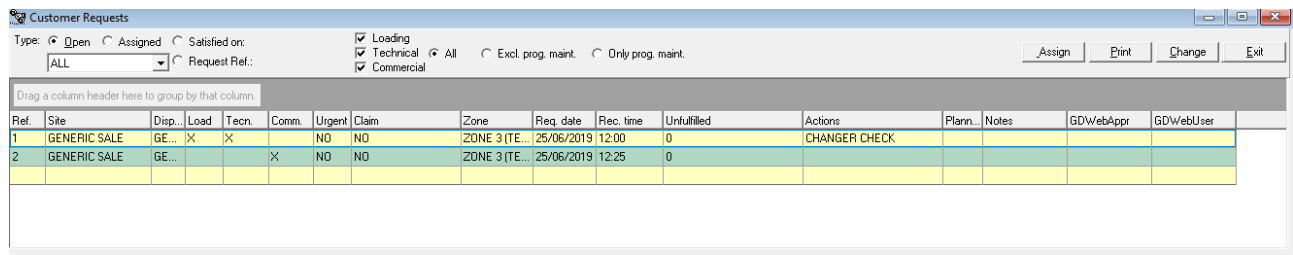
After saving a satisfied request on the fly, this will be available among the requests fulfilled.

Operation of Customer Requests

GD gives the possibility to create multiple requests for a specific site, which are then assigned based on the operator. A fundamental approach to be verified, before managing multiple requests, is that of the role of the various operators in the relative tab; this is because, since the requests are necessarily baptized (loading, technical and commercial), at the opening of a lap they are assigned / displayed automatically based on the role of the operator. The available roles, from the point of view of the requests, are essentially ascribable to three areas: the loading one, the technical one and the commercial one. Requests generated by scheduled maintenance will be assigned to the Maintenance role, unless otherwise specified in the single standard action sheet. This option allows the managements that wish it to separate the most complex technical interventions from those of scheduled maintenance and therefore routine that can be entrusted directly to the shippers / sellers or in any case even to less competent technicians.

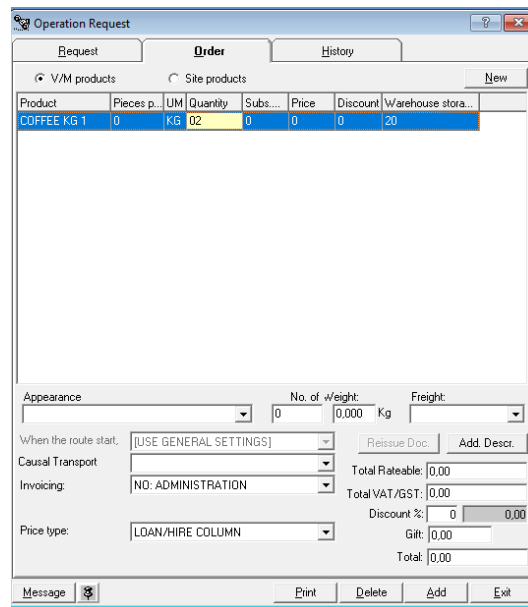
Keep in mind that

1) It is possible to insert multiple Open requests for the same site and / or dispenser



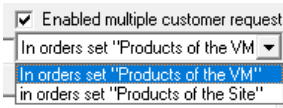
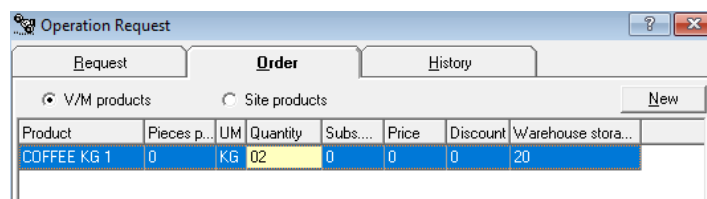
Ref.	Site	Disp.	Load	Tecn.	Comm.	Urgent	Claim	Zone	Req. date	Rec. time	Unfulfilled	Actions	Plann.	Notes	GDWebAppr	GDWebUser
1	GENERIC SALE	GE...	X	X		NO	NO	ZONE 3 (TE...	25/06/2019	12:00	0	CHANGER CHECK				
2	GENERIC SALE	GE...			X	NO	NO	ZONE 3 (TE...	25/06/2019	12:25	0					

2) In the single request those of the entire site (ie those of all V/M of the site, as it happens currently) or alternatively only those pertaining to the V/M. This choice is for a single request, based on your habits.



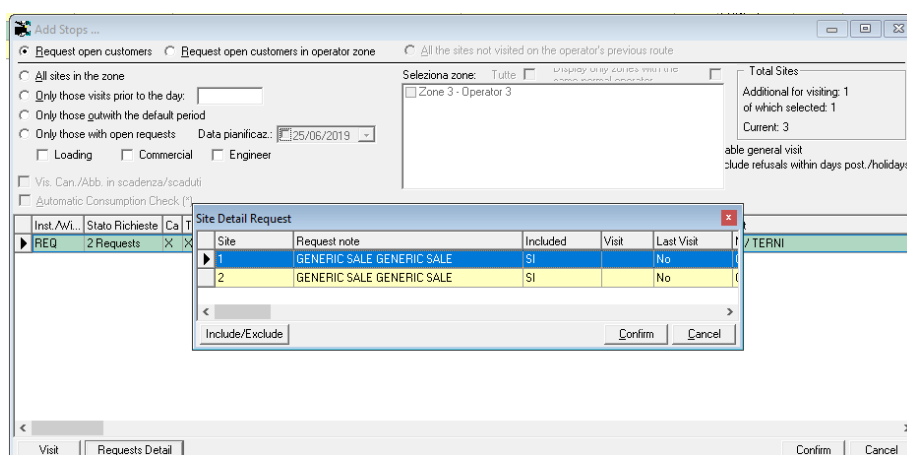
Product	Pieces p.	UM	Quantity	Subs...	Price	Discount	Warehouse stora...
COFFEE KG 1	0	KG	02	0	0	0	20

4) The types of request are binding, therefore it is not possible to insert an order if the request is not marked as loading, it is not possible to insert a technical action if the request is not marked as such; multiple request notes on the same V/M will always be added together to allow special cases. In Options A of the General settings in GDAdmin it is possible to choose whether you want to load the list of products of the Customer Site or that of the selected dispenser as a default when entering a new order.

Product	Pieces p.	UM	Quantity	Subs...	Price	Discount	Warehouse stora...
COFFEE KG 1	0	KG	02	0	0	0	20

4) When entering requests within a route (Add Stages), the requests and any orders are cumulated per site so as not to have multiple lines in the presence of multiple requests. The detail of the requests however will be viewable and in case you want to exclude some request it will still be possible to do so.



To allow the automatic insertion of requests when a site is inserted into the route it is possible:

- 1) from the drop-down menu **Assign to** you can choose who to assign the request to, with the following possibilities: All, Technicians only , Commercial Only, Maintenance Only, Only Shippers. At the opening of the round or the insertion of the stage in an open loop, all the requests that can be assigned to anyone going on that tour; those that can only be assigned to technicians, salespeople or maintenance technicians are assigned to the first open lap for operators who have checked the corresponding role, or will be entered when the stage is added only if the operator possesses the required characteristics based on the settings of the operator.
- 2) There is a check for each action in the request to identify if the action set comes from a scheduled maintenance or not
- 3) It is possible to mark one or more requests as 'Urgents' and display them and analyze them statistically even separately from the other
- 4) It is possible to remove a request from an open lap or to add to an stage an open request which however would not be compatible with the role of the operator by means of the new request detail button that is activated in the Actual Route Step Detail. This button shows the same detail request screen available in the add stage function and therefore allows you to include / exclude requests as desired.

Site Detail Request				
Site	Request note	Included	Visit	Last Visit
1	GENERIC SALE GENERIC SALE	SI		No
2	GENERIC SALE GENERIC SALE			No

Please note:

1) When the round is opened or when the stage is inserted in an open lap, all requests that can be assigned to anyone who goes to that lap; those that can only be assigned to technicians, maintenance personnel or sales personnel are assigned, if they relate to stages in the route, to the first open lap for operators who have ticked the corresponding role

2) As any limit for entering requests has been eliminated, it is possible for one same V/M there are a number of technical requests with a number of Actions greater than 3 (maximum of actions that can be entered simultaneously in the terminal). In this case GD applies the following rule for the automatic assignment of requests to the Stage:

- Select all the requests of the stage site compatible with the operator
- Select from the requests of point a., All the technical ones.
- For each V/M present in the site verifies that the number of actions present in the technical requests is ≤ 3 . If the number of shares is > 3 then it associates with the stage those required for which the sum of the shares is ≤ 3 , and excludes the others. The order of preference of the requests is based on the Urgent check and based on the requested date (priority is given to the older ones)

3) The scheduled maintenance requests are automatically assigned only to the maintenance role and not to the various other technical roles. Obviously all the roles can be combined and assigned to each operator at will.

Opening of the technical intervention request with the palmtop

It is possible for the operator to indicate a maintenance intervention (among the three possible) that generates an intervention request when reloading, provided of course that it is not checked as performed.

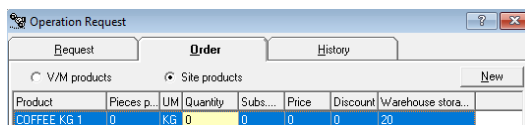
In these conditions, if the operator inserts an intervention that has not been performed, a new Technical Request is created (one for each Site / DA pair) with the chosen action, furthermore:

- On "date and time requested" the one for reloading is reported route,
- On "received from" the operator who entered the maintenance request in the route
- is reported. In the "notes" the message "INTERVENTION REQUEST INSERTED BY THE OPERATOR" is reported + any notes entered by the terminal
- The request is added as Type request = TECHNICIANS ONLY

Close the requests entered in a route

To allow prompt management of the requests, the requests actually made are closed, while the others are re-proposed. In particular:

- requests for loading of products without specified order (ie customer requests with the box ticked loading but no product in the order detail) will close in the presence of any delivery on the site.
- order loading requests will be closed with a delivery on the site or on the dispenser depending on what was specified when the request was entered



Product	Pieces p.	UM	Quantity	Subs...	Price	Discount	Warehouse stora...
COFFEE KG 1	0	KG	0	0	0	0	20

- the technical requests without specified action (ie customer requests with the Technical box checked but none of the three specified actions) they will close in the presence of any maintenance action carried out on the dispenser
- the technical requests with the action (s) specified will close according to whether the actions themselves have been carried out on the dispenser. In the case of partial execution the original request with the actions performed will be closed and a new one will be opened with those not executed.
- commercial requests will be closed when the site is visited

Logical consequence of the above is that when a request that is not completely satisfied is closed, GD will open a new one with what still needs to be executed.

To keep track of what has happened, GD will insert the following wordings in the notes:

In the event of a closed and unsatisfied loading request in the notes, it will be reported (LOAD NOT MADE) (NEW REQUEST REF. {Request number})

In case of closed technical request not satisfied: (NEW REQUEST REF. 30685)

In case of new request for loading starting from the one not satisfied: (REQUEST PREVIOUS REF. 30683)

In case of new technical request starting from the one not satisfied: PREVIOUS INTERVENTION NOT RESOLUTIVE (REF. 30668)unplanned

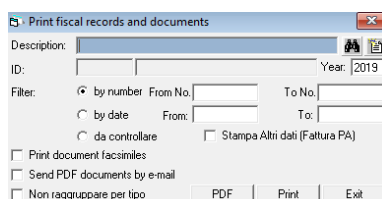
Furthermore,

- In order to facilitate the management in the case of several operators with different tasks, the bundling of scheduled maintenance actions with actions will no longer be performed.
- In the case of requests assigned to the flight to a route already started GD will also take into account the fact that the delivery time must be later than the time the request was entered, so if a visit takes place before the time the request is entered, the visit does not close the request itself.

Re-issue of documents generated by customer requests

If a request is not processed with an order that generated the relevant delivery invoice at the start of the journey, the request is re-opened in GD and the request is reassigned to another route, the invoice it is not re-issued: this is because the operator can re-use the document already printed. If instead of the invoice a delivery note to the customer was issued in a similar situation, until now the TD was regenerated every time (and it was the operator's responsibility to keep track and invalidate the previous TD).

From version 5.8 the behavior of GD in the case of delivery of a delivery note at the start of the journey is equated to that of the invoice, therefore the delivery note to the customer is not reissued. As an additional possibility from version 5.8 entering into modification of an outstanding request for which a document has been issued (Delivery note or invoice), from ver 5.8 the "Force document reissue" button is displayed. This function removes from the request the references to the old document so that a new one can be reissued at the start of the route in which the request is inserted; in addition, GD warns with a special message that the document issued at the time must be canceled manually (as in the case of deletion of a route) and the document is marked as 'To Check' to facilitate verification (previously once the message has been confirmed). it was no longer possible to have the list of documents to be canceled). For this purpose the possibility has been added in the printing of the registers in GDAdmin to have a list that lists these documents 'To Check' at any time (they are marked as 'To Check' even those eliminated with the cancellation of a started route). Alternatively the documents 'To Check' can individually be opened and printed or modified in GDAdmin Print Documents issued



NB: Of course the above does not apply in any way to the DD of Cargo but relates only to delivery TD of an order contained in a request.

Cancellation of a daily route containing customer requests with orders

The behavior of GD was also rationalized if a daily route was canceled.

If the route is **open**, the references to the possible document issued does not change (so if possibly the request was unanswered at a previous location, will return as it was and as Assigned ripasserà in Open)

If the route is **closed** all remains com ' is, that is the document remains in the archive and the deliveries are eliminated (the orders are no longer available)

If the route is **Started**, GD asks if you want to re-use the documents already issued at start-up when the relative requests will be assigned to a new route. If you answer **No**, GD will set the documents issued as 'To Check' (to be able to check and cancel them as before) and delete the references from the order so that invoices or delivery notes to the customer are regenerated to the next assignment .

If is answered, **Yes** the customer will re-use the documents he has already printed and no new document will be printed for those requested by starting a new route.

NB: If the documents refer to multiple merged requests, the chosen behavior affects them all.

It should be noted that in the detail of the new route Status function the deletion of a route is also recorded, something that was previously traced only in the GD log.

Planning of customer requests

It has been added by ver. 6.0 the Planning Data to customer requests, or the possibility of indicating a date of execution for requests that cannot be managed on the same day or in any case in the laps already started. In general this information was included in the notes, but now it can be managed

better. Open requests can therefore be under-classified based on whether they were planned or not, and for this reason in the list of open requests it is possible to choose which ones to view.

However, entering the planning date allows you to prune the list of open requests, which can in fact be filtered allowing the view of ALL / PLAN / NOT PLANNED; the type of display used last time is stored and repeated the next time it is opened.

NB: By entering a new request an alert is given if the type of display for the planning does not correspond to the schedule of the registered request (ie the request just registered in the list would not be visible). In practice, if the current view shows unplanned requests and a planned one is entered, confirming the request is recorded but does not appear automatically in the list.

Obviously if you always leave the display with ALL and you do not set planning dates on the individual requests, the program works as usual)

The planning must be inserted in the single request is now visible at the top right with relative calendar to select it quickly

When a new request is entered, GD always checks whether the site is in a typology with a specific recursion, and previously inserted an ad hoc note based on the response given by the user.

When the box is displayed, if you answer that immediate action is not required, in addition to adding the information in the request note, GD sets the Schedule Date. If immediate action is required, the request is set as Urgent and no planning date is set.

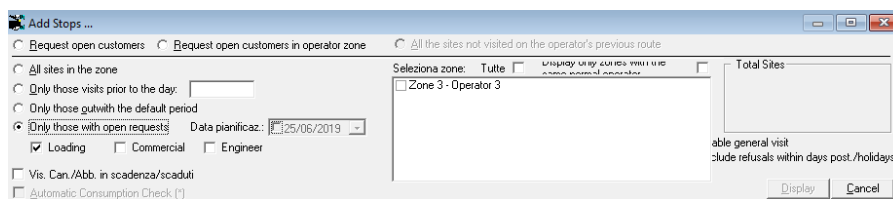
Manually the operator who manages the requests can freely set or remove the planning from the request list.

The functions of automatic inclusion of a request in a route are not modified (except where, where envisaged, the user intervenes, the planning date is also shown)

Add Stages of the daily route

To make the best use of the planning date, the Add Stages screen, from which customer requests are usually entered into the routes, has been improved. In fact, compared to previous versions, it now allows:

- Set a schedule date as a filter (all requests scheduled for the indicated date and previous ones are displayed)
- View and manage all the zones instead of one at a time
- Select either all the zones or only the areas of competence of the current operator (the one of which the route is being created), by ticking the appropriate check above the list of areas on the right. Note that if you wish to include all requests for areas of an operator without details selections, you can use as usual the item Customer requests open on areas of the operator.



In particular, the different options allow you to view (and eventually add to the current route the sites that respond to the following selections):

- horizontal options (do not use zone filters but, if necessary, only the planning date)

- Open customer requests (of any type, from any area / operator)

- Open customer requests (of any type, relating to sites that are in the areas where the operator whose route is being created is set as usual, in the zone table)

- All sites not visited in the previous route ... (all the sites that were entered but that were not visited by the operator in the last route reloaded)

- vertical options (refer to the sites related to the selected areas, with the additional desired filters)

All the sites of the zones selected in the list on the right (the selection can be made manually or using the two checks above the list that activate or all the zones or only those of the specific operator) with any filter made by the Automatic consumption control and by the Date Planning

Only those visited before ... : Only the sites visited before a certain day, of the zones selected in the list on the right (the selection can be made manually or using the two checks above the list that activate or all the zones or only those of the specific operator) with any filter made from the automatic consumption control and the planning date

Only those out of range: Only the sites with dispensers that are outside the standard range (ie for which more days have passed since the last visit than indicated), always relative to the zones selected in the list on the right (the selection can be done manually or using the two checks above the list that activate or all the zones or only those of the specific operator) with any filter made by the Automatic consumption control and the Planning Date

Only those with open requests: Only the sites with open requests of the indicated type, always relative to the zones selected in the list on the right (the selection can be made manually or using the two checks above the list that activate or all the zones or only those of the specific operator) with any filter made by the Automatic consumption control and the Planning Date. Note that the type is a condition that applies to the same request, that is, if you load and Commercial, you will not have all the requests of one or the other type, but only those that are both of Loading and Commercial together.

More information in the add stages

From this version the Customer Balance field and the Payment Mode field of the customer to which the Site belongs are available in the Customer Requests / Sites lists.

The expiration date of the payment and the expiration of the subscription are also available in the customer site lists, if they expire or expire with a logic similar to that of the alarms and related printouts. The columns are at the bottom of the grid on the right and are displayed if the appropriate box that enables their display is ticked.

This new information allows you to have additional parameters available to evaluate whether or not to send the operator to a specific customer site.

D. Other van loading modes

Proposed option by the operator

This function allows the operator, if enabled to do so, to be able to insert the pre-loading / reintegration pre-entry on the terminal.

One of the always appreciated qualities of GD - Vending Machine Management is to manage the loading of vans in a guided manner, taking into account standard loads, product orders and so on. However, in some managements (or for some operators that perform specific tasks) as part of a rough planning of loads, it is more practical to have the operator determine the quantity of product that he will have available the next day, obviously providing the same all the information he needs and limiting as much as possible the possibility that his choices may in some way create problems of availability to his colleagues, especially in the case of low quantities in stock.

Through the reintegration proposal function, the operator, under the control of the warehouse operator, upon returning to the company (before reloading the route) can autonomously indicate changes in the reinstatement quantities envisaged with respect to the standard load for each product, directly entering the quantities he wishes increase or decrease product by product; after reloading the route, these changes will be automatically reported in the van loading grid shown in GD on the PC at the start of the next route; the warehouse operator or whoever physically starts the route, will still be free to make any corrections as is already the case today, with respect to the expected standard load. The variation is applied at the level of a single product: therefore the operator can modify the expected load for a single item while for all the others the GD standard load data will remain valid.

By means of a specific series of operator-level options, it will be possible to limit the quantities that can be specified for each operator by preventing them, for example, from taking the total quantity of a certain product that is scarcely present in the warehouse, creating problems for the other operators returning after him. .

Moreover, through the menu Other Products of the function, the operator can add to the route of the following day also a product not currently present in the van, possibly not even in the standard load of the next day and not enabled on any V/M.

In the final analysis, the function will produce a list of replenishment quantities that can be inserted as proposed by the operator on the handheld, which will be pre-loaded in the van load grid and used, if present, to replace the quantity provided in the Standard Load for reintegration (the load standard still be shown in a separate column for knowledge of the warehouse to the PC, highlighting any discrepancies between the reinstatement of standard load and the one suggested by the operator)

Operationally on your handheld will present the new menu item "Propose restoration" in the file menu which will contain the following grid:

Description / UM / StockVan / Q.Expected / Variation / Planned lot

The significant fields of this grid are:

Stock Van (StockF.): in this column the current stock of the van is displayed (considering that the use of the function makes sense only on return to storage and therefore to registered deliveries, in practice it will be the remainder of the product upon return at the end This value cannot be modified

NB: If, after entering a change to the make-up quantity for a given product, any delivery to the dispensers of that product is added or modified, to avoid possible inconsistencies the entered variation is reset and must be reinserted .

QtaExpected (Prev.): this column displays the amount of product with which the van started the same day less than the amount remaining (in practice it is the amount of product needed to replenish the load as the start), but in fact this value may be different from the standard load amount of the next

lap, but it will probably be the same or very similar for managements that have a constant standard load and in any case this approximation is necessary (the terminal cannot know today which route the operator will take tomorrow and establish the load of the next day in advance). Therefore, to avoid problems, it is advisable to use this function if an operator maintains and has therefore set the same standard load in GD every day regardless of the route. This value cannot be changed.

Variation (Variation): Field initially at 0, in which the operator will write a variation with respect to the QtaExpected type +3 or -5 (obviously he will not be able to insert values that determine a negative load of the van); in practice at the start of the next route, the quantity present on the van will be the algebraic sum of Stock Van + QtaExpected + Variation.

Assuming therefore that for a given product the van had an initial load of 100 pieces, at the end of the day it sold 85 and for the next day the operator believes he needs 25 more pieces than the previous day, the values in the three columns of the reload proposal form will be:

Stock Van: 15

QtaExpected: 85

Variation: 25

The value shown in the column To be loaded on the loading mask of the van at the start of the next route will be 110: in practice loading 110 pieces (in addition to the 15 already present on the vehicle) you will have available the 125 deemed necessary for the next route. Obviously indicating a negative variation, the reasoning will be analogous: therefore if starting with the same previous situation, the operator thought he needed 30 pieces less than today's load, the values would have been:

Stock Van: 15

QtaExpected: 85

Variation: -30

Therefore the value shown in the column To be loaded on the loading mask of the van at the start of the next route will be 55: in practice loading 55 pieces (in addition to the 15 already present on the vehicle) you will have the 70 deemed necessary for the next route available.

The list initially contains the products on the van at the start of the tour.

For the terminals equipped with scanners, the product selection via bar code is active, and the Other Products menu is also present (with similar logic similar to that already present in the Delivered) but which obviously will load all the products in stock in this grid (This function will be used to add products to the load not included in the standard load but coded in GD and therefore presumably present in the warehouse - that is, if there are not, the operator will reasonably not have them available and therefore will not add them).

The planned lot will have the function of being highlighted or signaled in the batch list sent to the handheld the next time, as well as being visible / editable on the van load grid.

The handheld will allow the operator to enter the quantities of products to be replenished / added according to various degrees of freedom that can be set for each operator. In practice, for each operator it will be possible to set:

0) Function deactivated: everything as it is today (the operator does not have access to the new grid)

1) Completely free (the operator has access and can enter variations without limits)

2) Free limited to products not present in the van; those that are already in the current load cannot be modified, ie the grid can only be filled with lines in other products while those already present will not even be shown

3) Limited variations within +/- 20% of the quantity present in the van at start-up on the last lap

4) Limited variations within +/- 80% of the quantity present in the van at the start of the last lap

5) Limited within +/- 20% of the quantities delivered in the previous week by the operator

6) Limited by + / -80% of the quantities delivered in the previous week by the operator

7) Limited based on quantity in stock - (week average for number of daily rounds)

8) Free but with alerts based on quantity in stock - (week average for number of laps per day).

The operator input limits, if activated, will be applied by the handheld and calculated based on the following parameters:

Average number of daily revolutions of the last week

Average of the reinstated quantity (loaded) at each turn for each product

Stock quantity in the last connection (route sent) - (average delivered in each lap in the previous week by number of daily laps)

Central stock quantity at the last connection - (average daily deliveries in the last week per operator * number of laps daily made in the last week)

This calculation has the purpose of identifying indicatively if and how much is available for each product assuming that all of them top up the maximum possible with respect to the stocks of the previous day.

Average deliveries of the last week

The last option, **Completely free with order goods in advance in absolute value** allows the loader to choose, in the morning with today's ride just started, to place an order of products to leave to the warehouse operator for the next day under form of printing so that it can proceed with the preparation of the pallets.

In this case the operator can insert the aforementioned order in the "Var" column of the reinstatement mask which is not a change (as for the other options) compared to the current load and / or the standard load, but an absolute value that is reported as such in the column to be loaded on top of the lap. Obviously this value is not reset by the deliveries that the operator makes during the day, as happens for all the other options. In the morning, therefore, the operator books on the terminal, the quantities to be loaded regardless of everything, and then makes the print that is left to the storekeeper; at the end of the print itself, there is the option that allows you to establish that the print and therefore the order is to be considered definitive: this in practice blocks the modification of the values in the reinstatement proposal grid allowing subsequently only the consultation.

The other columns of the make-up mask remain unchanged, therefore:

In the StockF. there is always the current stock of the van, that is a value equal to the current load which decreases as it is delivered.

In the column Prev. There is the difference with respect to the load at the start of the current lap: therefore at the beginning it is 0 then as the operator delivers the value goes up as this is what is reinstated if the operator does not entered a reservation (ord)

On the contrary, as mentioned in the "var" column, in this case the operator inserts not a change but the quantity to be loaded for the next day regardless of the standard load and today's deliveries: if he puts 7 for the coffee the next day the column to be loaded will be equal to 7.

The list proposes the reintegration of the load of all the products present with a load in the van and in any case all those for which a reinstatement proposal has already been inserted previously; selecting the item Other products from the menu, all the other products that can be inserted are displayed.

NB The data of the reinstatement proposal are eliminated if you change the option on the operator registry, for which the change of the reinstatement proposal option for the operator has been blocked if it has started (otherwise the information given could be distorted).

NB Every time a change option is changed, the terminal must be initialized.

Negative variations and forced discharge in the reinstatement proposal

From version 6.0 in the reinstatement proposal it is possible to insert negative variations to the proposed quantity as to be reinstated in the following route. The thing is possible in all types of load proposal less than in the last one or the one "Completely free with order goods in advance in absolute value" where the value of the variation is an absolute value and therefore no negative quantities do not make sense.

In addition, the possibility of forcing the product to be unloaded from the van was introduced, by checking the "Download" box. This wanting allows the loader to be completely autonomous in the definition of the load for the next route

Option of immediate reintegration of the load

GD allows to reintegrate the load of the van during the course of the route in the current route, indicating the products and quantities that you want Reload.

The option must be enabled at the individual operator level (in the Advanced Options folder of the operator registry).

The option on the operator can only be changed when the route is closed (otherwise the box is disabled).

Through the appropriate item, Immediate reinstatement, present in the main GD menu on the terminal, the operator types what he wishes to reinstate and the quantity becomes immediately available for deliveries. It should be noted that when the route is reloaded the loading movement of the van will be single (summation of the possible initial load and any reinstatements).

It is possible to print the quantities reintegrated directly from the handheld at the time of reintegration or it is possible to print the list of what has been reinstated at the time of reloading the route or by GDAdmin / Stampa / Datihydra routes daily.

GD requires the password to access the Immediate Reintegration function if the Hide van stocking option is active.

Warning on exceeding the load quantities in immediate reinstatement and recharging proposal

It is possible to introduce a non-blocking warning for the operator so that he is notified if he requires a load higher than the limit value set in ScortaMax in the panel van.

The option is active both on the Immediate Reinstatement and on the Reload Proposal but only with regards to the completely free options that do not already have a limit, ie

1) "Completely free (the operator has access and can enter variations without limits)"

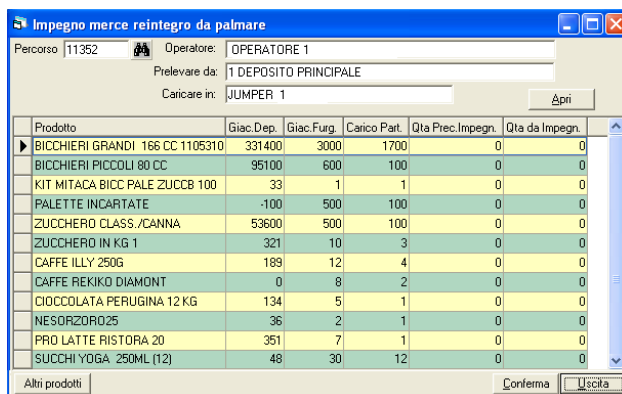
9) "Completely free with order goods in absolute value"

The configuration of the limit values for each product can be made granularly at the product / van level, but it is possible to copy all settings in ScortaMax from one van to another using the function Management / Copy GD elements in GDAdmin.

Commitment to replenishment of goods from handheld

GD as described above allows the immediate handover of goods on the hand-held device, a function that is often used by the operators when, passing the day at the warehouse, they take additional goods to complete the work. This situation allows the correct quantities of goods loaded by the operator to be reloaded, but until the route is recharged from the terminal, the GD level deposit still has the goods that have actually already been taken during the day. At the extreme, if all the operators reintegrate perhaps even several times in the day, this could lead to having in the management software a stock of some products that in reality is not actually available. To avoid this situation, the reintegration goods from palmtop function has been inserted, whose use is in any case completely optional, which allows the warehouse operator to "engage" the goods that the operator has withdrawn, it being understood that obviously the products and quantities actually loaded will

be those taken from the operator's palm (obviously in the absence of operational errors, the two will always coincide).



Prodotto	Giac.Dep.	Giac.Furg.	Carico Part.	Qta Prec.Impegn.	Qta da Impegn.
BICCHIERI GRANDI 166 CC 1105310	331400	3000	1700	0	0
BICCHIERI PICCOLI 80 CC	95100	600	100	0	0
KIT MITACA BICC PALE ZUCCB 100	33	1	1	0	0
PALETTE INCARTATE	-100	500	100	0	0
ZUCCHERO CLASS./CANNA	53600	500	100	0	0
ZUCCHERO IN KG 1	321	10	3	0	0
CAFFE ILLY 250G	189	12	4	0	0
CAFFE REKID DIAMONT	0	8	2	0	0
CIOCCOLATA PERUGINA 12 KG	134	5	1	0	0
NESORZOR25	36	2	1	0	0
PRO LATTE RISTORA 20	351	7	1	0	0
SUCCHI YOGA 250ML (12)	48	30	12	0	0

Temporary exclusion from the load of specific products

It may happen that you have to temporarily suspend certain products from the load, even if they are available in stock. To avoid having to change the standard loads and / or other options, in the product sheet you can check the box Suspend new loads on van. This determines the automatic deactivation of the Load In box in the van load (it is possible however to manually force the load), regardless of the load situation and the other settings. It should be noted that the function does not download anything from the vans of what may be present, but only deactivates the additional loading of the excluded products, without having to manually exclude them one by one from the van load or in any case remove them from all standard loads.

Exclusion of product families from load replenishment

When loading the van for the next route, GD based on the various settings and references active on the dispensers, draws up a list of products whether or not it offers reintegration, reporting automatically "YES" in the "Car" column for the products you want to actually move.

Depending on your work logic, it may happen that even if you define specific standard loads, you decide in certain days or situations not to load products belonging to certain families, or in any case to execute them according to a variable schedule.

Starting from version 6.0 it is possible to deactivate the load in block (deactivating the "Yes" in the "Car" column) all the products belonging to one or more product families, without having to manually and individually click on it. The function, accessible via the button Excl. Fam. Present on the van loading screen, shows the list of families that have at least one product to load (with "Yes" in the "Car." Column at that moment). By removing the tick from one or more families and confirming, the relative products that had "Yes" will no longer be moved. The function only allows you to exclude the products, but by adding a product by hand and then reopening the table, the "restored" families are again shown.

Loading Products onto Truck

Capture from: MAIN WAREHOUSE
Load in: TRUCK 31 BZ 031 SW

Operator: OPERATOR 3
TD and van load: Standard: Issue Transport Document and perform Truck Loading

Product List:

Product	UM	Ordered	Recommended	Truck stock	Lo...	To Load	Warehouse stock
FERRERO DUPLO NOCC. LEGGERO	PZ	0	0	0	YES	0	0
FERRERO FIESTA	PZ	0	0	0	YES	0	0
FERRERO FONZIES PAP.	PZ	0	0	0	YES	0	0
FERRERO FONZIES SINGOLO	PZ	0	0	0	YES	0	0
FERRERO KINDER BUENO WHITE X 30 PZ	PZ	0	0	0	YES	0	0
FERRERO KINDER BUENO X 30 PZ	PZ	0	0	0	YES	0	0
FERRERO KINDER CEREALI X 72 PZ	PZ	0	0	0	YES	0	0
FERRERO KINDER COLAZIONE PIU'	PZ	0	0	0	YES	0	0
FERRERO KINDER DELICE	PZ	0	0	0	YES	0	0
FERRERO KINDER MAXI	PZ	0	0	0	YES	0	0
FERRERO TRONKY	PZ	0	0	0	YES	0	0
FERRERO YONKERS GR 18	PZ	0	0	0	YES	0	0
NESTLE' CROISS. MOTTA ALBICOCCA X 20	PZ	0	0	0	YES	0	0
NESTLE' CROISS. MOTTA CACAO X 20	PZ	0	0	0	YES	0	0
NESTLE' CROISS. MOTTA CILIEGIA X 20	PZ	0	0	0	YES	0	0

Registration: ☐ Riepilogo Ordini ☐ Print Loading Bill

Exclude product families from the load

- ☒ PAYM. PRODUCT
- ☒ SNACK
- ☒ SNACK CAKES

Deselect all Confirm Exit

Print fresh prod. list Confirm Exit

E. Download route data

When the route has been started from the PC it can be taken from the handheld. To do this, simply start the GDTrasf and type user and password. The PDA connects to the GDTrasfService via the network, checks the availability of the route and picks it up. The status of the route can be viewed in the Status window routes from any GD location.

Route status

Status Events detail

Drag a column header here to group by that column.

Operator	Status	Route	Error	Time
GDTRASFADMIN				
OPERATOR 2	Initiated	34		02/07/2019 10:16:13
OPERATOR 3				

GDTrasf

User Name: 2

Password: *

Login

Ver. 6.3 L

S> 10.2.0.31:33343 - C> 10.0.0.32

OPERATOR 2

2019-07-01 Percorso = 0

VUOTO

Route 34 Started
downloading data from server

Monitor Settings Menu

Ver. 6.3 L

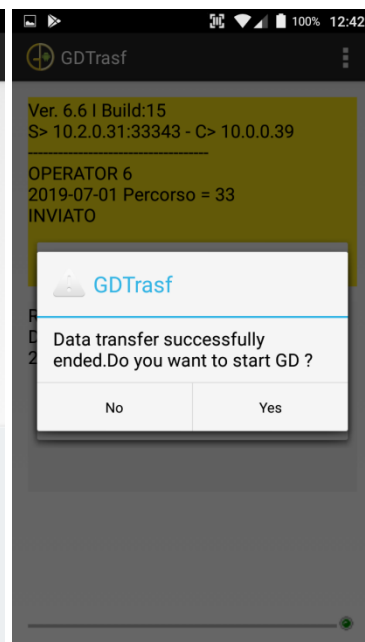
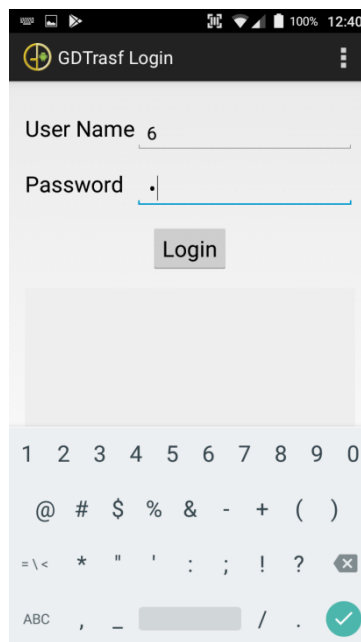
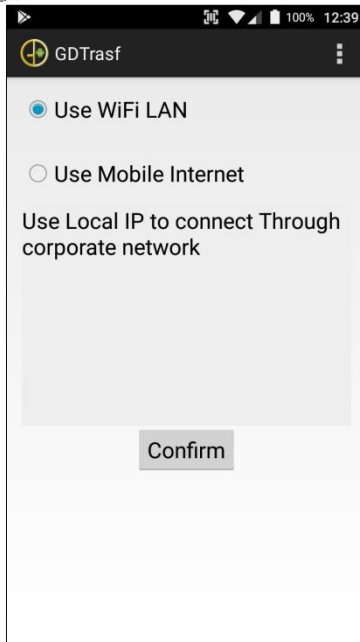
S> 10.2.0.31:33343 - C> 10.0.0.32

GDTrasf

Data transfer successfully endedDo you want to start GD ?

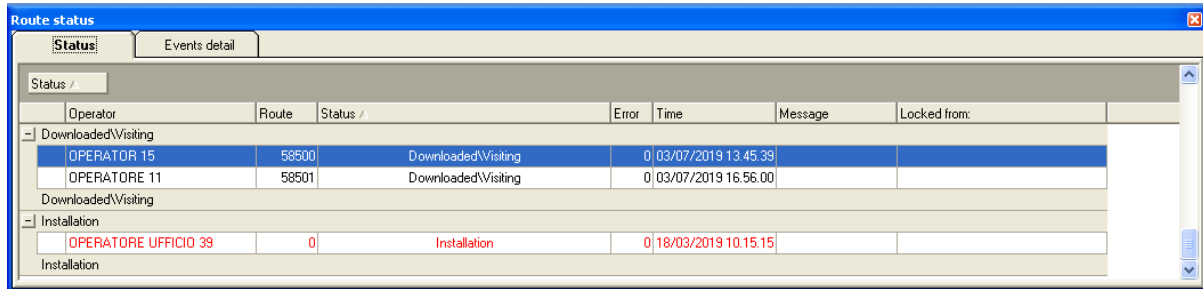
Yes No

Monitor Settings Menu



F. Using the terminal for a route

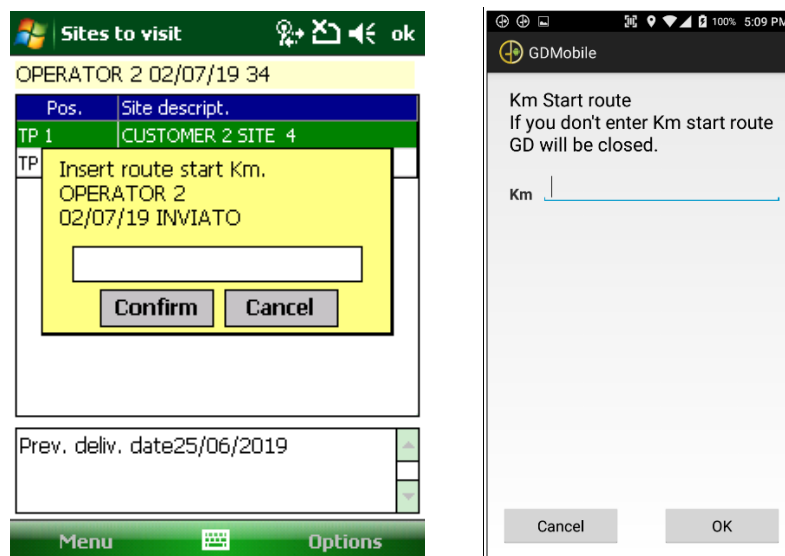
After transferring a daily route to the terminal, you can open GD on the terminal. The route status shows the route as Downloaded / Visiting.



Operator	Route	Status /	Error	Time	Message	Locked from:
Downloaded/Visiting						
OPERATOR 15	58500	Downloaded/Visiting	0	03/07/2019 13.45.39		
OPERATORE 11	58501	Downloaded/Visiting	0	03/07/2019 16.56.00		
Downloaded/Visiting						
Installation						
OPERATORE UFFICIO 39	0	Installation	0	18/03/2019 10.15.15		
Installation						

When GD opens, the form is displayed that asks you to enter the initial mileage of the van.

NB For security reasons it is not possible to run a daily route before the date set for the route itself, so do not open GD until the day for which the route was planned, otherwise the message "Warning: the date will be displayed system is earlier than the lap creation date (operator name). Unable to continue. "



Sites to visit

OPERATOR 2 02/07/19 34

Pos.	Site descript.
TP 1	CUSTOMER 2 SITE 4

TP

Insert route start Km.
OPERATOR 2
02/07/19 INVIATO

Confirm Cancel

Prev. deliv. date 25/06/2019

Menu Options

GDMobile

Km Start route
If you don't enter Km start route
GD will be closed.

Km

Cancel OK

After entering the kilometers, the first screen that is proposed is the one constituted by the list of sites to visit.

You can select the site to visit by pressing the Menu key and choosing Visit site.

Depending on the type of terminal used, in addition to opening the Menus with the stylus you can use the shortcut keys or the barcode reader to quickly access the dispensers to be loaded.

Press the Enter key to move forward and to confirm.

Press the Esc key or press OK at the top of DX to return

Sites to visit

OPERATOR 2 02/07/19 34

Pos.	Site descript.
TP 1	CUSTOMER 2 SITE 4
TP 2 (RIC)	CUSTOMER 7 SITE 9

Prev. deliv. date 25/06/2019

Menu Options

Sites to visit

OPERATOR 2 02/07/19 34

Pos.	Site descript.
TP 1	CUSTOMER 2 SITE 4
TP 2 (RIC)	CUSTOMER 7 SITE 9

Site visit

Show load

Propose truck refill

Immediate truck refill

Situation

New Stage

Final Km.

Inventory

Quit

Menu Options

Selecting the Site Visit Menu will display the Site Detail

Site detail

Informations

CUSTOMER 2 SITE 4

Telephone

Reason for refusal:

Info

Menu Print

Site detail

Informations

CUSTOMER 2 SITE 4

V/M

Truck withdrawn

Keys

Change giver refill

Accounting Summary

Account

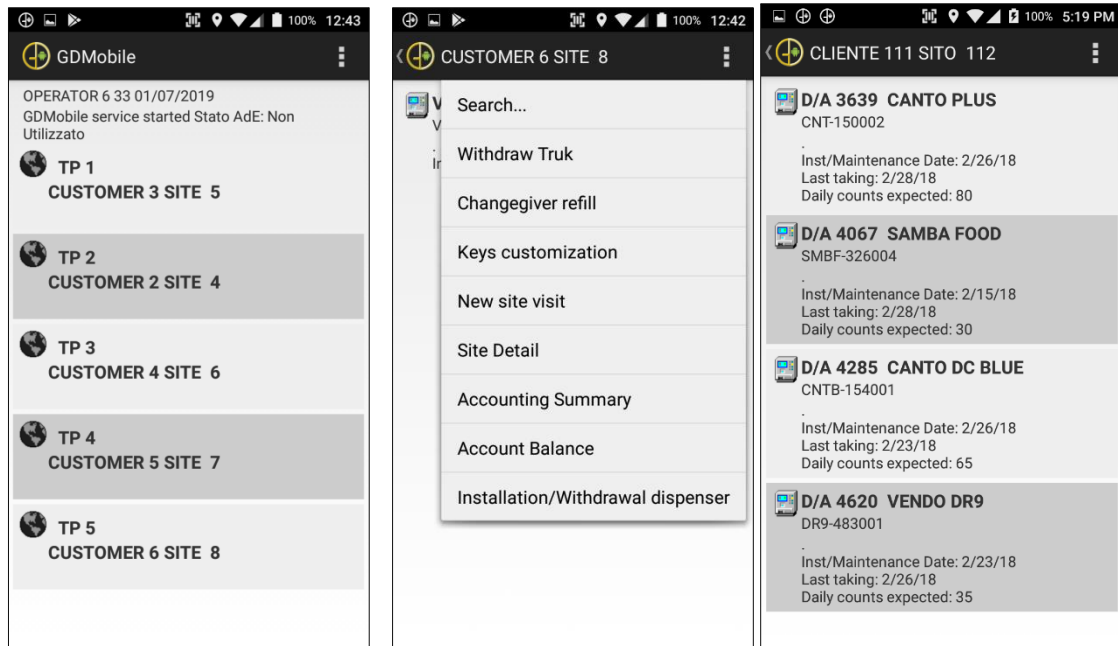
New site visit

Next visit date

Close

Menu Print

In the Android version, with the tap from the list of sites you can directly access the list of site dispensers, and the site detailed information can be accessed from the appropriate menu



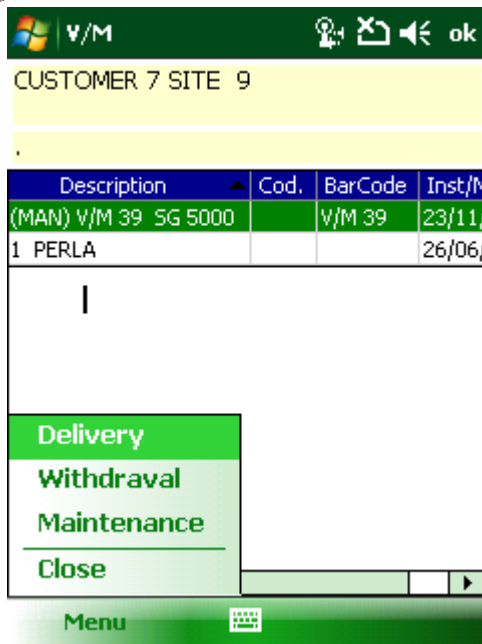
Within the site detail, by pressing the Menu button you can choose to view the dispensers installed on the site. [it is also possible to view the quantity to be withdrawn in the van, who manages the keys, the summary of the site with any balances, the account statement (if enabled), the date of the next visit (if enabled)]. Through the Top-up / Refunds item, it is possible to register from the hand-held device the withdrawal of data refunds to the customer and the amounts used to top up the user key, in addition to those used to top-up the remainder returns (collections collected from the cash desk and handed over manually by the operator in the acceptor for reloading customer keys)

Selecting the menu item dispensers will display the dispensers installed on the site.

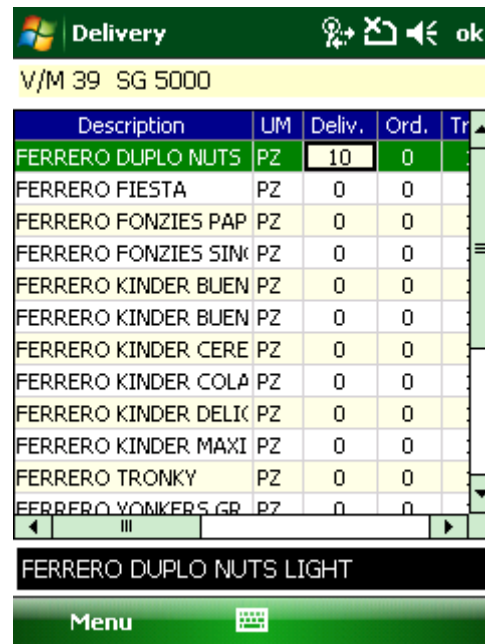
By selecting the dispenser and pressing the menu button you can choose between delivered, picked up and maintenance.

Delivery allows you to register the products delivered or sold to the customer. (In the case of order in the respective lines the quantities ordered are indicated).

It is also possible to see the product quantities still present on the van, record the quantities in stock in the dispenser, enter the lot number of the delivered product.

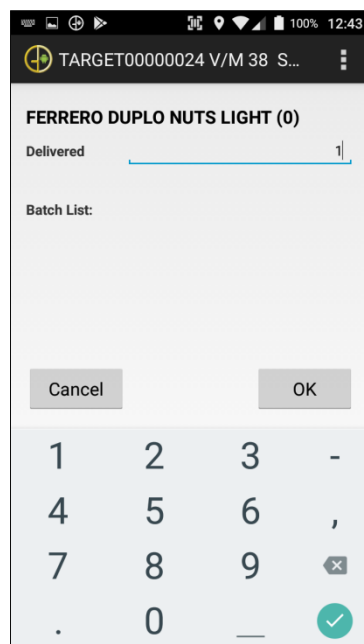
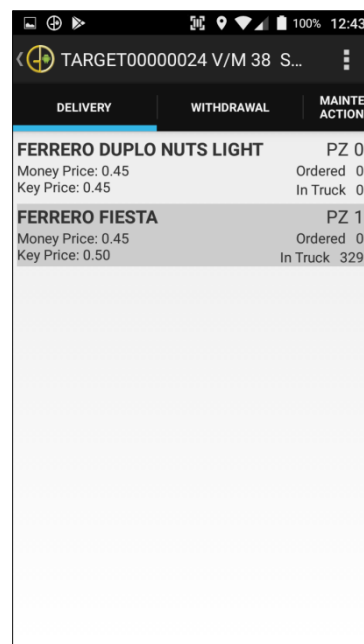


Description	Cod.	BarCode	Inst/M
(MAN) V/M 39 SG 5000	V/M 39	23/11/1	1 PERLA
			26/06/1



Description	UM	Deliv.	Ord.	Tr
FERRERO DUPLO NUTS	PZ	10	0	
FERRERO FIESTA	PZ	0	0	
FERRERO FONZIES PAP	PZ	0	0	
FERRERO FONZIES SINK	PZ	0	0	
FERRERO KINDER BUEN	PZ	0	0	
FERRERO KINDER BUEN	PZ	0	0	
FERRERO KINDER CERE	PZ	0	0	
FERRERO KINDER COLA	PZ	0	0	
FERRERO KINDER DELIC	PZ	0	0	
FERRERO KINDER MAXI	PZ	0	0	
FERRERO TRONKY	PZ	0	0	
FERRERO YONKERS GR	PZ	0	0	

From the delivered one can be accessed, through the menu under **Other products** to be able to view and eventually deliver the products present in the van but not enabled on the dispenser; to the order delivery item so that in the event of an order it is directly the program that records the delivery without having to enter the quantities; you can switch to Pickup and Maintenance.

Picking allows you to view the previous beats (not editable) and record the current beats; in the line it **Collection** is possible to register the **Sack** in which the machine collection money was collected; this number is the reference used by those who will carry out the counting of money at the venue

Delivery 

V/M 39 SG 5000

Description	UM	Deliv.	Ord.	Tr
Withdrawal				
Maintenance				
Other Products				
Batches				
Deliver ordered				
Delivery from stock				
Subscription Delivery				
Selling prices info				
Band and Selling prices info				
Close				

Menu 

Withdrawn from V/M 

SM:TARGET00000003 V/M 39 SG 5000

Type	Prev.	Act.	Amout	Bag	Tries
TAKINGS	0	0	0.00	12	0



Menu 

The logic is analogous in the Android version where, however, also to facilitate the use of the tap, for the various operations of recording of Delivered, Withdrawn etc, and you have the folder (tab) available

TARGET00270000 V/M 36 P...

DELIVERY	WITHDRAWAL	MAINTENANCE ACTION
SUPPLY CASH 0,40	0	
SUPPLY CASH 0,60	0	
SUPPLY KEY 0,40	0	
SUPPLY KEY 0,60	0	
TAKINGS	as	
V/M TOT COUNTER	26633	

Data saved.

TARGET00270000 V/M 36 P...

WITHDRAWAL	MAINTENANCE ACTION	HACCP
BANKNOTES READER CHECK	☒	
CHANGER CHECK	☐	

Note

TARGET00270000 V/M 36 PERLA

MAINTENANCE ACTION	HACCP	MAINTENANCE HISTORY
EXTERNAL CLEANING	☒	

From the withdrawal, you can access the payment system reading installed on the dispenser, the Delivered and the Maintenance.

Reminder to take collection on palmtop

At the operator level (settable in the advanced options of the operator card) or at the dispenser level (in History / Delivery) the alarm function / obligation to withdraw the collection allows to oblige / remind the field operator the need to perform the withdrawal of the coin. Three options are available: No check / Mandatory / Optional. This third option allows you to have a non-blocking alert in case the bag is not registered. In practice, if this option is set as

Mandatory, the loader is obliged to enter a value in the bag field of the collection line if it moves the delivered or even the withdrawal of a specific dispenser. If instead this option is set as Optional, the alert box is shown but can be exceeded.

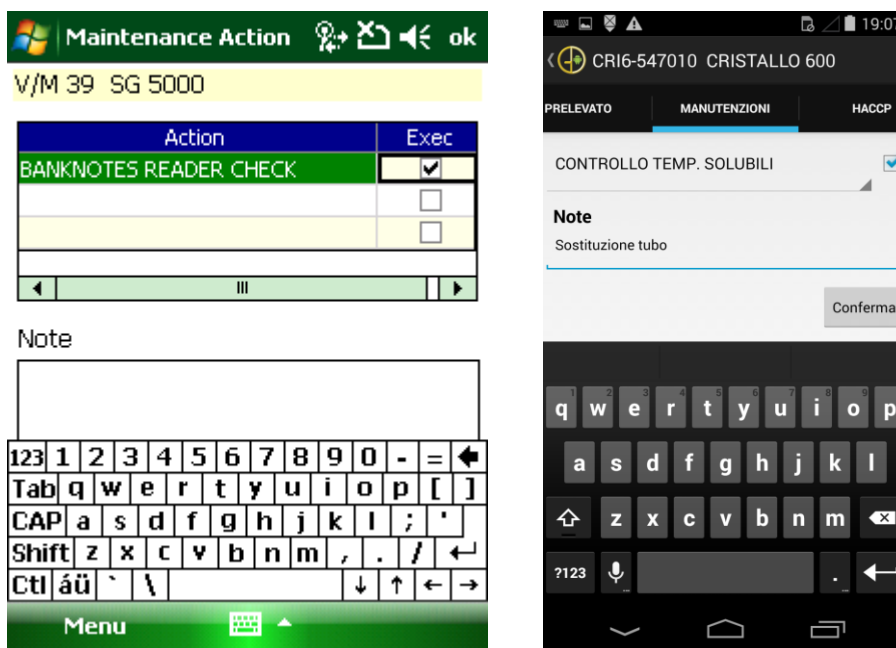
It is also possible at the dispenser level to indicate a break-in interval, or the alarm can be set to be given once the number of days indicated in the "break-away alarm days" field from the last recorded receipt has passed. Obviously leaving the value zero the alarm is given at each visit.

With this additional setting, the alarm (or the block which obliges the withdrawal of the collection) can be set so as not to be displayed at each visit, guaranteeing in any case that the machine, if visited, will be burgled every certain number of days. The setting of the days is present as previously in the dispenser card.

The Mandatory or Optional flushing withdrawal message, depending on what has been set, occurs when the list of dispensers on the site tries to go back to the Accounting summary or in any case to the customer site detail, with a box showing the freshmen of the dispensers where the collection of the bag is Mandatory / Optional.

NB: This option, if enabled, only applies to all dispensers that have enabled the product TAKINGS (or RECEIPT + COUNTERSHOE) specified in the Automation of the general options of GAdmin.

Maintenance allows to record the maintenance actions carried out on the machine. In the case of scheduled interventions or requests these will already be available; the operator can however add unforeseen actions and any notes



Action	Exec
BANKNOTES READER CHECK	☒
	☐
	☐

Note

123 1 2 3 4 5 6 7 8 9 0 - = <

Tab q w e r t y u i o p []

CAP a s d f g h j k l ; ' ,

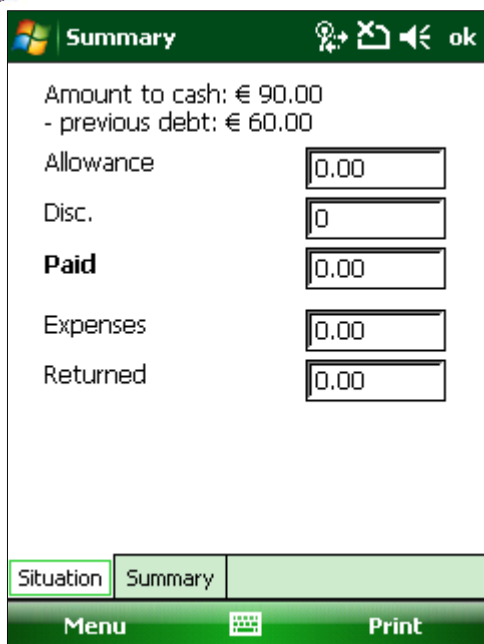
Shift z x c v b n m , . / <

Ctl á ü ` \ _ < > < >

Menu

From Maintenance you can access to delivered and taken

At the exit from the list of dispensers, the site accounting summary tab automatically appears, consisting of two folders, the Summary folder shows the summary of today's delivery with the relative amounts (if provided), l'any previous debt, and the balance: it is possible here to record the payment and the possible rebate.



Summary

Amount to cash: € 90.00
- previous debt: € 60.00

Allowance

Disc.

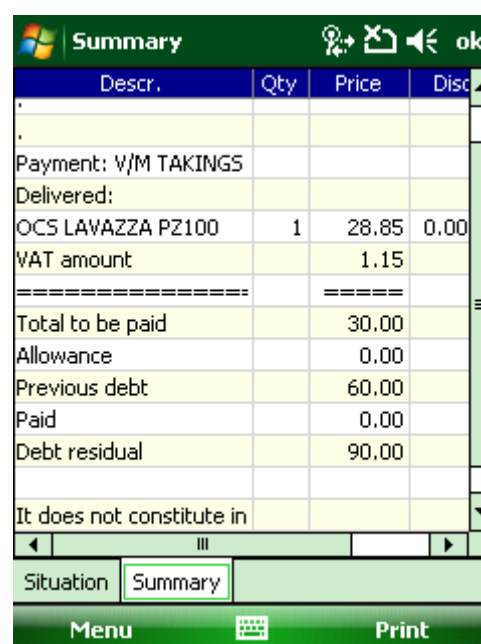
Paid

Expenses

Returned

Situation Summary

Menu Print



Descr.	Qty	Price	Disc
Payment: V/M TAKINGS			
Delivered:			
OCS LAVAZZA PZ100	1	28.85	0.00
VAT amount		1.15	
=====		=====	
Total to be paid		30.00	
Allowance		0.00	
Previous debt		60.00	
Paid		0.00	
Debt residual		90.00	
It does not constitute in			

Situation Summary

Menu Print

Entering the payment on the handheld

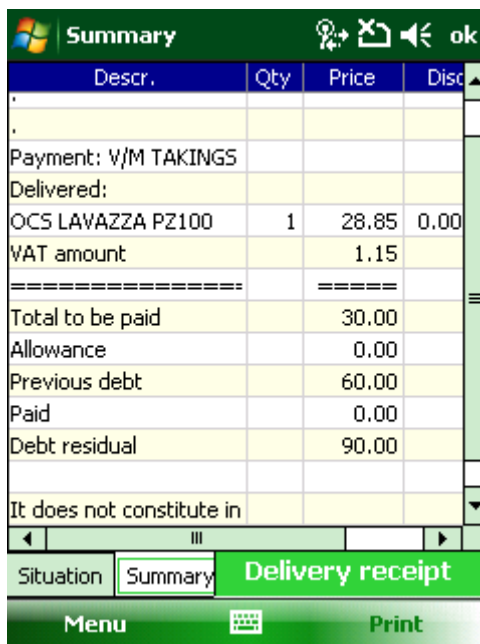
The operator can quickly enter the delivery amount paid by the customer.

When the customer pays all the delivery directly and there are no outstanding balances, since the amount corresponds to the "To Pay", he can automatically set the Paid with the button identified by the "..." on the Paid Summary Accountant -> Situation. If there is only one payment method or no button, it means: enter the amount to be collected in the payment. The button symbol changes from "..." to "=>"

To enter an amount other than the amount to be collected, the text box must be used.

On GDMobile for Windows the possibility of setting the "Paid" amount has been added to the value of "To Pay" even in the case of more than one payment method, by double-clicking on the payment method column. Alternatively on Android smartphones. the insertion of the "Payable" amount in the "Paid" can be obtained with the long tap on the line of the collection mode.

From the website accounting Summary it is possible to print, from the print menu, directly the Ticket

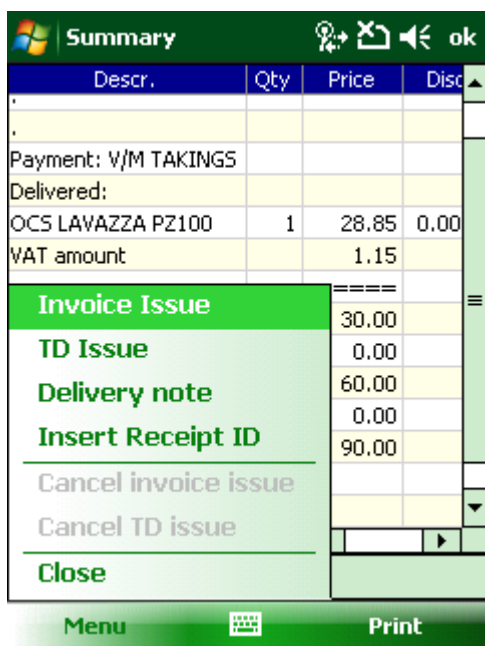


Descr.	Qty	Price	Disc
Payment: V/M TAKINGS			
Delivered:			
OCS LAVAZZA PZ100	1	28.85	0.00
VAT amount		1.15	
=====		=====	
Total to be paid		30.00	
Allowance		0.00	
Previous debt		60.00	
Paid		0.00	
Debt residual		90.00	
It does not constitute in			

Situation Summary Delivery receipt

Menu Print

On Site Account Summary by pressing the Menu key is You can choose to issue the invoice, the delivery note, the delivery note; both can be directly printed, after making the relevant previews (obviously if you have a printer) from the print menu.



Descr.	Qty	Price	Disc
Payment: V/M TAKINGS			
Delivered:			
OCS LAVAZZA PZ100	1	28.85	0.00
VAT amount		1.15	
=====		=====	
Total to be paid		30.00	
Allowance		0.00	
Previous debt		60.00	
Paid		0.00	
Debt residual		90.00	

Invoice Issue

TD Issue

Delivery note

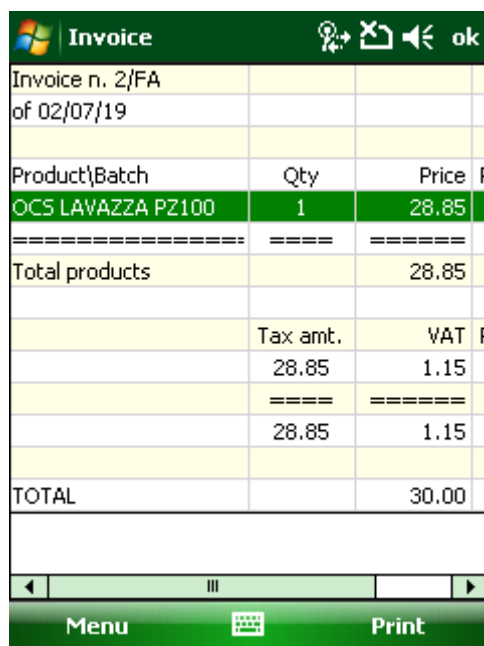
Insert Receipt ID

Cancel invoice issue

Cancel TD issue

Close

Menu Print



Product\Batch	Qty	Price	Tax amt.	VAT R
OCS LAVAZZA PZ100	1	28.85		
=====	=====	=====		
Total products		28.85		
			28.85	1.15
			=====	=====
		28.85		1.15
TOTAL		30.00		

Menu Print

From the Menu of the Sites to visit page it will be possible to:

- **View the Loading** of the van

Truck			ok
Truck load			
Product	UM	Qty	
ACCESSORIES	NR	10	
CIALDA LAVAZZA	PZ	10	
FERRERO DUPLO NUTS LIGHT	PZ	0	
FERRERO FIESTA	PZ	10	
FERRERO FONZIES PAP.	PZ	10	
FERRERO FONZIES SINGLE PACK	PZ	10	
FERRERO KINDER BUENO WHITE X 3	PZ	10	
FERRERO KINDER BUENO X 30 PZ	PZ	10	
FERRERO KINDER CEREALI X 72 PZ	PZ	10	
FERRERO KINDER COLAZIONE PIU'	PZ	10	
FERRERO KINDER DELICE	PZ	10	
FERRERO KINDER MAXI	PZ	10	
FERRERO TRONKY	PZ	10	
FERRERO VONKERS CR 18	PZ	10	
Menu			Print

- Set the **Proposal to reintegrate** the goods into the van (if enabled, otherwise it will not be displayed).

Proposal refill

ok

Expected refill and variations

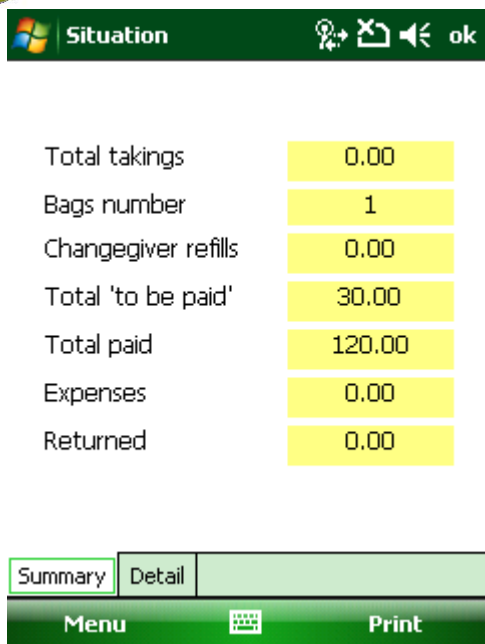
Product	UM	Qty T.	Qta R.	Var.	is
ORIES	NR	10	0	0	
LAVAZZA	PZ	10	0	0	
O FIESTA	PZ	10	0	2	
O FONZIES F	PZ	10	0	0	
O FONZIES S	PZ	10	0	0	
O KINDER BL	PZ	10	0	0	
O KINDER BL	PZ	10	0	0	
O KINDER CE	PZ	10	0	0	
O KINDER CC	PZ	10	0	0	
O KINDER DE	PZ	10	0	0	
O KINDER M	PZ	10	0	0	
O TRONKY	PZ	10	0	0	

FERRERO FIESTA

Menu

Print

- View the Situation



Situation	
Total takings	0.00
Bags number	1
Change giver refills	0.00
Total 'to be paid'	30.00
Total paid	120.00
Expenses	0.00
Returned	0.00

Summary Detail

Menu Print

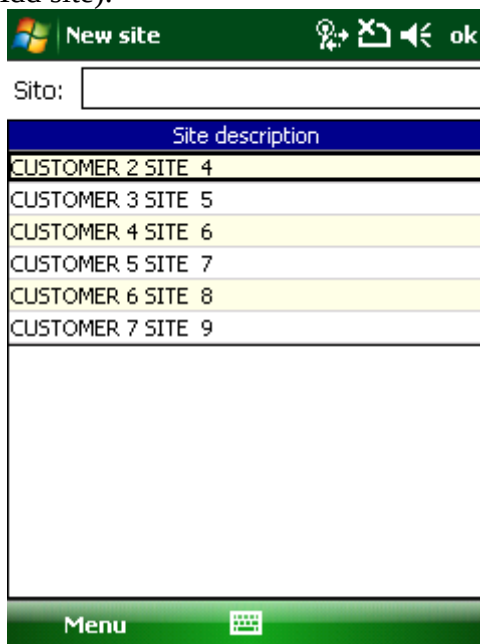


Situation	
Site description	Amount
CUSTOMER 2 SITE 4	120.00

Summary Detail

Menu Print

- Add a new stage (in the New site mask type a part of the name of the site you want to add, then from the menu select Add site).



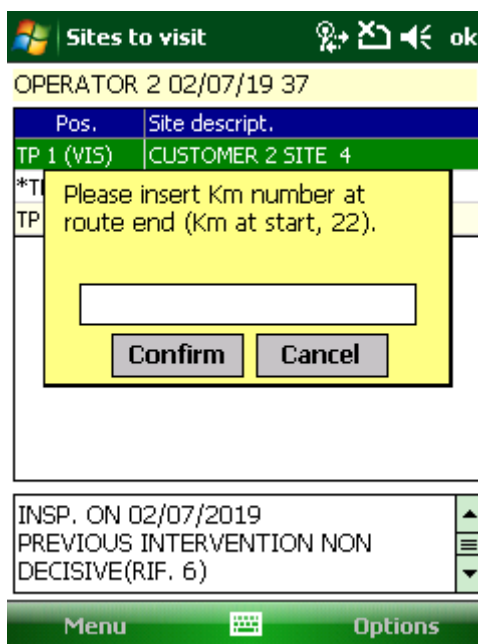
New site

Sito:

Site description
CUSTOMER 2 SITE 4
CUSTOMER 3 SITE 5
CUSTOMER 4 SITE 6
CUSTOMER 5 SITE 7
CUSTOMER 6 SITE 8
CUSTOMER 7 SITE 9

Menu

- Enter the final kilometers of the route



Sites to visit

OPERATOR 2 02/07/19 37

Pos.	Site descript.
TP 1 (VIS)	CUSTOMER 2 SITE 4

*T
TP

Please insert Km number at route end (Km at start, 22).

Confirm Cancel

INSP. ON 02/07/2019
PREVIOUS INTERVENTION NON
DECISIVE(RIF. 6)

Menu Options

- Enter the inventory of the van



Inventory

Product	UM	Withdr.
ACCESSORIES	NR	0
CIALDA LAVAZZA	PZ	0
FERRERO FIESTA	PZ	0
FERRERO FONZIES PAP.	PZ	0
FERRERO FONZIES SINGLE PAC	PZ	0
FERRERO KINDER BUENO WHIT	PZ	0
FERRERO KINDER BUENO X 30	PZ	0
FERRERO KINDER CEREALI X 7	PZ	0
FERRERO KINDER COLAZIONE	PZ	0
FERRERO KINDER DELICE	PZ	0
FERRERO KINDER MAXI	PZ	0
FERRERO TRONKY	PZ	0
FERRERO YONKERS GR 18	PZ	0
FREE GIFT COFFEE CUP	NR	0
KEY ECS FULL	N.	0

Menu Print

Use of the scanner for bags, products and dispensers

If your terminal is equipped with a scanner, as well as for the coin bag, you can use it optionally or compulsorily for both identification of the products for that of the dispensers. The use obligation is differentiated in the case of use for the identification of the products and for the identification of the dispensers with the options on the operator card:

- "Force use of product scanners"

- "Force scanner use Open / Close V/M"

☐ Hide prev. vends counter	☒ Enable multiple visits
☒ Enable immediate refill	☐ Disable msg x stages free
☐ Enable V/M Installation/Withdrawal	☐ Show vend price
☐ Disable order delivery	☐ View EVA-DTS data
☐ Enable GPS Sites Localization	☒ Force use scanners where avail
☒ Force scanner use open/close V/M	nvia SMS: FOR EACH V/M Po
☐ Enable contextual payments	
Cash withdraw: NO CHECK	Free Sites:
	☐ Audit only with the bag inserted

For as for the product part, the scan opens the mask to enter the quantity (or increase the quantity (supermarket type) automatically if the Increment confirmation mode is enabled from the GDMobile settings on the handheld). Any obligation means that the product, if equipped with a barcode, cannot be chosen without the scanner. The traditional mode requires the insertion of the quantity and therefore the manual confirmation in the box that is opened by the product scan. The mode without confirmation instead, allows you to load the quantity associated with the barcode directly at the time of scanning. In this way it is possible, similarly to a supermarket, to scan every single piece thus having automatically loaded the quantity associated with the barcode, based on what is specified in the GD product sheet.

On the other hand, for the dispenser part, by activating the check box it is **necessary to scan the dispenser's bar code both to enter and to exit from the dispenser itself** : in practice, the dispenser's bar code is scanned while in the list of initial sites or in the dispenser list determines the opening of the dispenser and it is not possible to exit from its loading / withdrawal / maintenance screens until the barcode is re-scanned (in any of the aforementioned screens). **This forces the operator to unequivocally mark the work on a dispenser, and the system tracks its opening and closing time. Of course it is possible to return to the dispenser, always scanning the barcode, as many times as desired and each time GD will trace the opening and closing of the same.**

In addition to the integrated scanner, with smartphones it is possible to use Bluetooth devices such as Opticons. In handheld settings, you can specify whether to use the scanner in the traditional GD mode or not.



Selection function of the V/M through the QRCode / BarCode of the master system

As it is known, non-professional Android devices (smartphones) are not equipped with a barcode reader, so if you want to use the latter you need to have an external reader such as the connected Opticon to your handheld via Bluetooth.

However, smartphones are equipped with a camera that allows the recognition of both the barcodes and the printed QR Codes to comply with the new legal obligations for sending the payments. Camera-based scanning is certainly not a fast procedure for a professional user, but if absolutely unsuitable for scanning barcodes on products and bags, it can be successfully used to choose the dispenser by scanning the master system's QR code, especially where the number of dispensers is reduced and not such as to justify the purchase of professional devices.

From this version GDMobile for Android allows you to select the dispenser directly from the list of route stages (or even, if enabled, directly from the free sites).

To use the function, choose the appropriate menu item that automatically activates the camera and allows the code to be scanned. At the time of confirmation the system uses the QR Code as if it were a normal barcode (even if in fact it searches for the dispenser not from its code but from that of the master system present in it, as specified in the registry). The barcode can also be used for searches via the appropriate menu item

Online tracking of the opening and closing of the dispenser via barcode (GD WebEx)

The entry and exit times can be consulted in the GD Explorer / Daily routes in the list of dispensers visited and will be integrated in the future in the various prints and functions available.

NB: The online opening and closing tracking is available only if this option is active.



The screenshot shows a configuration window with the following elements:

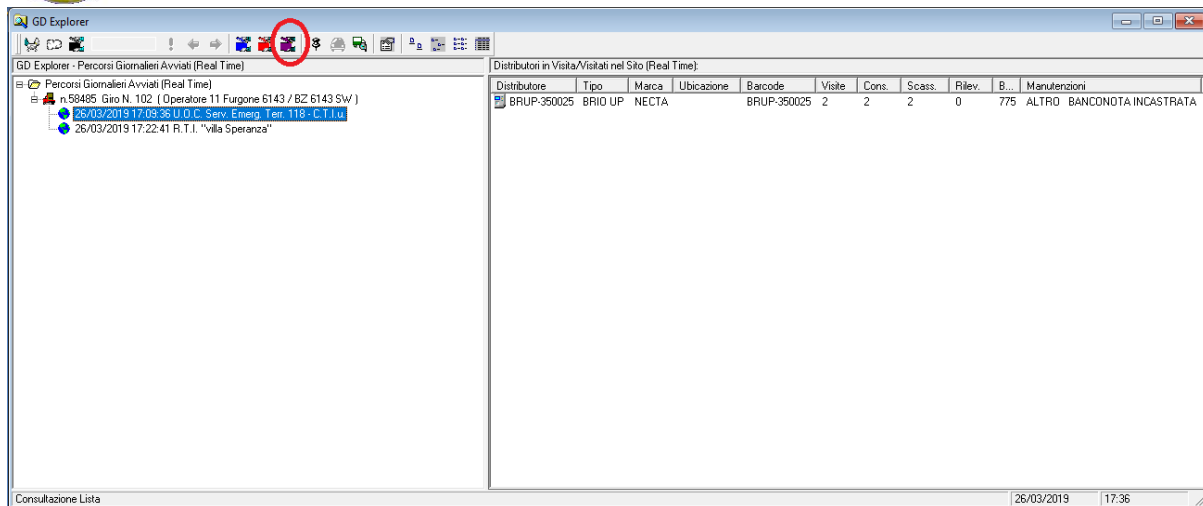
- ☒ Force scanner use open/close V/M
- ☐ Enable contextual payments
- Cash withdraw:
- Free Sites:
- nvia SMS: Po
- ☐ Audit

A dropdown menu is open for the 'nvia SMS' field, showing the following options:

- NONE
- FOR FIRST V/M
- FOR EACH V/M

If you have the GD WebEx module (and GD Messenger is installed) you can also know the entry and exit times in real time and then in advance on the return of the loader by sending an internet message to GDMessenger (Android) for the first V/M of each site or for each entry / exit on each dispenser.

The message also includes any maintenance performed on the vending machine that can be consulted directly in the Real-Time view of the GD Explorer, which shows progressively the work done in the field. Also in the display of the daily routes of the GDEXplorer, in the list of the dispensers visited, a Timetable column is available in which every access to the dispensers is reported.



NB: Opening and closing are not available even for Windows Mobile handhelds, but in order to obtain the V/M opening / closing data via SMS, in addition to the WebEx GD, it is necessary to

- have GD Mobile and its modem installed and configured.
- Have a phone SIM card on handhelds
- Configure the sending of text messages from your handheld by entering the phone number of the SIM present in the modem of the server where the Mobile GD runs in the field **NumberSMS** of the **Settings** in the folder **Advanced** in GD on the portable terminal

NB: Accesses dispensers have nothing to do with the concept of multiple visits in GD that remains unchanged: in practice it is possible to enter (or open and close the dispenser) as many times as desired, but this does not reset the quantities loaded and any data taken during the visit. Only the creation of a new visit (linked to a subsequent passage on the dispenser) stores the values of the previous step and saves them in the archive.

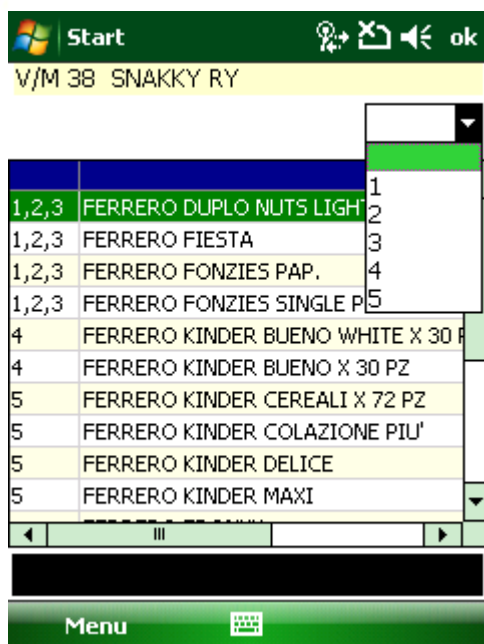
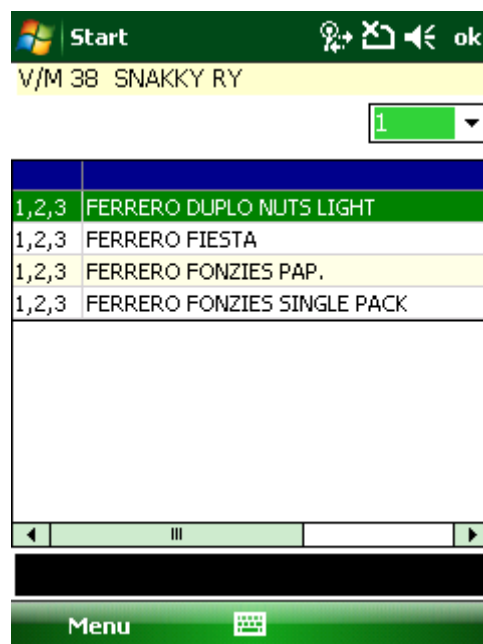
NB2: If there is no scanner, the camera can also be used to perform some of the functions described, through the Barcode / QRCode menu present in the functions where barcode management is active.

Menu Selections and prices on the handheld

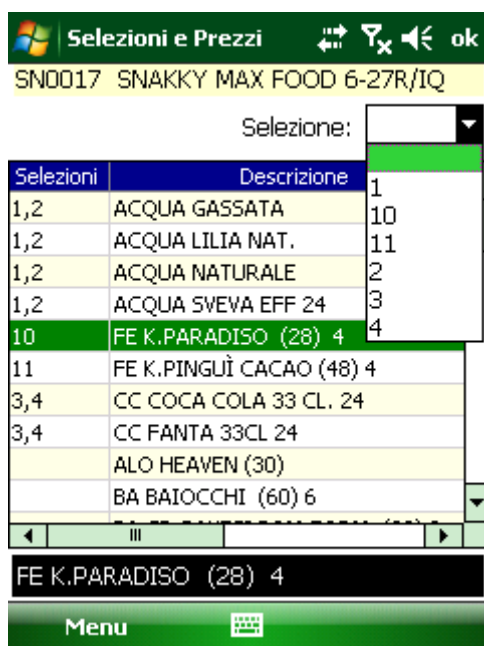
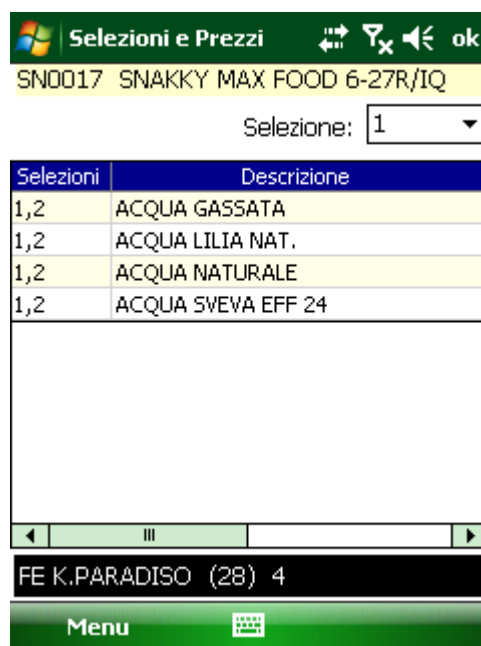
This information is available in handhelds from the Delivery screen, by choosing the menu item Selections and Prices. This function allows you to display a grid the selections where to place the product, the minimum and maximum number of pieces specific for the single dispenser and the coin and key price.

If in the GD configuration a customized alternative coin / key price has been specified for the individual machine, only the latter is shown on the terminal.

Note that if you do not use the product quantity fields on the individual dispenser (QtaMinDa and QtaMaxDa) they are hidden on the handheld. In any case, they are information fields only for the loader, and no message is given or any block made.

On the screen it is also possible to choose any of the selections (among those present in the products) and then view only the loadable products. Leaving the screen itself, the selected product is selected in the delivery grid.

Sales price management in the association between a product and a heat dispenser

In addition to the functions mentioned above, it is possible to register for each product loaded in the dispenser the selling price also for the dispensers who manage heat products. The mode is similar to that available for cold / solid products, but obviously the fields relating to selections and layout are not displayed. In reality the products displayed are those loaded,

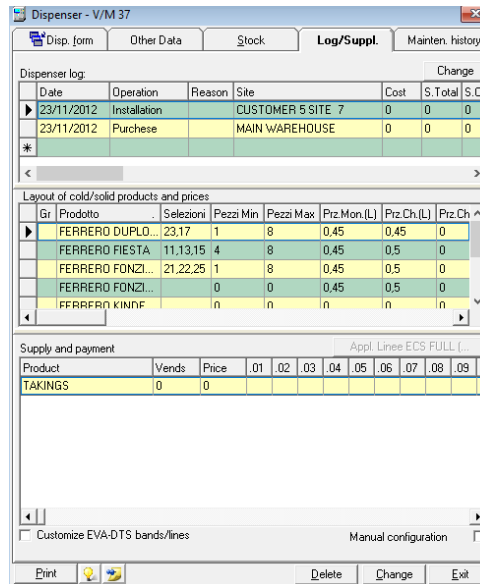
however for those who use executive configurations and do not have specific meters available for heat products, this option is still convenient.

	Gr	Prodotto	Prz.Mon.(L)	Prz.Ch.(L)	Prz.Mo	Prz.Ch.	
	A	LA MESSICANA CAFFE' GRANI SU...	0	0	0	0	
	B	RISTORA CIOCCOLATA SOL. KG. 1	0	0	0	0	
	B	RISTORA LATTE SOL. TOP KG. 0.5	0	0	0	0	
▶	B	RISTORA ORZO SOL. KG. 0.2	0	0	0	0	
	B	RISTORA TE' LIMONE SOL. KG. 1	0	0	0	0	
	C	BICCHIERE CL. 166 BIANCO	0	0	0	0	
	C	LADY ZUCCHERO SACC. KG. 1	0	0	0	0	

Like cold products, sales prices are displayed directly on the handheld.

Function Delivery based on stock (only for those who manage the layout of the dispenser)

In addition to the traditional Delivery, in which the quantities of product loaded are indicated, it is possible a delivery method of the products, starting from the stock in the various spirals based on the dispenser layout information.



In practice, when the operator goes to a cold / snack dispenser, as an alternative to entering the quantity in the delivered (counting the products to be inserted in each single spiral / column), he inserts the products still present in every single spiral of the dispenser leaving to GD the calculation of the products to insert; this GD performs it calculating the difference between the sum of the products present for each single spiral of the dispenser and the quantity (min. pieces) that the layout indicates to it. In this way the stock of products in each dispenser is always updated with each load. The column used is that of the Min. Pieces because this way it is possible to manage situations in which the machine can be inserted, for example, 10 pieces (Max Pieces) but at the moment I would like to insert at most 5.

The implemented function is called 'Delivery from stocks' accessible from the form deliveries for those dispensers for payments that include selections.

The function allows you to enter the stock for each selection, automatically calculates the total stock and proposes the quantity to be delivered based on the maximum quantity.

The confirm button verifies and simultaneously records the delivery and the inventory detection.

To facilitate the use of the function in the handheld it is possible to specify the first column where the cursor is positioned when a product is scanned with the barcode at the opening of the delivered, which in this mode must obviously be that of the stock. If the spiral of a product is unique, simply enter the quantity in the field **Stock** for the field to be **Delivered** displayed. In the case of several spirals, it is possible to type the inventories by spiral separately in the Prices / Selections screen and upon confirmation, the stock column is compiled.

Note that in the Android version a flag has been inserted to activate this option at the operator level in the Settings of the handheld. Furthermore:

-if the screen is activated it is called from the barcode scan (on WM it was active from menu item)

-enables the insertion of the value of the single spiral and also of the total value of the spirals at the arrival of the loader, to have the calculation of the qta to load.

Logic of commercial information on the handheld

For operators who have the role of Agent or Area Manager, the available commercial information is sent to the PDA without prejudice to all the other possibilities and settings already present in the operator card. The commercial information can therefore be accessed directly from the program on the handheld and loaded at the start of the route for all the sites that are part of the route and the free ones sent.

In the customer site card in the case of a commercial operator, the customer category, the zone, detailed data relating to the contract and the next commercial action, the number of users and other information such as the holiday period are displayed. Also on the site detail, the Contract Status (which is a data reported by the Customer Data sheet) and the salient information on any payments and subscriptions currently active on the customer site are also available.

Furthermore, have been added to the Customer Site **three folders** for access to commercial data. In the folder **List** a grid with Product, Coin Price, Key Price which shows the commercial prices entered in GD.

In the folder **Mediaof the site** will be entered the total monthly average and the monthly one for the period set in GDAdmin.

Finally, a collection grid was added with the name of the V/M, Collection date, Model, Reason for withdrawal. In the menu of the dispenser also (the one with Delivery, Withdrawal and Maintenance) the new menu item is available: **Commercial** that allows access to other info on the service to the dispenser (Last visit, Last Collection, Last maintenance) and to the last three deliveries

NB : The data relating to the averages will be sent only to the operator identified as Area Manager and in any case the data sent will relate only to the operator's free sites and not to the rest of the management customers.

On the detail V/M are also available the item 'Last Collection' and 'Batt.gg.previste' in the dispenser info, and the 'Latest Deliveries' folder (the latter is available for any type of operator, even non-commercial) always relatively to the single dispenser.

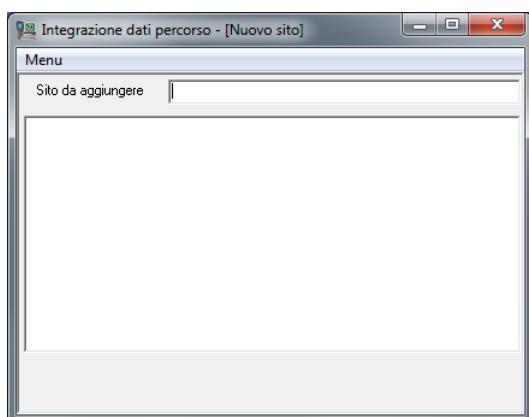
Thanks to the included GDCRM module, functions are also available for the management of sales visits even in a traditional way. Detailed information in the relevant paragraph GDCRM

G. Free sites and their use

At any time the operator can add to his route and visit a site that was not included, or at his choice or following a request from the management (even automatically if you have the GD WebEx module)

All the management sites can be available on the PDA as free sites, or only those pertaining to the operator based on the configuration chosen.

To insert a free site you can proceed manually or using a scanner: manually from the site list screen, press the "menu" button and select "new stage", the "New Site" form will be displayed as shown.



It is possible to insert any part or the entire name of the site, to be added as "free" (for example, if you type "bank", all the sites that include this wording will be displayed), so you must press "Menu" And Enter to assign it.

With enabled "Registry" it is also possible to enter the site ID, which is simply a unique number identifying the "customer site", visible at the top right, opening a "customer request" or from some GD Admin prints.

You can also search and add the site using the dispenser's barcode.

Auto insertion of sites free from scanners

To speed up the operations of the management that mainly work with free sites, the possibility of scanning the barcode of the dispenser has been introduced once to add the site to carry out the visit and the relative deliveries, directly from the site list of the route.

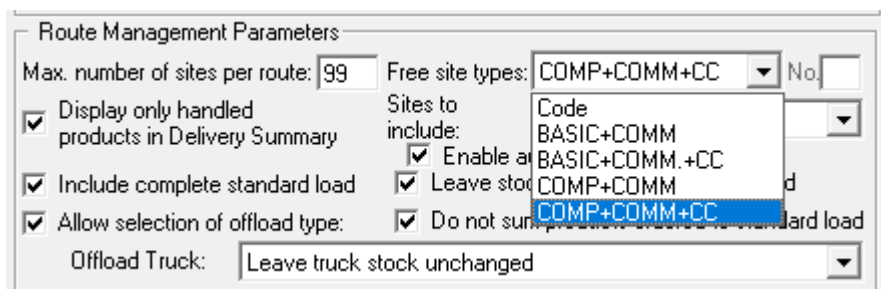
To have the function it is sufficient to activate the "Auto insertion of sites free from scanner" (in GDAdmin / opt. B). Doing so on the PDA, when the operator will scan a barcode belonging to a free site (so by itself not included in the site list of the route), GD will insert the free site itself in the list and will directly show the screen for the insertion of the "Delivered", ie the list of products. The traditional mode (also manual) with the use of the "New site" menu is still available.

Configuration of Free Sites

GD allows users to be inserted in the daily routes of customers who are entered as a new stage and who are identified as "Free". GD Admin, in the "Tools" menu, "General Settings" option, in the "Options B" section offers the possibility to choose between two main options, Code and Master Data, to set the management of free Sites.

In the following figure, the area "path management parameters" is highlighted, where it is possible to set the maximum number of Sites per route, and the type of free sites, choosing between the two possibilities, already mentioned above, Code (which remains for compatibility with the past but now little used) and Registry, of which a description is provided below.

In Android terminals, thanks to the abundance of storage space, the most complete option is usually used (A. COMP + PROD + CC)



ANAGRAFICA offers the following options:

- A. BASE + PROD: basic data (company name) + products
- A. BASE + PROD + CC: basic master data (company name) + products + counters.
- A. COMP + PROD: complete master data (complete site data) + products
- A. COMP + PROD + CC: complete master data (complete site data) + products + counters.

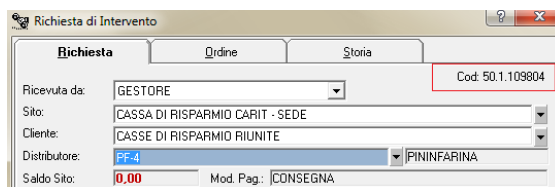
Under the Sites to be included item, you can choose from the drop-down menu, which sites the operator can add to the terminal:

- Complete list: all free sites are sent to the terminal
- Zone (usual Operat): all free sites of the customer areas where the operator for whom the tour is being prepared is indicated as usual are sent to the terminal
- Zones (Competence): the terminal will be sent as free sites all those belonging to the zones enabled in the list of zones in use for the commercial terminal . *This setting is present in the General Settings, but obviously it is more logical to enable it only in the operator card that needs to manage more zones belonging to different operators.*

Depending on the option enabled, on the terminal it will be possible to view the basic or complete registry, only the products to be delivered, or, it will be possible to record also the measures.

When reloading routes, a special message informs the PC operator that a Free Site has been moved. In the operator tab in the advanced settings folder it is possible to deactivate the message confirming the free stages when reloading the route "Disable msg x free stages". It can be set at the operator level to allow deciding whether to keep the signal active depending on the characteristics and work of the loader.

CODE allows you to set a maximum number of free sites that the operator can enter on the terminal (maximum 10). To insert the free site on the terminal, the operator must position himself on the word "free site", choose "new stage" from the menu and enter the customer code, which the operator in the office can view, top right, when accesses "Customer requests" once the customer and the dispenser have been entered (NB the request for intervention made by the customer must not be added between Open request requests, but possibly between those assigned)



Then the operator, on the terminal, will have to register the code in the following screen:

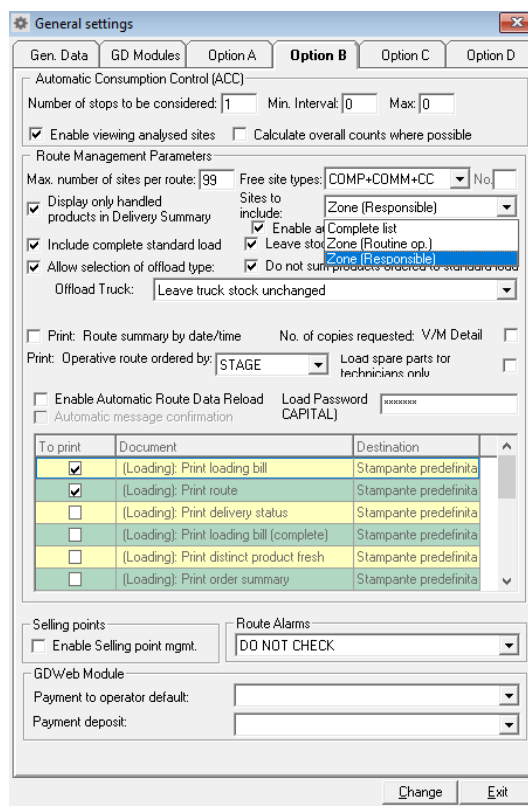


To insert a new stage, select "free site", then "menu" and "new stage", when the window appears you can enter the data relating to the dispenser / sites. Taking into account that by entering the Code, the point means that you have to go to the top, pressing "menu" again, you can assign the stage.

After entering the free site the operator can record the delivery of the goods, or any maintenance performed, but he will not be able to register the withdrawal (reading of measures and receipts), he will be able to record the payments of any balances and the payments of customers that have the payments based on the products delivered.

Management of the type of free sites customized by operator

On the Operator data, advanced options folder, there are the same options as the General Settings of GD Admin for configuring the Free Sites (less the number of free sites in case of use of the "Code mode" which is always global).

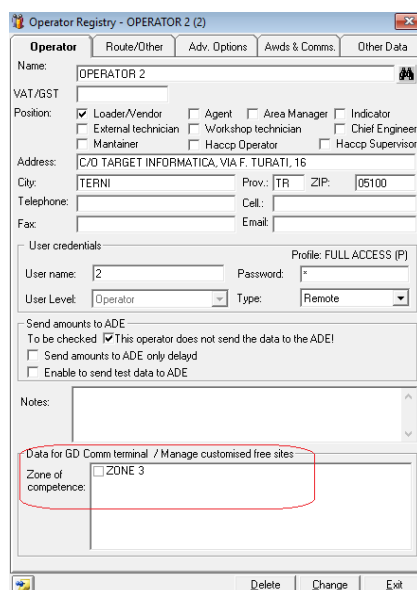


If you choose to have custom operator options, you need to set them on the operator's individual card.

NB: If the settings for managing the Free Sites are changed, **MUST be** the Terminal initialized (obviously in this case only the terminals of the operators that have undergone changes to these settings must be initialized).

Management of free sites customized using the areas of competence

GD allows you to send free sites of several zones to the terminals regardless of the usual operator if the operator option enables, for the management of free sites the customized option and type free sites you choose the option Master Data with the option Zone (Competence); in this way it is possible to send to the terminal all the sites belonging to the zones enabled in the list of zones in use for the commercial terminal that are displayed in the Operator Card

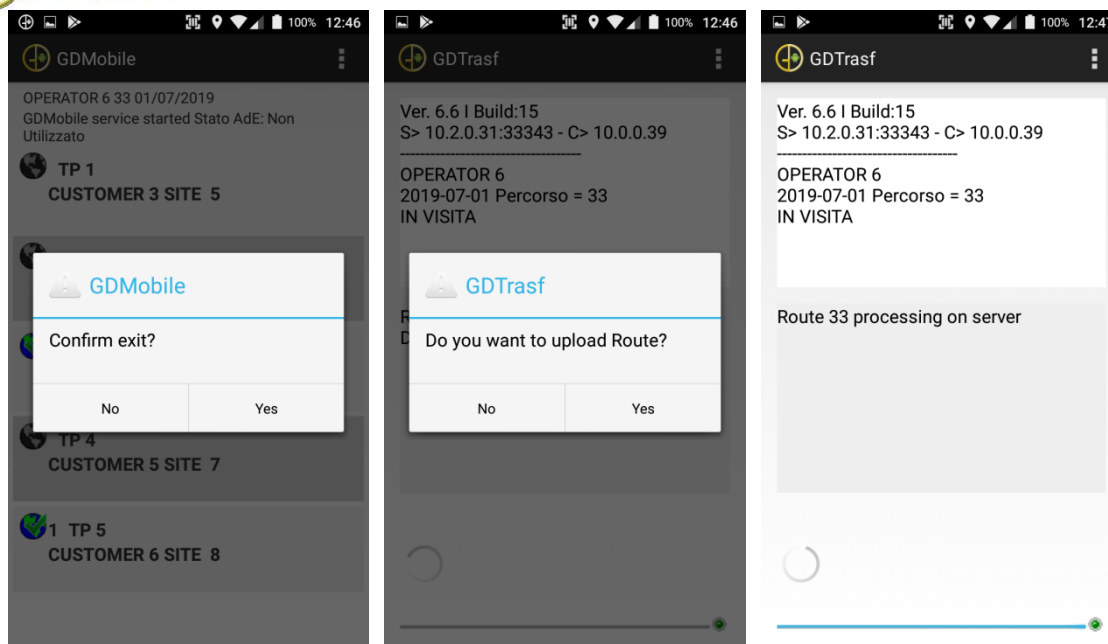


Exclusion of types of dispensers from the data of free sites

In particular configurations, for example when specific configurations are configured types of dispensers to manage sales over the counter, it may be useful to exclude them from the data for free sites, as they are specifically created and not used / usable on handheld computers. There is a special check in the Type dispensers / Product Sheet / Other data

H. Upload route data from the handheld.

At the end of the daily work it is necessary to close the GDMobile program and start GDTrasf.



Once the credentials have been entered, the route is transferred to the server via the GDTrasfService and it is possible to reload it effectively in the GD database

Route status						
Status						
Events detail						
Drag a column header here to group by that column.						
Operator	Status	Route	Error	Time	Message /	
GDTRASFADMIN						
OPERATOR 2 WM	Loaded	38		03/07/2019 16:18:02		
OPERATOR 2	Open	36		03/07/2019 12:00:12		

I. Reload route data

When the operator returns, once the daily tour is over, it is necessary to reload and record the information relating to the route (deliveries, receipts, suspended, completed stages etc.) of the GD database.

After positioning the terminal in the Docking Station, select the item **Recharge pre-course data** from the Management menu and carefully follow the instructions displayed in the various operating steps. **The transfer of data from the Terminal to the PC must always be carried out on the same PC on which the route has been prepared and sent to the Terminal.**

It is advisable to carry out various test runs and to reload the data to check the program operation logic in different situations. The test runs, together with all the dynamic data (stocks, stock movements, receipts, calls etc.) can be reset by selecting the Recalculation Stock item while holding down the CTRL key. Obviously this option can be FATAL when you have started working, as it eliminates all the handling of the management.

Loading Route data



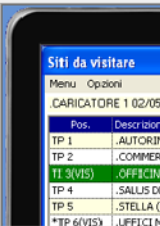
This function allows the assisted loading of the data from the terminal to a temporary file, checking on a PC, and subsequent integration with the central database.

The operation may also be performed with local files to simulate test runs, or in the case where a handheld terminal is not available.

However, in this case it will be necessary to set the activity performed by the operator by means of the integration and Check Data program.

Cancel < Back Forward > End

Loading Route data



Please connect the terminal, if required select the terminal type and press forward.

In case of errors, check the connection and press OK in the dialog box.

To cancel the operation, press Cancel.

NB
Select Local Management without Terminal for not taking the route data from terminals but to work locally with the program for Integration of Terminal data.

Type: GDTrasServices management

Operator: OPERATOR 2 WM

Cancel < Back Forward > End

Loading Route data



Recognition performed.
Press back if you wish to change terminals.

Operator: OPERATOR 2 WM

Truck: Truck 33

Date: 03/07/2019

Route No.: 38

Cancel < Back Forward > End

Loading Route data



Press forward to register the data in GD.

- Press Consignment Bill to display and print the list of products delivered over the route.
- Press Takings/Counters Bill to display and print the collections and beats registered over the route.
- Press Route Data Integration to run the data checking and modification program.
- Press Forward to load the route data into the Central Database.

Load truck proposal	Consignment Bill	Takings/Counts Bill
List immediate Refill	Delivery Summary	Maintenance Bill
List Inst./Sales/Withdrw	Returned Bill	Integration of Route Data

Cancel < Back **Forward >** End

Loading Route data



Press Register Data in DM to import the data into the central archive.

WARNING: ! Ensure that the Route Data Integration program is closed prior to pressing Register Data in GD. The deliveries, collections, maintenance operations and all other information will be stored in the relevant record.

Truck Offloading

☐ Complete truck offloading

☐ Offload only products not included in default load

☐ Offload only products included in default load

☒ Leave Stock Unchanged

Write Data in GD Database

Load suggest Offloading Bill

Cancel < Back Forward > End

Loading Route data



Data loaded into central database correctly.

WARNING: ! Examine or print all bills prior to ending: pressing the End button will close everything automatically.

Route Summary

Subscriptions about to expire

Cancel < Back Forward > End

Print load prospect

During the reload of the daily route in the Data Recording screen in GD, a new button is available that allows you to have an indication of the prospective load required for the next day, which can be recalled via the Load Prospect button.

This allows to anticipate the work of preparation of the load by the warehouse operator.

Obviously since GD still does not know what the next route will be, the function takes into account the standard load of the lap that it has just closed (assuming that those who use the function have a constant standard load for different days (laps) with the same van and it takes into account the deliveries made and any recharge proposal entered by the operator

In practice, the quantity to be loaded is similar to what was proposed at the time of loading at the start of the next route, except that it does not take into account the possible unavailability of the warehouse. it takes into account the option of unloading chosen (unchanged stock, total or partial unloading) and can be done even before pressing the Register Data in GD

J. Logic of management of multiple visits

GD allows to manage the registration of deliveries and multiple beat surveys all inside a single route. The function has been designed to facilitate the work of those operators who pass several times in a day (or in any case in a tour) at a customer site and that today must manually add the product quantities left as well as any detected jokes.

At GD level, multiple deliveries and surveys are stored as individual movements, with additional information at the level of movement detail.

Enable

The option must be activated globally on GD Admin, Options A of the General Settings, and then enabled at the individual operator level (Advanced Options folder of the operator registry). The option on the operator can only be changed when the route is closed (otherwise the box is disabled).

Use on palmtop

After the first visit, when he returns to the site, the operator, through the menu item "New site visit" present in the site detail screen, can create a new visit. In this way the delivery and withdrawal data of the previous visit are historicized and will no longer be accessible. In the list of sites to visit, next to the wording VIS that appears next to each site visited, the number of visits is displayed so in the case of 2 visits you will have VIS2.

Returning to the site on the handheld will have the following situation:

- The data relating to the delivery will be zeroed and ready to enter the quantities relating to the new passage.
- The data relating to the current measures will be zeroed and ready for the new values relating to the new passage to be entered.
- The value of the previous beats detected at the first visit for each counter will be reported in the column as a Batt value. Precedents (obviously if detected)
- The Bag field will be cleared ready for the insertion of a new bag with the new collections.

When reloading the route, the data relating to the single visits will be present in the delivery note and receipt and bill lists.

Data on the PC to recharge

After the GD recharge of the route, you will have the following entries:

- The deliveries of products made in the different visits will be added together and recorded with a single movement of deliveries, with the notes of each single movement the detailed quantities actually delivered in each visit.

- The measurements of beats made in the different visits will be visualized totaled in a single survey that will be displayed automatically when the detail of the line of Counts / takings is opened; however in reality GD will keep the information separate so that it can count the bags taken from different visits separately and be able to associate multiple surveys of the payment systems.

The surveys from the payment system and the counting of the bags can be managed at the level of details of the visit, so the operator can if he wishes to use different bags for the collections of different visits to the same dispenser as well as for the surveys of the payment system.

NB: Only information on product deliveries and beat / bag surveys can be stored on multiple visits. All other data (for example maintenance actions) are always constant (if 2 visits are performed, 6 possible maintenance actions are not available but always the same 3 that are displayed / changed whatever visit is entered).

The quantity of goods withdrawn is unique for all visits.

In the Accounting tab of the Customer site in the case of multiple visits, the rows are split. This allows you to have correct information in the case of multi bill and related payments.

In revision of movements in the event of multiple movements, opening the line directly shows the grid with details

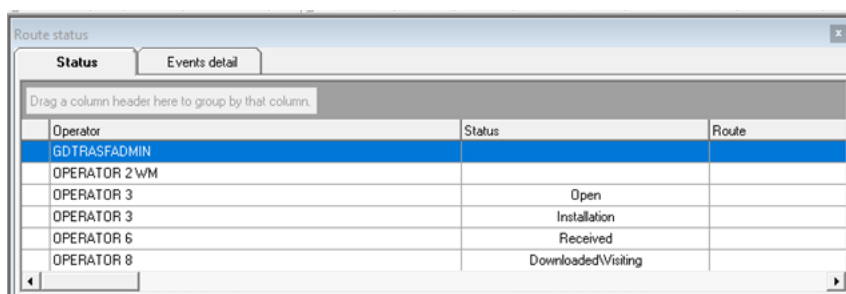
Opening a new visit to the site to scan the dispenser's barcode on the PDA

When the dispenser's barcode is scanned, GD automatically opens the list of products to be loaded . To facilitate the execution of subsequent visits to the first without having to move manually, a new visit opening request was entered when scanning barcode V/M from the site list and the site has already been visited (**if at least 15 minutes have passed since the previous visit**))

Replying A new visit to the site containing the dispenser is generated, otherwise answering No you can continue to load the products in the current visit.

K. The Route Status Window

The window consists of two folders: in the first (Situation) the operators are displayed with their current situation, while in the second (Activity detail) it is possible to view the history of what happened at the level of data transfers and in general operations between GD and handheld devices.



Operator	Status	Route
GDTRASFADMIN		
OPERATOR 2\WM		
OPERATOR 3	Open	
OPERATOR 3	Installation	
OPERATOR 6	Received	
OPERATOR 8	Downloaded/Visiting	

Main statuses available

Path Open	The operator in GD has opened a new route
Path Started	The operator in GD has started the route, defined the load if foreseen and the data is available for sending
Local Started route	Same previous situation but the route was created to work locally on the GDMobilePC
In Acquisition	The handheld has started GDTrasf and is about to send (or send) data
Acquired	The server received and verified the file from the handheld
Path being processed	The server stores the data received in the temporary tables (logically equivalent to pressing the Acquisition button in the standard data reload)
Registered route	Data was recorded in GD (logically equivalent to pressing the Register button in standard data reloading)

In Pickup	The handheld has started GDTrasf and is about to take (or take) the data
In unpacking	the handheld received the file and is unpacking the zip file with the string vio
Picked up / visiting	the PDA came out of GDTrasf and is delivering with GDMobile

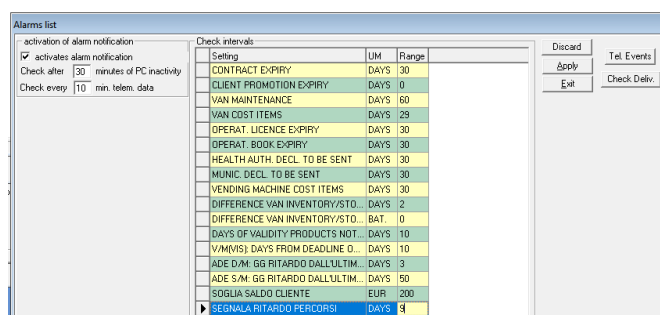
Inventory created	The list of products for the operator has been prepared and is available for the PDA
Inventory in progress	The PDA has started GDTrasf and downloaded the data and the operator can carry out (he is performing) the inventory on the handheld
Inventory received	The handheld has started GDTrasf and sent the data and the operator on the PC can acquire them.
Inventory acquired	data was recorded in GD (not visible)

Installationinstallat ion	Thepackage is ready and / or the installation is in progress on the PDA

NB: Some of the states are visible and have meaning only in the GDTrasfServices mode

Red highlighting in the routes status not closed within x days

From version 6.6C in the route status window, non-closed routes that were started before the specified number of limit days are highlighted in red. This allows you to quickly check which loaders have not picked up or resent the data within the maximum range. This can be useful for different uses, but certainly for those who make invoices directly with the terminals and do not send data daily, to avoid incurring delays in electronic invoicing linked to exceeding the maximum 10 days of delay. For this purpose the default value is set to 9 days. To set different GG values open the Settings folder in the Alarm List window by clicking on the icon in the status bar at the bottom of GD.



Displaying the PC and the Disengage function in the route StatusPath Status

In the window there is also a column called "Engaged by:" in it shows the name of the machine (pc) that is committing the operator to start / recharge the route. The mechanism that has always been present in GD, prevents other users from uploading data from the same operator, but until now the display of who did what was not available.

To allow you to get out of any impasse related to any problems in transmitting data via internet, the contextual "Disengage" menu item has been added that allows you to free up the route and process it again, without the intervention of the assistance service of the Target Informatica.

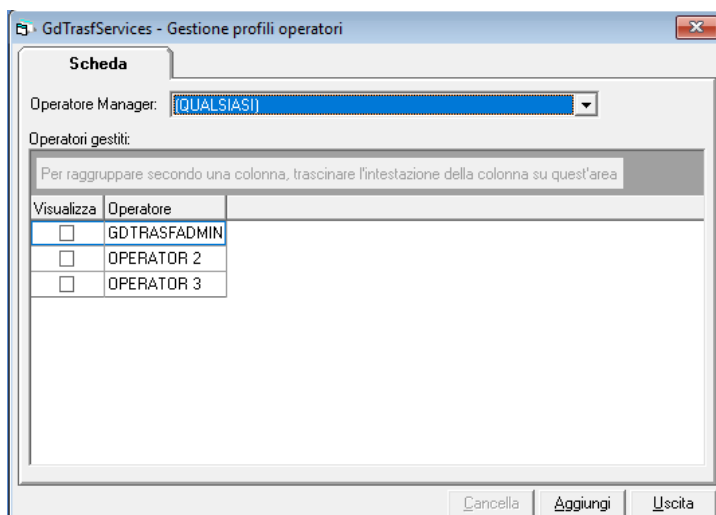
Note that the relevant message has been added to the log to record that the route has been unlocked and the PC operator who unlocked it has also been added.

Choice of managed operators for each PC user

The status view window shows by default the list of all the operators who act as active loader / seller, however, for installations with a large number of PDAs that have GD security enabled, it is possible to further specify which PC operator manages which handhelds. This setting is also followed by the automatic reloading of route data, allowing the work to be divided between different operators.

The configuration screen is located in GD Admin / Tools / GDTs profile configuration and is accessible only for GD level operator operators.

This function allows you to choose globally or for specific operators in the office (the operator who accesses GD on the PC), which loaders must be displayed in the status of routes as it is of interest to them.



If this option is not configured, the entire list of operators is displayed in the route Status and consequently, all automatic routes are managed from any PC in Automatic reloading of route data.

L. Automatic route data reload

This function allows you to automatically perform the route data reload operations, print the main summaries, generate the route for the next day and load it in the terminal, with the production of the necessary documents.

This function makes the loaders operational for the next route without the presence of the operator; in particular, it is designed to be able to run even on a personal computer outside the secretariat, which remains active even outside of working hours, in order to facilitate interaction between shippers and secretary.

It is absolutely advisable to activate the use of the automatic recharge only after having become familiar with the program and after having understood the functioning of each single phase of the creation and reloading of the routes. This is also because it is not possible to interrupt the process or modify the data taken from the terminal with Route data integration, which obviously would require human intervention.

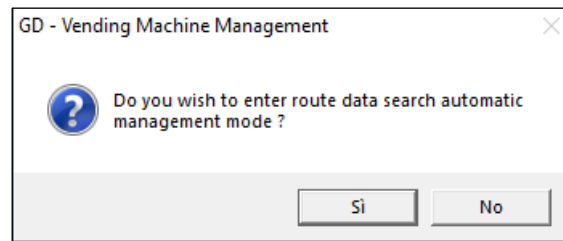
To be able to operate with this function it is necessary to:

- Activate in the General Settings of GD Admin, Options B, the option **Enable automatic procedure for reloading route data**
- Create, if not present, the operator "manager", assigning it, in the Advanced Options of the Operator Data Table, the user level "Manager". This operator is the only one who can deactivate the automatic route data reload by re-entering GD and re-enabling the normal menus.
- Activate the option **Enable automatic management of route data reload** on the card of each charger, assigning the Operator user level, and possibly entering a password that the loader will need to know to download and recharge his terminal.

The operation of the top-up is very simple:

the secretariat must prepare for each charger the next daily route that must be executed, creating it with any of the options present in GD and manually adding desired customer stops and / or requests. The route must not be started, as this will be provided by the automatic recharge function after having taken the previous route from the terminal and having updated all the information necessary for starting the next tour (van, balances, customer requests not fulfilled, etc.). .).

In the evening, the secretary enters the automatic recharge mode, confirming access to automatic recharge (from the management menu, route data reload); once selected the program presents a login box.



The operator, upon returning from the route, inserts the terminal on the Docking Station and in the Login window type user and password. To recall the operator, tap enter and select it from the drop-down menu and then enter the password.

If the operator is set as Remote, there is no need to enter user and password as the program attempts automatic recognition.

GD checks the data in the terminal and asks the loader for confirmation, indicating the route to be downloaded and the next one to be reloaded.

Upon confirmation, the route on the terminal with all its data is loaded into GD and the Delivery List, Job List / Route and Route Summary printouts are produced.

The data is recorded and the generation of the new route is started, with the consequent transfer of data to the terminal and the production of the necessary documents (loading TD , installation notes etc.) exactly as in manual management.

NB Using the automatic route data reload it is not possible to change the van load in the product loading window in the van, so you work with stocks and / or load the standard load or the load proposal.

The only difference with the normal generation of routes concerns the management of customer requests not made: in fact they are normally put back in the list of requests assignable to a route and manually the secretary can assign them to those who believe. In this particular case, at the time the route is created, no requests are known, so the secretarial operator is not able to assign them.

The automatic reloading of the route, to avoid the inconvenience, then proceeds to insert them autonomously within the subsequent route of the operator who has not previously performed them.

Advanced options for automatic reloading of route data Automatic

confirmation of messages option

If you enable the **Automatic confirmation of messages item**, all messages that are not errors are automatically confirmed, ie in the absence of problems, the unloading and reloading of the route works without user intervention .

With this change the operator's task will only be to enter his ID or surname to enter the automatic top-up; the operator will not have to confirm anything else.

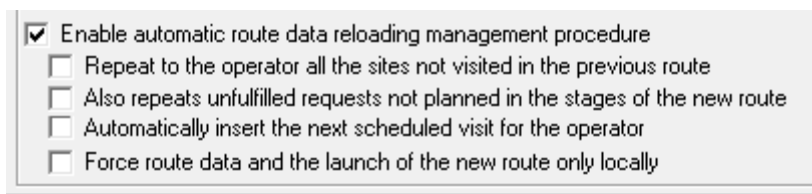
The elimination of all confirmation messages can be set in GD Admin, general settings, options B;

Options Printouts desired during the automatic procedure for reloading route data

Allows you to choose the type of printouts to be made (general for all routes)

These are set in GD Admin, general settings, options B (the preloading printouts are fully customizable both in the recharge phase of the old tour and in the start-up of the new one).

Options on the operator's card



☒ Enable automatic route data reloading management procedure
☐ Repeat to the operator all the sites not visited in the previous route
☐ Also repeats unfulfilled requests not planned in the stages of the new route
☐ Automatically insert the next scheduled visit for the operator
☐ Force route data and the launch of the new route only locally

Option Propose to the operator all the sites not visited in the previous route

This option, customizable by operator, allows GD to transfer to the route of the next day as well as the requests not made (The stages with a request / order are proposed again always and in any case regardless of the enabling of this option) the other sites included in the route of the day before that have not been visited (sites not visited in the previous route by the operator).

The revival of sites not visited the day before can be set at the operator level, in the advanced options tab of the operator data table.

Automatic reload option for inserting unfulfilled requests

An option has been added on the operator card (Advanced options) to control the insertion of non-evaded requests (relating to steps not belonging to the route) in automatic reloading. Until version 6.4D this was done in the office. From 6.4E it is possible to avoid this automatism, for which the appropriate flag must be activated; for continuity with the past, whoever had the operator down enabled for automatic reloading, will find the existing operators with the flag already active so that he does not have to do anything if he does not want to change the usual behavior of GD

Option Automatically enter the next scheduled visit

Allows the operator, if automatic reloading is enabled and the option "Automatically enter the next scheduled visit" on the operator card, to insert a date on the terminal that he deems appropriate for the next visit. When reloading the route, GD stores this information together with the operator who recorded the data and, when creating the next automatic route for the date in question, also adds the planned leg.

NB: on the Customer Site tab the relative date / operator field is displayed only if there is a visit set at the bottom of the Acc / Date folder and from here it is possible to change it (if one exists).

Furthermore from GDAdmin the daily route data printing, if the general route data reload is active, shows grouped by operator based on the visits made on the specified day, which upcoming visits are planned for the sites visited and, if a pre-sale has been made elaboration of the CAC, which date would have been foreseen by the ACC itself.

So the operation of the new function, available only for those who use automatic route data reloading, is as follows:

- Enable the "Automatically enter the next scheduled visit" option on the operator card
- Have the operators enter (from the "Site Detail" screen "on the terminal) the date of the next visit (the terminal proposes the next day and only accepts dates later than today)
- Upon automatic recharge, the date of the next visit and the operator who set it are stored on the sites

- When the route is sent during the automatic route data reload, the steps for any sites with the next date equal to that of the tour that is starting are added to the route of the operator who set the next visit date

- E It is possible to print the list, based on the visits made on the indicated day, of the next scheduled visits.

NB: The data relating to the date of the next visit are not or historical, so when the new route is started and the stage entered, they are deleted from the site card: the same applies to the "Print list of sites with Next visit date" report, which obviously makes sense if printed day by day.

Option Force route reload and start new route locally only

This option allows automatic reloading without immediate resending to the terminal of the new route started, this above all in order not to lengthen transfer times over the internet too much (especially in situations of structurally slow connection) of the automatic data reloading by a remote operator.

If you activate the option, present in the Advanced Options folder of the operator registry, in the case of automatic reloading, the route is downloaded from the terminal and the tour is closed in the traditional manner, but the new route is forcibly started locally, so that the PC operator can then send it back, even locally, to the loader handheld once it is in place.

By shortening the download times of the operators, this mode indirectly allows to have the standard load replenishment data of all the operators before their arrival, thus allowing a better management of the warehouse operator's tasks that can prepare the load in advance for all operators, also in companies with a large number of shippers.

Auto-Repeat option on routes created by Route Types and Customer Zones

This option allows you to use automatic route data reload without necessarily having to open a new route to start after reloading the one on the terminal: if for the type of route in question it is activates the option "Auto-Repeat (automatic route data reload)", a new route is generated by opening one equal to the one reloaded.

In practice, it is possible to automate the terminal management process completely without having to open rounds for the next day. If the zones are used, as well as activating the Auto-Repeat it is possible to indicate if you want to restart a complete zone lap, based on the ACC or based on the presence of dispensers outside the standard range (in practice the same choices you make they have manually less that in which the date must be indicated).

If there is an already open route that can be used for reloading route data, even if a round is reloaded with the automatic reload option, the already opened round that has priority is used: this allows if you wanted to create specific tours on special occasions.

The route created automatically with auto repetition is automatically created for the next day, unless there is an already open route that can be used for automatic recharging.

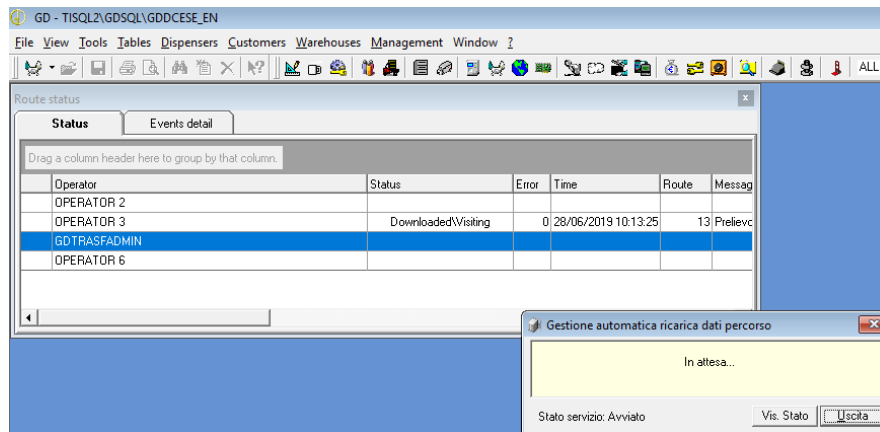
On the Route Type it is possible to enable the "Force Repeat Today" option to force the route to restart on the same date. Zone is not available on the same date and everything works as before.

If the lap has auto-repetition, the presence of a load to be executed (which comes from the standard load or comes from the proposed recharge) determines the printing of the TD . If a standard load is not present and / or the reintegration proposal has not been made, the route is started however with the van stocks.

Improvements to the automatic reloading of route data with GDTrasfServices

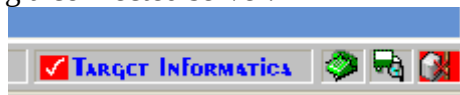
GDTrasfServices fare active, this function is performed in a different way than in the past: an activity log window is displayed and no longer the login window; furthermore, to exit the Automatic Recharge it is no longer necessary to enter a password. The GD session is blocked anyway (menus and icons are inactive) as the program must be ready to handle requests from handhelds from the outside, but it is possible to keep the route status window open at the same time to know the current situation. It should be noted that if GD security is activated and specific operator lists have been configured, the

automatic reloading of route data will manage only the terminals of the operators enabled for that specific user.



Displaying the status of the service and the status of the automatic reloading route data

At the bottom right of the bottom bar of GD, the status of the service is displayed in a special space by means of an icon representing a connected server:



if the GDTs are not activated, not no icon is displayed and the gray background remains;

if the GDTs are active and the service is running an icon of a connected gray server;

if the GDTs are blocked or inoperative an icon of a disconnected server on a red background;

Note that if the "Enable automatic reloading of route data" option is checked in GAdmin / Options B and the GDTrasfServices are active but there is not at least one GD in which the Automatic reload function is running, the icon is displayed. but magenta background, as this is a potential error situation: in this case it is possible to reload and download the routes manually but the automatic reloading of the route data would not work. Finally passing with the mouse pointer over the icon the name of the machine that is performing the GDTs service (Name PC @ System) is displayed. Furthermore, if the option to automatically reload route data and automatic reloading is actually enabled on GAdmin it is actually open on a PC, the name of the PC itself is also displayed (Nomepc @ Windows user who logged in on the Windows session he is running on GD with active automatic route data reloading)

If you activate the GDTrasfServices by double clicking on the icon, the route Status window is displayed.

Enabling and addressing of automatic reload printouts

It is possible to address the reports produced by the Automatic Recharge of the route data on printers other than the default one. As seen in the image, the activation of the various reports was modified using one of the classic GD grids and a column was added, called Destination, where it is possible to specify which printer to use for each activated report. Of course the printers listed are those configured on the specific PC.

☒	Enable Automatic Route Data Reload	Load Password	xxxxxxx
☒	Automatic message confirmation	CAPITAL)	

To print	Document	Destination
☒	(Loading): Print loading bill	\\tifs1\HP4050
☒	(Loading): Print route	\\tifs1\HP4050
☐	(Loading): Print delivery status	Stampante predefinita
☐	(Loading): Print loading bill (complete)	Stampante predefinita
☐	(Loading): Print distinct product fresh	Stampante predefinita
☐	(Loading): Print order summary	Stampante predefinita

Management of the Inventory and its alignment (Automatic Recharge of the routes)

The execution of the inventory of the van from the handheld, when the operator returns, can generate an alarm based on the choice made in route Alarms (in the General Settings / Opt. B of GDAdmin) and exceeding the threshold indicated in the GD Alarm List settings. If the routes are managed manually, the operator decides whether or not to align the load of the van in GD based on the inventory performed by the operator. Previously the automatic reloading of the routes did not allow this operation.

From the ver. 6.1 GD checks for any inventory made by the operator and if an alarm is generated it behaves according to the settings of GDAdmin / opt. B is analogous to what happens if you operate manually, that is:

If route alarms is NOT CHECK, no alarm is generated or inventory is aligned

If route alarms are CHECK AND ALERT (and the difference in stops exceeds the eventual threshold set in the Alarm settings tab), the alarm is generated and when the new routerestarted the **isalignment movements of the van are generated** (as if the user had unlocked the hand alarm)

If route alarms is CHECK AND LOCK IF EXPECTED (and the difference in beats exceeds any threshold set in the Alarm settings tab), the alarm is generated and the automatic reloading of the route is interrupted, requesting manual intervention on the PC to unlock the alarm (possibly aligning the load where necessary)

For clarity also on the side of the field operator, the lock situation on the handheld is displayed in the pe status processing of the GDTrasf with the message "Inventory blocking alarm".

Finally, it should be noted that in the management of the alarm, the failure to execute the inventory is not blocking both in automatic and manual recharging.

Logic of tax regimes (administration or supply of services)

GD allows the use of two different tax regimes (administration or service billing) and therefore different VAT rates associated with supplies to customers (administration VAT and invoicing VAT). For each dispenser it is possible to specify whether the invoice should be issued or not.

This approach, which, in the first place, is linked more to the individual machine than to the customer, makes it possible to manage mixed situations, as in the case in which within the same site there are pod machines where products with emission are paid and paid of invoices and dispensing machines recharged directly by the vending company in the establishments.

In summary, if you set Administration, the program uses the relative VAT rate and does not issue a tax document for the movement of the machine. On the contrary, if you set up Billing Services, the related default rate is used in General Settings and an invoice is issued.

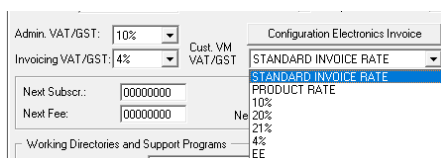
With regard to orders placed in customer requests, they can be set each time both in Administration and in Billing, this allows great versatility in the management of non-standard situations.

Customization of invoicing VAT at the individual dispenser level

This function only concerns the invoicing VAT with regard to the machines set in "Service Billing" mode. The administration and optional issuance of the administration invoices for the dispensers set in Administration mode are not affected by the following.

GD allows you to customize the VAT rate used for the issue of documents directly on the dispenser, allowing you to customize the behavior of the various machines by providing the following possibilities:

- 1) Standard billing rate (which corresponds to standard billing with tax rate specified in VAT Billing as happened previously)
- 2) Rate based on the Products (The VAT rate is taken from the rate specified in the data sheet of each product)
- 3) Specific tax rate (selectable from those present in the VAT Code table) which allows individual V/M to invoice the products delivered at a specific rate. This allows you to manage the exemptions (using a VAT code with a zero rate) and / or special tax regimes



. Note that all billing functions (orders, from the terminal and / or deferred) of products benefit from the new possibility.

In the general options it is possible to set the program according to the desired mode, with a feature that allows those who are not interested in the new billing methods to ignore them completely. In fact, if in GD Admin in the general settings you choose Standard Billing Rate, in addition to using the above for any billing, GD will not show the box where you can set custom management and in this case the program will continue to behave in all and for all as before.

If, on the other hand, one of the other modes is chosen, GD will display the personalization selection box ("VAT Person on V/M") wherever necessary, setting the chosen option automatically. For example if in GD Admin you set the box "Person. VAT on V/M "on" Rate based on products ", in the creation of a new billing V/M, this item will be set automatically.

NB: It should be noted that, if the "Standard billing rate" mode is set in the general settings of GD, any dispensers set in a different mode from this will be (after an affirmative reply to a special confirmation box) automatically reset in this mode: this means that any customizations made on the V/M will be lost permanently.

The possibility to customize the rate used, again according to the methods described, has been extended to the issue of pro-forma invoices as well as to the registration of product order calls (also in these cases the use of the standard invoicing mode hides the possibility of customization).

Corporate price management: Fatt. Company deliveries

Issued by GD / Management / Billing documents / Company deliveries

Sale at reduced price on the machine and invoicing the company of the difference

The management operates in traditional vending mode but with a reduced price, collects and counts the bags for the amount paid by end users. He perceives the other part of the debt by issuing an invoice that is paid by the company.

GD: - It

issues an invoice to the company of the supplies detected at the price indicated in the company column for the individual supplies -

Generate in the customer's account statement a Daamount of the invoice

Pagare theIn the statistics of GDAdmin:

- the theoretical sale: is equal to sum of the value coming from the site payable + the value of the supplies at their selling price.

- The actual collection: is equal to the sum of the value coming from the paid site + the broken one

- The total collected is equal to the value beaten - The

analysis Management / Customer site report as Da Paid / Paid of the routes the invoiced part and the relative payment + the broken-down

- The collection / collection analyzes related to the control of the receipts report only the part of the data relative to the collections from the end users (broken)

This setting, putting **zero in the prices of the supplies** and setting in the local price list the total price of each supply, also allows you to manage the free sale, or machine with zero prices and billing of company payments to the company. *It should be noted that in the basic management mode of the GD price lines this mode cannot be used since the price of the zero supply cannot be used to match the meter automatically, but the advanced price line management based on the number of line.*

Customization of the VAT of administration at the level of the individual client site

It is possible to indicate, selectively for specific customer sites, a rate of administration (which will be used at the time of deliveries and any invoices for administration on dispensers in administration),

different from the standard one specified in the General Settings. This allows you to easily manage the 10% rate and the 4% rate selectively according to the legal requirements.

In the List folder, on the customer site master data sheet, it is possible to indicate the standard administration rate (in this case the system will continue to propose the rate specified in the general settings) or alternatively it is possible to indicate a specific rate, selecting it from those available.

NB In this case the tax rate is at the client site level so if indicated in it it is valid for any dispenser in administration installed on the client site.

Customization of invoicing to net / gross of VAT

GD- dispenser Management is a product designed and built for Vending, trading through vending machines directed at the final consumer and falling this activity mostly in the case of sale for payments, generally the prices of products and supplies VAT is included, assigning the calculation of the tax to subsequent processing of a purely accounting nature, requiring little discounting except during the actual payment by the end customer (rebate).

That said, in order to meet the various commercial needs arising from the evolution of the sector, specifically with regard to the OCS and private markets, the possibility of indicating a discount percentage at the level of a single product line or supply was introduced.

This opportunity has introduced further levels of calculation in the determination of the amounts of economic transactions, a fact that can in some cases lead to small decimal differences of a purely mathematical nature.

Following this, to reduce these inevitable inconveniences to a minimum, the calculations and printouts relating to the issue of the documents were revised and standardized in all the areas of GD - Vending Machine Management, and a double modality was also optionally introduced. invoicing, with the values expressed net or gross of VAT.

This functionality is optional (otherwise GD continues to manage invoices net of VAT as usual) and therefore requires activation from the General Settings of GDAdmin in Options C "Customize invoicing mode".

Once the personalization has been activated, the following possibilities are available on the customer (and possibly on the customer's website regarding the accompanying or immediate billing):

Customer:

Accompanying and immediate

invoices Only invoices net of VAT

Only invoices gross of VAT

By choice of the operator with default net of VAT

At the choice of the operator with default before VAT

TD and Deferred

invoices Only invoices net of VAT

Only invoices before VAT

Customer website:

Immediate accompanying

invoices Only invoices net of VAT

Only invoices gross of VAT.

At the choice of the operator with default net of VAT.

At the choice of the operator with default before VAT.

The possibility of treating the site differently than the reference customer is dictated by the need to manage situations of customers with multiple sites that require different regimes, therefore the site settings prevail over what is set in the customer.

Ultimately, for further clarity: the net VAT method is the same as the method always present in GD; that gross of VAT allows the total amount of the document to be obtained without any differences due to the application of the discounts, break-up of the tax and the related mathematical rounding, thus avoiding any disputes by the final customer, as mentioned, particularly OCS or private.

Management of a special product in invoices produced with a fixed fixed rate

From version 5..4 it is possible to manage a product at a fixed rate regardless of the settings of the vending machine, which can be delivered and used in invoices for products issued by PC or palmtop. This allows you to create an item for the collection costs, which is valued in the customer list and to insert it where necessary in the customer requests or in any case in handheld deliveries and have invoices produced with the fixed rate set in the product card (both issued by the handheld and deferred). The same obviously applies to the delivery / direct sale

Logic of tax documents

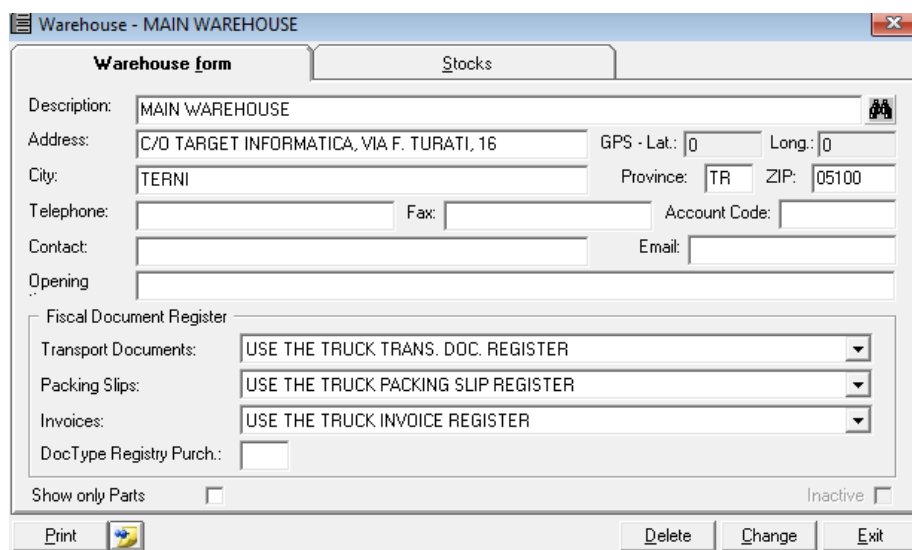
GD is able to issue all the tax documents necessary for the management activity. The documents that can be issued are: TD , invoices relating to deliveries or jokes, invoices relating to company price lists.

GD can manage various TD registers, invoices and accompanying invoices.

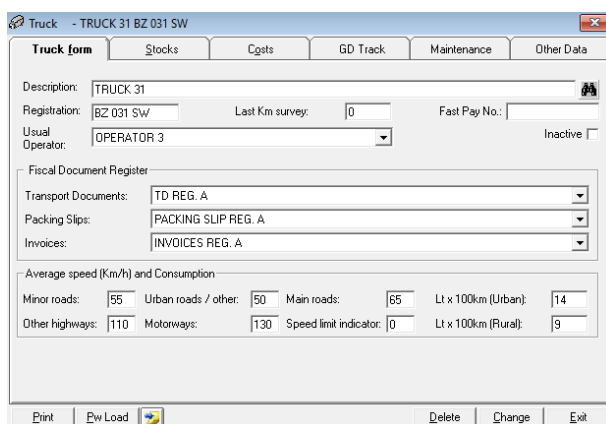
Each register has its own specific numbering, and based on the settings and the operation being performed, the register to be used is chosen.

For example, with regard to the issue of delivery notes, the register of the starting warehouse is used, unless the "Use the van register" is indicated in the warehouse sheet: in this case it will obviously be used to issue the delivery notes on register indicated for TD in the van.

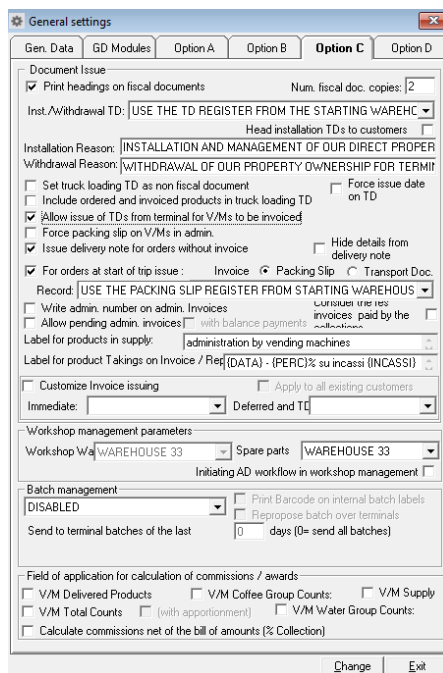
For each warehouse or warehouse managed in GD, the records of the fiscal documents used must be specified, as shown in the sheet below.



Every van must have the fiscal records it uses, the image below gives an example.



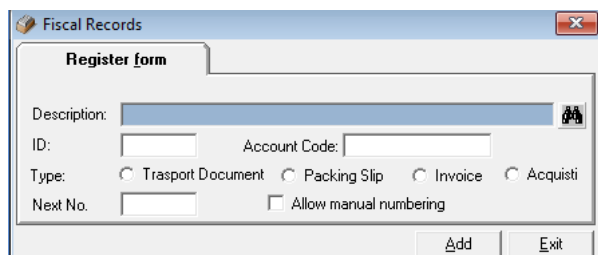
In order to establish the number of copies of the tax documents to be printed and to enable or not other options, there is a "Documents Issue" area in the "Options C of the General Settings" section, accessible from the Tools menu of GD Admin.



The creation and administration of the registers can be carried out by means of the Tax Registers table accessed from GD under the "Tables" menu.

Tax document records

Theb **Tax document records** table, accessible from the Tables menu of GD, allows you to manage the records of tax documents issued by the management. In GD any loading and delivery operation can be accompanied by the issue of a fiscal document which is prepared and numbered directly. This table is intended to allow you to manage the numbers and types of documents.



To *add* a register, fill in the required data and press Add.

To *modify* or *consult* a register, go to the Description field and recall the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

Description: Key field to search document registers. Recall the desired item or a list of registers to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

Typing * FATT gives you all the registers containing the text "FATT" in the description.

Identifier: Letter or number to distinguish a register from the other

Type (Transport document, accompanying Invoice, Invoice): Check the option based on the type of register you want to create

Next number: The number of the automatic counter of the Register

Cod Cont : allows you to enter the accounting code.

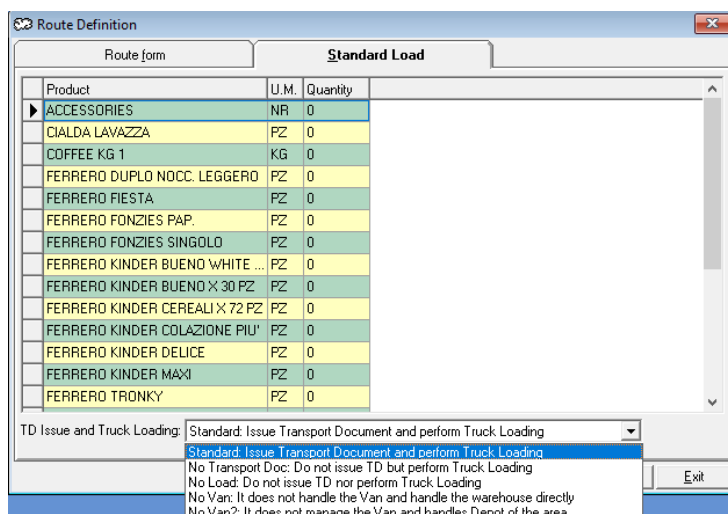
Allow manual numbering: enabling this item activates the possibility of managing the paper input of documents on direct delivery sales, on Synchronized Data Modification and on Data integration from PC (vbpsion). In this case, when the delivery note or the accompanying invoice is issued, by direct delivery sale or by integrating route data, the number that GD will issue and, if necessary, can be modified. Since this is a manual entry, in direct delivery and in Synchronized data modification, GD will block the insertion of a number already used and will warn if the manual number entered determines a jump in the numbering, allowing the operator to choose what to do.

Issuing of transport documents (TD)

The transport documents issued by GD are of the "fiscal" type. However, GD offers the possibility of issuing the same type of document in "non-tax" form if the "Set TD for van loading as a non-tax bill" option is enabled (within the tab accessible from GD Admin / Tools / General Settings / Options C). In both cases, the TD will be issued automatically at the start of the journey.

GD automatically issues transport TD s at the start of the daily route, but it is also possible to issue them from the terminal, provided it is obviously equipped with a printer.

If, in a specific route, you do not want to have a TD automatically issued, you can choose the appropriate option in the "TD Issue and Van Loading" in the Standard Load folder of the Definition of accessible routes from the menu Management / Types of routes / Definition Heading, after recalling the route on which you want to disable the issue of the transport document.



Product	U.M.	Quantity
ACCESSORIES	NR	0
CIALDA LAVAZZA	PZ	0
COFFEE KG 1	KG	0
FERRERO DUPLO NOCC. LEGGERO	PZ	0
FERRERO FIESTA	PZ	0
FERRERO FONZIES PAP.	PZ	0
FERRERO FONZIES SINGOLO	PZ	0
FERRERO KINDER BUENO WHITE ...	PZ	0
FERRERO KINDER BUENO X 30 PZ	PZ	0
FERRERO KINDER CEREALI X 72 PZ	PZ	0
FERRERO KINDER COLAZIONE PIU'	PZ	0
FERRERO KINDER DELICE	PZ	0
FERRERO KINDER MAXI	PZ	0
FERRERO TRONKY	PZ	0

TD Issue and Truck Loading: Standard: Issue Transport Document and perform Truck Loading

Standard: Issue Transport Document and perform Truck Loading

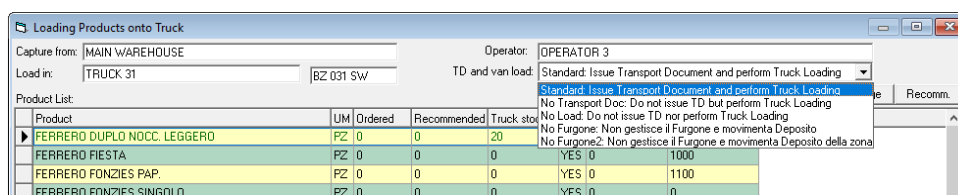
No Transport Doc: Do not issue TD but perform Truck Loading

No Load: Do not issue TD nor perform Truck Loading

No Van: It does not handle the Van and handle the warehouse directly

No Van2: It does not manage the Van and handles Depot of the area

The same document output options are present in the window loading products in the van when the daily route is started.



Capture from: MAIN WAREHOUSE

Load in: TRUCK 31

Operator: OPERATOR 3

TD and van load: Standard: Issue Transport Document and perform Truck Loading

Product List:

Product	UM	Ordered	Recommended	Truck stock	Truck stock	Truck stock
FERRERO DUPLO NOCC. LEGGERO	PZ	0	0	20	YES	0
FERRERO FIESTA	PZ	0	0	0	YES	0
FERRERO FONZIES PAP.	PZ	0	0	0	YES	0
FERRERO FONZIES SINGOLO	PZ	0	0	0	YES	0

Standard: Issue Transport Document and perform Truck Loading

No Transport Doc: Do not issue TD but perform Truck Loading

No Load: Do not issue TD nor perform Truck Loading

No Furgone: Non gestisce il Furgone e movimentazione Deposito

No Furgone2: Non gestisce il Furgone e movimentazione Deposito della zona

Issuing of delivery notes for delivery of goods from PC for orders at the start of the journey

The delivery notes for goods for orders are issued, at the start of the journey, in place of the accompanying invoice, in the case of an order for a dispenser in billing, setting the option TD at the start of the round on the General Settings (option C) of GD Admin. Obviously the transport TD will not contain the products already present in the delivery notes to the customer.

All TD s have the fields Packing, Packages, Weight, Port, Hours, Data Cons that can be filled in manually and / or entered or modified when editing documents from GD Admin.

When the route is reloaded, if the program is set to issue TD s at the start of the tour, if some delivery notes have been issued but delivery has not been made, the delivery note is marked as canceled and in the document notes, if entered by operator, the reason for the refusal is recorded. (If the reason for the refusal is not present or the stage has not been opened, it will generically write VISIT NOT EFFECTED)

The document TD Orders and the invoices accompanying orders is issued at the start of the journey only once per site, therefore, if the site , inserted in a route, has not been visited when it is inserted in a new tour, the Order TD is not reissued.

Attention: the order TD and the order invoice are regenerated and reissued if the route started is canceled, for this purpose, upon cancellation of the started route if there are associated orders with issued documents (invoices, order TD) a message is displayed warning that they exist documents that will not be canceled.

Issue of TD for installation and withdrawal of dispensers from PC.

For the installation and withdrawal documents of dispensers, the same TD register used for transporting the goods can be used, or a special register can be used.

When installing GD, the use of the same TD register is set for both the transport of the goods and the installation and collection TD s; if the vending company wants to use a different one, he will have to create a special one and enable its use. in the "Issuing Documents" area in the "Options C section of the General Settings of GDAdmin.

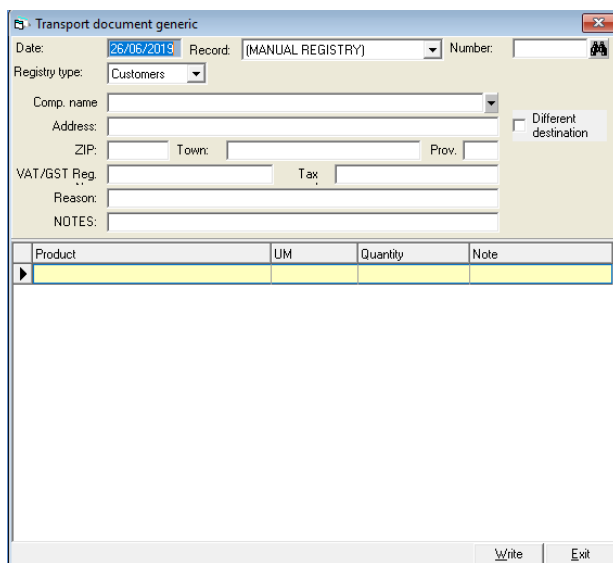
Also in this tab you can enable the option to register the installation TD s to the customer.

In the dispenser's collection documents, in the Destination place field, the address of the warehouse in which the dispenser has been chosen to be collected is reported, not the address of the registered office of the management, so it is necessary to check that he has entered in a way corrected the addresses of the deposits.

GD automatically issues installation and collection TD s at the start of the daily route.

Generic TD output from PC

From the Billing / documents item accessible from the GD Management menu, it is possible to access thefunction **Generic TD Issue**, which allows issuing TD s to customers / suppliers, using or not the product master data, in order to issue some TD that occasionally it is necessary to do using or not using the GD registers.



In the Register entry it is possible to leave the Manual Register item, in this case it will be necessary to set a number manually, or it will be possible to choose from the drop-down menu the register to be used, and in this case GD will issue the generic TD using the progressive numbering of the register chosen.

Under the item "Registry type" it is possible to choose whether to issue the generic delivery note to customers or suppliers.

Once the Customer has been chosen Supplier the program uploads the data of the Customer Supplier, allowing anyway to modify them, furthermore it is possible to visit the item Different destination.

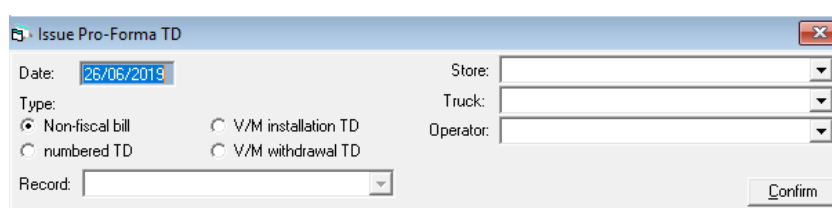
Under the heading Causal it will be necessary to write the reason for issuing the generic TD .

Under Product you will be able to type the name of the product (you can also write a product not coded in GD) or it will be possible to recall it among those already entered by typing send to open the search.

TD pro-forma issue from PC

In the TD Pro-forma Issue tab, which can be accessed from the GD Management menu under Billing Documents, it is possible to issue, regardless of the start of a route (for which disconnected from GD's automatisms), the TD **of transportdelivery** and **notes for installation and collection of V/M**.

To issue the TD pro forma of transport, installation and / or withdrawal, a separate register must be created that is not linked to warehouses, warehouses or vans.



From the TD installation function for pro forma installation it is possible, by positively responding to the specific box when pressing the Confirm button, to also issue the actual installation TD for installations that have not ticked the box checked and that have the emission check enabled and printing of installation TD .

In this case the document is issued as if it were the one generated at the next route start and the installation is checked directly as executed.

For this purpose it is also possible to use the usual installation / collection register, if the register itself is specified as an Installation / collection register in the General Settings (opt. C) and is not used elsewhere.

If the initial confirmation request is answered negatively, the function continues to issue TD of pro-forma installation. In this case:

- when you choose TD installation, all the dispensers that have set the site chosen or the previously chosen deposit as the Site / warehouse (in the relevant item on the dispensers table) will be displayed, displaying first those on the site then those in the deposit, with relative description of the current position of the dispenser;
- when TD withdrawal is chosen all the dispensers that have set the chosen site as Site / warehouse (in the relative item on the dispensers table) or have at least one installation movement in the dispenser history relating to the aforementioned site, grouped and highlighted for current position of the dispenser.

Issuing and printing of TD from a handheld terminal

As just seen, GD automatically issues the transport TD s at the start of the daily route, but it is also possible to issue them from the terminal, provided it is obviously equipped with a printer.

Issue TD for delivery of goods from terminal

GD usually emits a delivery note that can be disabled from the type of route (or zone); this is a transport document that uses as usual the register of the starting warehouse (or that of the specific van).

For invoicing machines only, it is possible to issue, optionally from Terminale, also a delivery TD for the goods, which is regenerated upon recharging as a GD Admin document. This TD, which bears witness to the delivery of the goods, must be followed by a deferred invoice that closes the movement from an accounting point of view. In this case in the movement of GD the number of the TD is stored at the time of delivery (the date is that of the movement) in addition to the invoice number / date that are updated at the time of the deferred invoicing.

The TD must not be confused with the ticket issued by the terminal (not numbered) or with the delivery note.

To be able to manage the issue of these TD s, it is necessary to:

- activate a special check on Options C “Allow TD issue from Psion x V/M to be invoiced” (in the absence of this the fields and options on the terminal are hidden)
- set a TD register differentiated by van for the known reasons of superimposition of the numerators in the case of several operators that issue TD
- for those who use this function it is advisable to give an identifier to all the TD registers not leaving the first blank and the others with identifier

Operation:

On the terminal, in the site summary, if the function is enabled and if there are deliveries to invoicing machines, a menu option is displayed which is issued with delivery TD ; this document is optional, ie they are not obliged to issue it. Obviously in this case it is possible to issue an invoice as before. It is clear that in any case it is not possible to issue both an accompanying invoice and a DTT, as one excludes the other.

At the issuance of deferred invoice (if at the time of delivery was issued a delivery TD) will be given after the date of delivery of goods, even the number of TD which is referred delivery

Customizing Message on prints documents issued by Terminal

On printing the ticket, delivery note or delivery note it is possible to add a user-customizable line, even on several lines that can be separated with /, if on GD Admin - tools - General settings - Options A is complete the Psion Message field.

With this function, it is also possible to view the return situation (today and balance delivery) by adding <RESE> at the end of the message (these are printed only if the dispenser is with delivered products and has associated delivery products such as the return of the bottles of the 'water).

With this function it is also possible to view the maintenance operations carried out by adding <MAN> at the end of the message.

For example, if in the Mess. Box Psion I write

ATTENTION PENALTY BOCCIONE / BOCCIONE NOT RETURNED IS EQUAL TO 6
EURO <RESIS> <MAN>

It means that the message will be printed on two lines and both maintenance and returns will be included (obviously the codes between <> are not printed but must be strictly at the end of the message itself)

TD Issue of installation and withdrawal from terminal

By enabling the appropriate "Enable installations / withdrawals" option on the Advanced Options folder of the operator database, GD allows issuing the Installation / Collection TD s of the terminal dispensers and generation of installation / withdrawal handling.

In order to use this function it is necessary that the van has combined a specific TD register and that this register is not used in another van or depot.

On the terminal, once you have chosen the site, you enter the site detail and from the menu choose the item Installation / Withdrawal: the mask provides the possibility of withdrawing one of the installed V/M (by visiting the V/M that you want to withdraw in the Withdrawal section).) and / or to install a V/M any of those present in the warehouse at the time the route was started (by entering the identifier or serial number of the manufacturer of the V/M to be installed and clicking on the search in order to verify its existence and open the form on which you will need to set the dispenser's work mode).

From the Print menu it is possible to issue the Installation / Withdrawal document, whose printing will make the movement effective (it will be possible to deliver the goods to the newly installed dispenser).

When reloading the route, the installation / collection of the selected dispensers will also be performed on GD.

The repository from which the list of dispensers that can be installed can be set can be set on option A of the General Settings of GDAdmin. It is possible to set:

- 1) The main deposit
- 2) The start deposit of the route
- 3) A specific deposit or special warehouse.

Invoicing issue logic

In GD it is possible to have three distinct billing moments: Invoices for Orders (from PC), Invoices issued with the terminal, deferred invoices (from PC).

Billing of orders at the start of the route (from PC)

In this case we can choose to:

- 1) Do not issue an invoice. (If the option "For orders when starting the tour is emitted," issue in GD Admin Tools General settings Options C).
- 2) Issue an invoice accompanying products, which is issued based on the order entered on the customer request and contains the details of the items and the quantity ordered.
- 3) Issue an Immediate Administration Invoice which is issued based on the order entered on the customer request and does not contain the item details but the wording Beverage Administration and the quantities indicated based on the theoretical beats ordered with a price per beat.

Whether to issue an invoice and which type of invoice to issue depends on what was chosen in Options C of the general settings of GD Admin. Here it is also possible to choose whether to use the logbook of the starting Warehouse, or to specify the use of a special register.

Customizing document issuance for orders at the start of the round

On GD it is also possible to set in the specific customer order the type of document to be issued, with the same options present in the Settings of GD Admin.

The setting can be made on the Contract Data folder of the customer database and is thus proposed when a new order is entered. However, what commands the issuance or exclusion of a document depends on the choice made on the individual customer request. This allows you to globally exclude a customer from invoicing at the start of the route, but also to exclude a specific order, while keeping all other customer orders billed.

By default, all customers are set with "USE GENERAL SETTINGS", ie they continue to use the settings set in GD Admin. The other available options are: INVOICE INVOICE, INVOICE and TD ; moreover it is possible to exclude the specific order from the issue of the documents choosing "NO DOCUMENT"

Billing carried out by the terminal

With the terminal, equipped with printer, it is possible to choose:

1) Issue an invoice accompanying products; this is issued based on the delivery recorded on the terminal and contains the details of the items and the quantity delivered.

For each operator it is necessary to create an accompanying invoice register, which will be combined with the van used by the operator, to avoid overlaps between the numbers of documents issued by different operators.

2) Issue an Administration Invoice which contains a generic Administration wording and as an amount the one indicated in the "Paid" of the site summary.

For each operator it is necessary to create an Invoices register, which will be combined with the Van used by the operator, to avoid overlaps between the numbers of documents issued by different operators.

In administration invoices made by the terminal, it is possible to optionally print the number of invoiced administrations if you enable, in Options C of the General Settings of GD Admin, the appropriate option **Write number of administrations in invoices per administration**.

If this option is not enabled, the invoice reports 1 administration at the total price, in case the option is enabled the value of the measures is taken by adding the theoretical beats generated by the products or, only in the case of beats relating to beat machines total, the latter are used.

Invoices per administration can only be issued if the amount to be paid is fully paid.

However, it is possible to issue an invoice for delivery based on the delivery (and not on the basis of the amount paid). If you enable the option in the options C of the General settings of GD Admin **Allow invoice sumsuspended**.

The invoice for administration based on the last delivery can be issued only in the case of an amount paid equal to 0. In this case the amount is equal to the "To be paid" of today's stage (the previous balance is obviously excluded). If a paid amount has been entered, the administration bill is issued based on the amount paid.

When you enable the Allow invoice delivery suspended option, you can also enable the option **With payments to balance**; enabling this option the invoice for suspended supply will always be issued only for the amount of the delivered goods, even if the amount paid is different from 0.

Deferred invoicing (from PC)

To issue the deferred invoices you must create and use a special register; the registers used in warehouses and vans cannot be used, to avoid problems of overlapping numbers with open turns. Therefore it will be necessary to have at least one invoice register to be used for issuing deferred invoices.

Deferred invoices are issued by the Billing / documents function accessible from the GD Management menu. At the opening of the form it is possible to set the date in order to select all the warehouse movements (taken from revision movements) which are “From Billing” and the beats detection movements (taken from revision beating / takings) which are “From Billing” to on the set date; you can also choose to view all movements or only those that are completely welded;



Insert invoice date

Date: 26/06/2019 Movements from: 01/06/2019

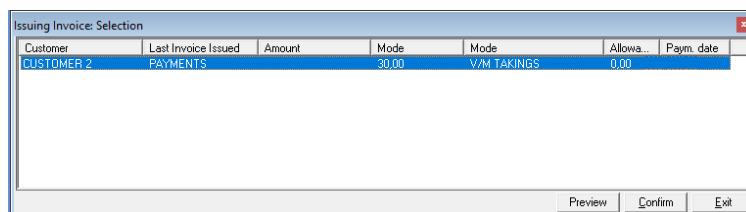
Sale type: CORRISPETTIVI

Invoice Record: REG INVOICE

☐ Invoice only paid operations

Confirm Cancel

Confirming the selection, the list of customers to be billed will be displayed.



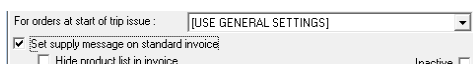
Customer	Last Invoice Issued	Amount	Mode	Mode	Allowa...	Paym. date
CUSTOMER 2	PAYMENTS	30.00	V/M TAKINGS		0.00	

Preview Confirm Exit

It is possible to print one invoice at a time, or several invoices at the same time if several customers are selected (to select multiple customers, use the CTRL key or the Shift key). By confirming the deferred invoice will be issued and will contain the details of the items and the quantities delivered.

Option to set administration wording in deferred standard invoicing

In the Contract Data tab of the customer master file there is the option Set administration wording in standard invoicing, this allows you to add a fixed wording before the product list and / or to completely replace the list of products with the same generic wording of administration, also enabling the option Do not display the list of products in invoices (in practice for customers who have activated this check the invoice for products will be completely similar to that of administration) .



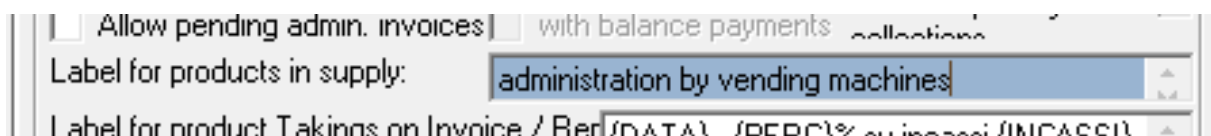
For orders at start of trip issue: [USE GENERAL SETTINGS]

☒ Set supply message on standard invoice

☐ Hide product list in invoice

Inactive ☐

The text of the wording products in administration can be customized by setting it in GDAdmin / General settings / Options C and in case of elimination of the product list it is possible to insert in the description the number of measures given through the option Write number of supplies in the invoices for sum.



☐ Allow pending admin. invoices with balance payments collection

Label for products in supply: administration by vending machines

Label for product Takings on Invoice / Red (NATA) . (PERC) % su incassi (IMPASSI)

Optional management of invoice issuance for merchandise detail

To meet the needs of some particular types of management, which apply to the customer the list price of the administration in case he does not want the invoice and the billing price, if he decides on the spot to have the invoice it is possible, optionally and only from the terminal, to issue invoices with merchandise details even for the dispensers in administration.

If you decide to use this function, you will need to:

- enable, on Options C of the General Settings of GD Admin, the option **Force invoice on V/M in administration**

- put all the machines you are interested in doing this administration in administration

- c) in the price lists, enter in the administration columns the price including the VAT of the administration and in the invoicing ones the price of the administration inclusive of the invoicing VAT.

At the time of delivery of the goods the price used, and displayed in the accounting summary on the terminal, is that of administration. If no invoice is issued it is possible to print the delivery ticket that shows the products delivered with the price of administration, if instead, the operator decides on the spot to issue an immediate invoice it is sufficient that you select Issue invoice; this determines: the updating of the prices and the invoicing methods, transforming the present delivery into an accompanying invoicing from the terminal to the price entered in the price list on the invoicing column.

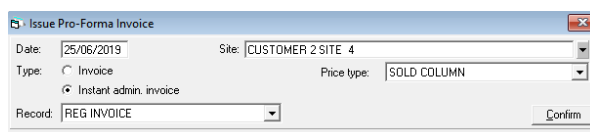
NB With this function the products will all be invoiced according to the standard rate indicated in the General Settings.

Pro-Forma invoices (from PC)

The invoices, of which we have said above, issued as accompanying / immediate, from the terminal or in a deferred manner are directly connected to the warehouse movements.

In some situations, however, it may be necessary to issue documents disconnected from the movements (in GD called pro-forma). To this end, GD, without starting a route, allows you to issue **pro-forma invoices** which do not generate any warehouse movement and remain disconnected from any movements; if necessary, the invoice number thus generated can be entered in the movements acquired by the terminal, so that it will then be reported in the related accounting card of the client site. The imputation of the pro-forma invoice to the various movements can be done by revising the movements, for the DAs that calculate the payments based on the products delivered, and in revised bars and receipts, for the DAs that calculate the payments based on the total bars

The pro-forma invoices are normal invoices that are issued without the need to travel and therefore without moving goods. For their issuance, Accompanying Invoices (and invoices are issued with product details) or Invoices may be used (in this case an invoice is issued with the wording Beverage administration in a similar way to those issued from orders. In order to be used in this function the registers must not be used elsewhere, so it will be necessary to create special registers to be used for issuing the pro forma



invoices. Invoicing Pro-Forma invoices or immediate invoicing can be issued only for DA which result in Invoicing, to issue them the VAT rate of Invoicing is taken.

GD, however, allows the issuing of Pro-forma invoices of the immediate administration type, even for DA, which result in Administration in the following way: after having selected the client site and having ticked the immediate administration invoice, give Confirm to view the gray with the list of products, without entering any product, press Register, at this point a box appears asking for the number of administrations and the total amount paid.

The invoice pay function

This function, accessible via the Invoicing item in the Management menu of GD, allows you to settle the invoices by directly allocating the relative amounts to the sites of competence.

Before executing the function for the first time, it is necessary to perform a Recalculation of stocks (which also recalculates the customer balances) and verify that the customer's accounting sheets do not contain misalignments (the latter are reported when opening the site database or can be highlighted by means of the special balance check print by stage accessible by GD Admin).

This function displays a list with a line for each invoice issued and not paid and the reference site (the first in case of multiple sites associated with the invoice, if there are more sites they will be displayed in the drop-down menu). Making a single click on the site cell, the amount related to the site itself is also displayed; then double-clicking on the site of interest in this condition accesses the account card of the site itself for any checks.

To determine whether an invoice is paid or not, it is possible to check the payment date in the customer / accounting site master data.

Incidentally, the payment date is calculated as follows: GD for each collection declares all the invoices paid, the amounts of which at the time of collection itself, do not exceed the accumulation of collections at that date, assigning the collection date as payment date. This is obtained through the accumulation of the amounts paid compared with the accumulation of the amounts to be paid for each individual date.

For a correct functioning of this automatism, it is necessary that any manual variation to the entries present in the stage of the route accessible from the site accounting sheet, is carried out in accordance with the detail of the individual movements that compose it and vice versa.

In the absence of this condition, the function invoices invoices may include lines relating to non-payable invoices (they are crossed out) highlighting a possible reason in the "Reason" column.

In the absence of signals, it is possible to select the lines of interest and, by means of the Confirm button, weld them at once (the total paid is shown at the bottom). Otherwise the following conditions may occur:

- a) Previous stage not welded: this means that the invoice in question cannot be paid until the previous one has been paid;
- b) Open daily route: means that the invoice in question cannot be paid until the open route that involves the site involved is closed.
- c) Negative balance on the site: The payment of the invoice would cause a negative balance on the site, it is more precisely an index of a discrepancy between the sum of the total paid, in relation to the totals to be paid, which must coincide with the sum of the movements from which the invoice was originally issued.

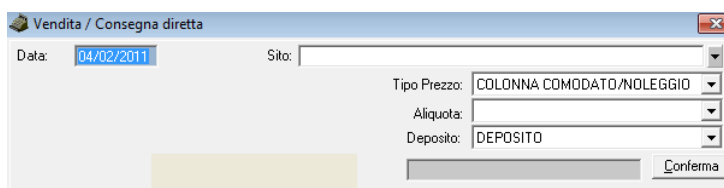
In this condition, in order to carry out the balancing operation and determine and correct the problem, it is necessary to analyze in detail the document issued at the time of delivery by means of the "Documents issued" document of GD Admin, and compare it with the stage present on the site and with the detailed information in Revision movements and Revision of receipts (which are precisely those, based on the types of machines from which the invoice was issued at the time). A typical case of the aforementioned is a manual variation of the amount to be paid in the stage from the site's accounting sheet, in the absence of a corresponding correction of the movements that composed it.

Direct sale / delivery

Direct sale / delivery function Thefunction is accessible from the entry Move entries in the Management menu, or from the appropriate icon on the GD element bar (Access to the Direct sale / delivery function is accessed if NO is answered to the question that GD displays when you call this function, because answering YES the program accesses the function generic sale.

the **sale / direct delivery** allows you to make a delivery to a site directly from GD without performing a route (that automatically manages the creation of the site, the stage in accounting, of the movements, which are set from the main warehouse to the dispenser in question) and outputting the document (Bill / TD / Invoice) according to the settings of the dispenser and the user's choice.

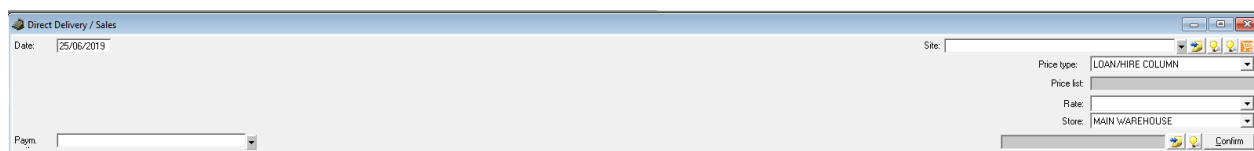
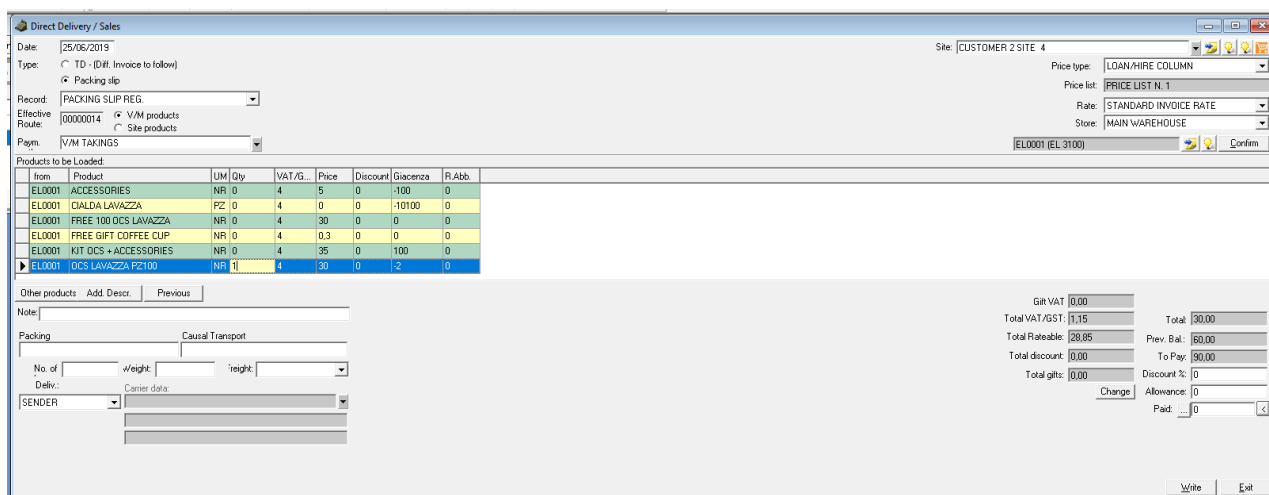
Answering No will be shown the mask Direct Sales / Delivery:



based on the dispenser settings it is possible to choose the document to be issued in conc omitanza with the delivery, which is automatically recorded in the movements as if the delivery were made on a route:

- if the dispenser is in administration it is possible to issue an un-numbered bill (similar to the one issued by the orders at the start of the tour) or an invoice for administration;
- if the dispenser is in invoicing it is possible to issue a bill that can be invoiced later by issuing deferred invoices or alternatively you can make an invoice directly.

It will be possible to choose whether to deliver the products of the selected dispenser or all the products of the site.

Item	Product	UM	Qty	VAT/G.	Price	Discount	Giacenza	R.Abb.
EL0001	ACCESSORIES	NR	0	4	5	0	-100	0
EL0001	DIALDA LAVAZZA	PZ	0	4	0	0	-10100	0
EL0001	FREE 100 DCS LAVAZZA	NR	0	4	30	0	0	0
EL0001	FREE GIFT COFFEE CUP	NR	0	4	0.3	0	0	0
EL0001	KIT DCS + ACCESSORIES	NR	0	4	35	0	100	0
EL0001	DCS LAVAZZA PZ100	NR	1	4	30	0	-2	0

GIR-VAT		Total
Total VAT/GST:	1.15	30.00
Total Rateable	28.85	Prev. Bal: 50.00
Total discount	0.00	To Pay: 80.00
Total gifts	0.00	Discount %: 0
Change	Allowance:	0
Paid		0

This function was essentially designed for those who occasionally sell coffee kits to customers who come to collect the goods themselves.

The daily route is created by GD (at most one for each day) and is automatically closed at the time of the first direct sale: each direct sale / delivery is recorded as a further stage in the route called "Direct Sale / Delivery".

GD autonomously creates a type of route, an operator and a van called "Sales / Direct Delivery" and stores them in the general settings of GD Admin (which can be viewed but cannot be modified by the user).

The Direct Sales / Delivery van at the time of creation does not contain TD / Invoice records as depending on the type of use, the user will choose them. Clearly the registers used must not be associated with any other warehouse / van. If the user does not set any register, when he opens the direct sale / delivery screen the program displays an alarm box, and in this case it is only possible to issue bills. Regardless of the associated register, however, if there are other registers not associated with any warehouse / van, GD allows them to be used in this function for particular purposes, choosing them from time to time on the screen for entering the direct sale.

Neither the route type, nor the aforementioned operator or van can be used for normal routes and are not displayed when the laps are created. The type of route card is not viewable, that of the operator can only be viewed while that of the van is viewable and editable to allow entry of the tax registers dedicated to this function.

In the Daily Routes in Management, the item Sale / Direct Delivery is displayed only if the route exists on the date (ie if at least one sale / delivery was made on that day).

Management of transport mode

Notwithstanding that for the type of activity, in vending the transport is generally charged to the sender, from version 5.1 it is possible to indicate in the creation of daily routes (created by the types of routes or by customer areas) and in the sale direct delivery who carries out the transport. The possibilities of choice are between the sender (everything remains as until today), the recipient (unlikely in the case of vending if not for the sale, direct delivery when the customer comes to collect the products) and carrier. In this last case, also to facilitate the compilation of the documents in the direct delivery sale, the Carrier table has been added which allows the compilation of the relative personal data only once.

As for the operator and the van, the usual mode of the route is defined in the type of routes (Definition of headings) and in the Customer Zones (if they are used to create daily routes), while at the time the route is created confirmation of the route is requested. mode and it is possible to change it. This new function allows you to manage some relatively new situations in vending, linked to the fact that to carry out the deliveries / withdrawals of the dispensers is actually a courier or the retailer himself, or that, in the case of direct sales, both the customer to come and collect the products or alternatively that they are sent by express courier.

While for standard reports the transport information will be available at the same time as the update, obviously to have the correct information relating to the transport in the customized reports reported, it will be necessary to make a specific request as in the past.

NB: if you do not intend to use the Recipient and Carrier transport modes, the customized reports do not require modifications.

Previous Button

A function at a new sale is now also available in Direct Selling / Delivery, re-proposes the products and quantities of the last purchase made by the customer himself.

As always happens in orders within the Customer Requests management, pressing the "Previous" button brings up the previous delivery as the basis for the current sale, allowing however the modification and / or integration of quantities and prices.

Promotions Button

Allows you to view the promotion situation and its score for a specific customer. For details see the specific paragraph of the bulletin

Sale on the counter with a rate based on the products

From this versione - it is possible to choose whether or not to issue the transport document / invoice when selling pods and a receipt is issued for goods delivered to a dispenser to products delivered in billing. This was necessary because in this case since it is not a supply, not from version 6.0 it is possible to use the single rate and the receipt must show the correct VAT for each product sold.

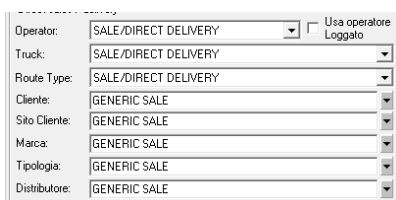
Calculation of the rest

To facilitate and speed up the sale at the counter both in GDShop and in GD Direct V / C the possibility of inserting the amount in cash delivered by the customer has been added and based on the field paid have the amount of the rest

Possibility to enable the use of the current operator on Direct sale /Delivery and generic sales

From version 6.6 it is possible to use the operator currently logged in V / CD and generic sales in both GD and GDShop FrontOffice, to manage all the situations in which there are more stores managed with GD / GD Shop or more operators operating on the same store.

The option "Use Logged operator" must be activated in GDAdmin / General Settings / Automation



In this mode the movements of V / Direct Delivery and V / Generic are baptized with the current operator instead of with the specific DIRECT SALE / DELIVERY

Obviously to be able to use this function must be active GD Security in General and therefore there must be active login and operators must be baptized and identified.

When this option is activated in GDShopFO the usual Login screen has been added, and both in GDShopFo and in GD / GDShop the direct delivery / general sale sale will have routes created with the logged in operator.

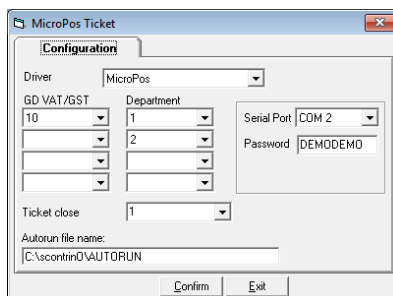
From the point of view of the routes V / CD generates a new route for each operator who makes a V / CD and not only when there are more sales on the same site the same day.

To make sure that all settings are in place, the operator who logs the store in, it is preferable that it is used to make routes with the terminals (at the moment there is no specific control)

The Generic Sale function

The **Generic Sale** (or a sale without specifying a specific customer / site / dispenser) with the possible issue of a receipt or a fiscal receipt through the **fiscal printer Ditron ZIP**. This allows the easier use of GD even within a traditional point of sale.

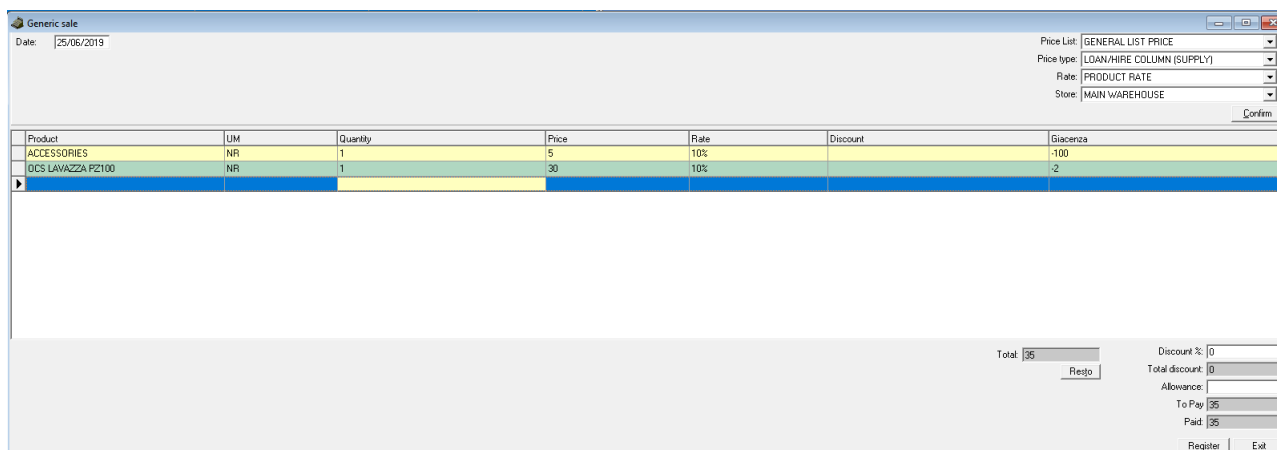
The activation of printing, at the level of each PC, is done on GDAdmin / Options D / Other peripherals and is based on the MicroPos connection software supplied with the printer itself. The configuration of GD is extremely easy as it is only necessary to associate the VAT rates used in GD with the "Departments" available on the printer, and indicate in which folder the autorun.txt file is located, which is intercepted and converted into a fiscal receipt and printed by the MicroPos software. It can be done by pressing the Configuration button or alternatively when issuing the first receipt: for this purpose a configuration screen is shown as shown below.



When choosing the Direct Sale / Delivery, you are asked if you want to make a generic Sale, by answering YES it is displayed but the generic Sale form.



Generic Sale allows you to sell products by freely choosing the price list and the relative price column to be used, the rate and the deposit from which to take the goods. Clearly since the customer is not specified, each sale is still assigned to the same customer / site / generic dispenser and is associated with a fictitious route number, as is the case for the direct delivery sale. The only difference is that in this case each sale is associated with a single route (because the customer / site / dispenser is always the same)



Product	UM	Quantity	Price	Rate	Discount	Giacenza
ACCESSORIES	NR	1	5	10%		100
DCS LAVAZZA FZ100	NR	1	30	10%		2

Total: 35 Discount %: 0 Total discount: 0 Allowance: To Pay: 35 Paid: 35

Both in the **Direct Sale / Delivery** and in the **Generic Sale**, as long as the fiscal printer is available, it is possible issue or not the receipt in parallel or not to what has already been printed by GD. This allows the widest freedom of maneuver to meet the different needs of users.

The Synchronized Data Modification

The function, accessible from the GD Management menu, allows you to change the data relating to the step accounting, delivery movements and bills and related documents automatically and with a single intervention.

Use the synchronized data editing function with due caution. For this function, in consideration of the fact that it allows with a single operation to change both the document issued and all the data related to it, it is possible to set an Access Password (from the general settings of GD Admin).

In the Synchronized Data Edit form there are advanced search functions operating on multiple search fields to allow a quick identification of what you want to change, and in particular you can search either by document number or by customer site / route.

Based on the Document Number / Type:

- 1) Document Type: allows you to select the list of document types and then search for the document number
- 2) Document number: provides the list of all documents in date order (descending) . The selection is made based on the Type entered and starting from the "Document Date" in descending order.

Based on the Customer Site / route:

- 3) the partial or total name of the client site: it is possible to type the description of the site, but if the route field has already been entered, the search (and therefore the possible list) is limited to customer sites belonging to the selected route
- 4) the number of the route: it is possible to have the list of routes relative to the customer site entered in the relative field.

All searches use the year of the "date" field, which is the date of the movement, as a reference. If the document is made up of multiple routes, the "data" field will be filled with the date of the first route.

The Synchronized Data Edit form consists of two separate grids to modify the products and measures. At the time of registration, any changes made will be reviewed and / or re-checked, and in the case of deliveries, it will be possible to immediately see the impact of the changes in the site's accounts and therefore in any associated document and possibly change the amount paid, with the automatic connection of the balances.

It should be noted that:

- It is possible to recall only one Site at a time
- The search for products relates only to the products enabled in the dispenser
- When changing a value such as quantity or others, always confirm the recalculation with the Enter key

NB this function is was designed to automate the procedures for correcting any errors made at the time of data registration, however all the functions for the separate modification of sites, movements and documents remain available and can be used as separately, also because for example it is not possible to modify with this function invoices that refer to multiple sites, or company invoices or delivery notes to the customer.

Furthermore, when the program finds a document that belongs to several routes, it signals it in the "path" field, separating them with a comma and the relative movements are displayed, but cannot be modified with this function.

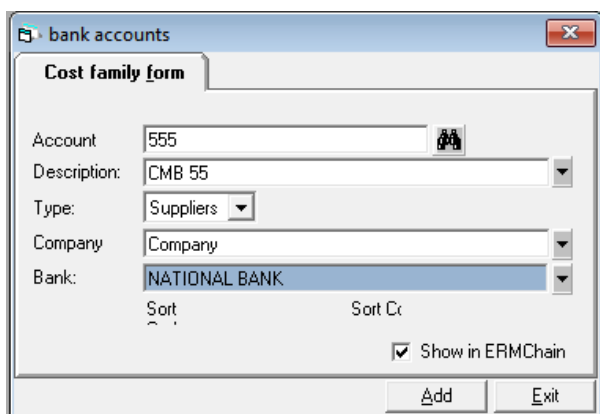
Issue of the RIBA (GDermChain)

It is available for all GD users - dispenser Management (even those that do not have GD ErmChain) the function for creating bank receipt files in CBI format. It is sufficient to enter the data of the supporting bank in the customers, the code of the sender of the Riba in the registry of the company's current accounts and obviously the payment methods.

For users who do not have GDermChain, riba issuance is still possible through GDermChain in a limited version: in the absence of the appropriate license, in fact it can be started anyway having only the Riba management and the tables necessary for it enabled.

In this mode all the functions of GDermChain (including financial management) minus the Riba issue are blocked, different payments are not managed and GD remains with its basic functionalities, ie the payment method is written on the invoice and the amount payable by handheld or other as in standard GD.

On the company current account table used, the Sender Code (riba) must be entered, and the account number, in the account field must be numeric only



. sender (riba) is the code assigned by the Sender to the Company; must be registered in association with the Proposing Bank at the sending Application Center.

Management of credit notes

It is possible to issue credit notes referring to product returns made or by creating returns movements directly when the document is issued. After selecting the reference customer, it is possible in the detail of the credit note, to select the invoice to which each line of the credit note refers and therefore, if already present, the return movement made through the handheld (if present). Then the product must be chosen and the quantity and price entered in the invoice (both can be changed) is proposed. If the amount is paid to the customer at the time the Credit Note is issued, simply tick the "Paid" box, otherwise it is necessary to go to the site's accounts and set the amount in the "Paid" box. The Credit Note is displayed and can be changed in the accounting of the client site.

The accounting of the site is in red and with the word NC before the document number.

NB If you want to "compensate" with the deliveries the total of the credit note should not be ticked the paid, should be ticked when the customer is actually made the money he has already paid.

Credit notes can also be entered not only for entire invoiced delivery lines and not for other products. In placing, however, it is necessary to indicate site and dispenser in order to generate the movement, while starting from a delivery movement it was not.

Logic for loading GD products in Warehouse

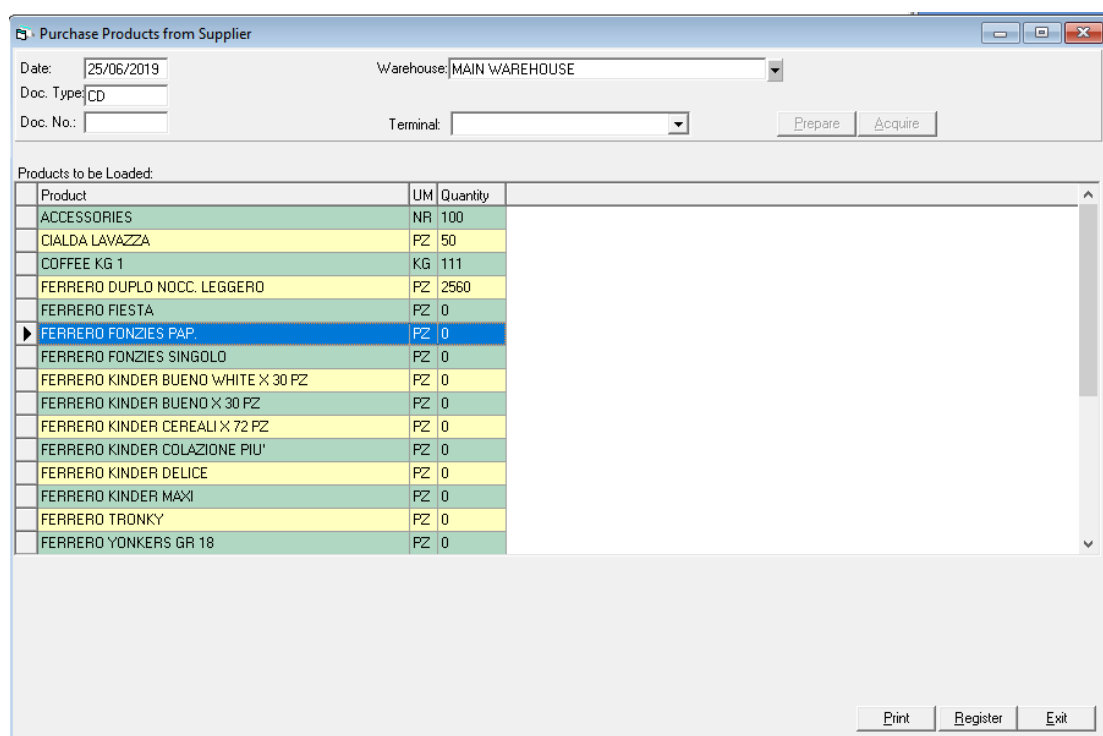
Loading deposit

This function, accessible from the Management menu of GD under the entry Entry movements, allows you to load the products in the warehouses by increasing the quantities already in storage.

The window is divided into two areas, the upper one allows you to set the date, the document type that will be reported in the warehouse movement, the document number, and the deposit, which can be selected by pressing ENTER on the relevant field (or by typing the first letters of the description + ENTER).

Pressing Confirm will display the list of products. loadable in the deposit.

Enter the quantities to be loaded and give Register to generate stock movements and automatically update the quantities in storage.



Product	UM	Quantity
ACCESSORIES	NR	100
CIALDA LAVAZZA	PZ	50
COFFEE KG 1	KG	111
FERRERO DUPLO NOCC. LEGGERO	PZ	2560
FERRERO FIESTA	PZ	0
FERRERO FONZIES PAP	PZ	0
FERRERO FONZIES SINGOLO	PZ	0
FERRERO KINDER BUENO WHITE X 30 PZ	PZ	0
FERRERO KINDER BUENO X 30 PZ	PZ	0
FERRERO KINDER CEREALI X 72 PZ	PZ	0
FERRERO KINDER COLAZIONE PIU'	PZ	0
FERRERO KINDER DELICE	PZ	0
FERRERO KINDER MAXI	PZ	0
FERRERO TRONKY	PZ	0
FERRERO YONKERS GR 18	PZ	0

Inventory adjustment

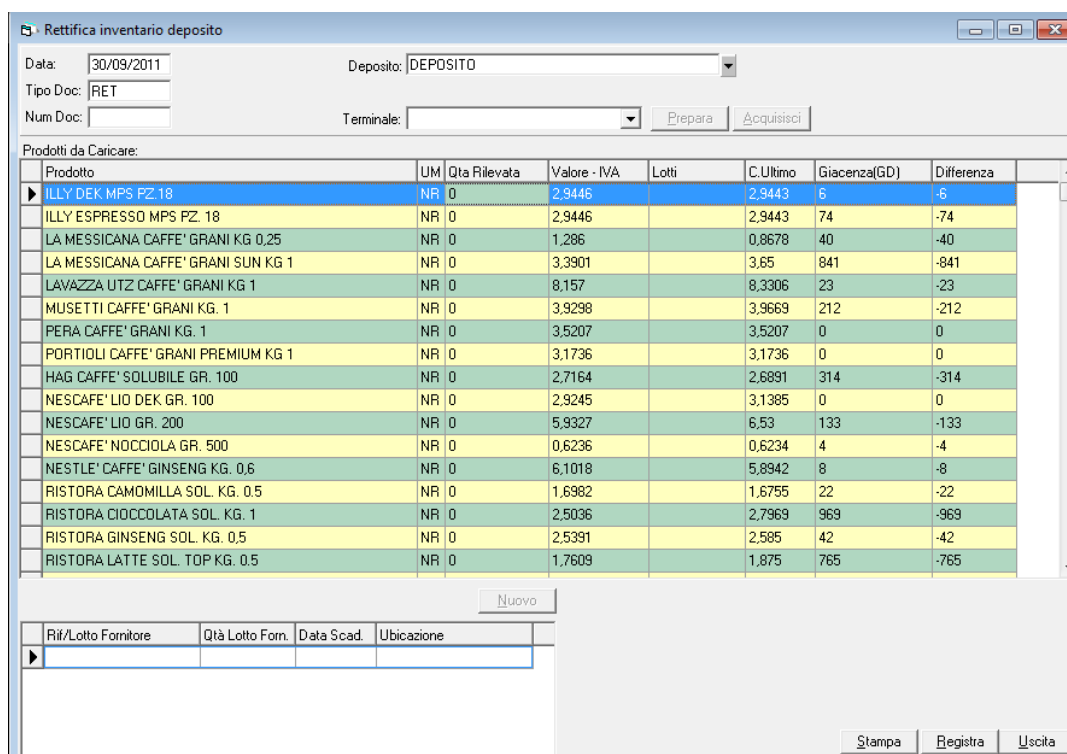
This function, accessible from the GD management menu under the entry Entry, allows you to enter the actual stock of products present in the selected warehouse and press Register to update the value of the deposit, creating the relative movement with reason Increase / decrease in quantity in stock. In practice it is the same as going to the deposit card and changing product stocks line by line.

At the time of registration an application must be answered which must be answered very carefully: in practice, if the inventory has been taken for all the products and there are quantities detected at zero, it means that there are no more products in the warehouse and therefore if quantities are registered in GD the stock must be brought to zero. However, if the survey was partial (for example

I want to verify the situation but only the Kit), zero does not mean that I no longer have snacks but simply that I have not detected the snacks themselves. In this case I will have to answer the question No, which means in practice ignoring products that have a quantity of 0 (It does not mean that I no longer have them in stock but I have not detected them).

It should be noted that the inventory can be evaluated (it is possible to type the unit value of the goods entered as in the case of purchase from a supplier, by entering the net value in the Value-VAT column) and this GD takes into account in the calculation of the Cost average in the product sheet (obviously not in the supplier list). The last cost of the item is not updated by the inventory adjustment (only the average one is updated).

Enter the quantity of the goods in the Qty detected column. The Value column is overridden with the average cost (after having separated the VAT); in addition, the column containing the final separated cost of VAT is displayed (which serves as a reference for the user to re-check the cost in case of previous input errors). The Stock column (GD) is also displayed, which shows the current quantities present in the deposit and which will be adjusted once the data has been registered.



Purchase from supplier

This function, accessible from the Management menu of GD under the entry Entry movements, Supplier Management, allows you to load deposits by entering product purchase invoices. The window is divided into two areas, the upper one allows you to set the date, the document type that will be reported in the warehouse movement, the document number, the supplier and the deposit, which can be selected by pressing ENTER on the relevant field (or by typing the first letters of the description + ENTER).

Pressing Confirm will display the list of products associated with the indicated supplier.

You must enter the quantity purchased and the relative cost for each product and then press Register. Inventory movements are generated and quantities are updated automatically.

Purchase Products from Supplier

Date: 25/06/2019 Warehouse: MAIN WAREHOUSE
 Doc. Type: RET
 Doc. No.: Terminal: Prepare Acquire

Products to be Loaded:

Product	UM	Qty Surveyed	Price - VAT/GST	Latest cost	Stock(DM)	Difference
ACCESSORIES	NR	100	0	0	-100	200
CIALDA LAVAZZA	PZ	1500	0	0	-10100	11600
COFFEE KG 1	KG	25555	0	0	20	25535
FERRERO DUPLO NOCC. LEGGERO	PZ	3200	0	0	0	3200
FERRERO FIESTA	PZ	25777	0	0	0	25777
FERRERO FONZIES PAP.	PZ	0	0	0	0	0
FERRERO FONZIES SINGOLO	PZ	0	0	0	0	0
FERRERO KINDER BUENO WHITE X 30 PZ	PZ	0	0	0	0	0
FERRERO KINDER BUENO X 30 PZ	PZ	0	0	0	0	0
FERRERO KINDER CEREALI X 72 PZ	PZ	0	0	0	0	0
FERRERO KINDER COLAZIONE PIU'	PZ	0	0	0	0	0
FERRERO KINDER DELICE	PZ	0	0	0	0	0
FERRERO KINDER MAXI	PZ	0	0	0	0	0
FERRERO TRONKY	PZ	0	0	0	0	0
FERRERO YONKERS GR 18	PZ	0	0	0	0	0
FREE GIFT COFFEE CUP	NR	0	0	0	0	0
KEY ECS FULL	N.	0	0	0	-1	1
KIT OCS + ACCESSORIES	NR	0	0	0	100	-100
NESTLE' CROISS. MOTTA ALBICOCCA X 20	PZ	0	0	0	0	0
NESTLE' CROISS. MOTTA CACAO X 20	PZ	0	0	0	0	0
NESTLE' CROISS. MOTTA CILIEGIA X 20	PZ	0	0	0	0	0
NESTLE' CROISS. MOTTA CLASSIC X 20	PZ	0	0	0	0	0

Print Register Exit

Given that, generally, the sales note arrives, which serves to load the warehouse, and then the invoice, which serves to value the goods, in purchase from supplier it is possible to first register the load and then it is possible to recall a registration already inserted to complete the cost data, in order to be able to enter the load when the bill arrives and to record the prices at the time the invoice arrives. The last cost of the product relative to the supplier in question is also present (it corresponds to the data present in the Products tab in the Suppliers Beat folder separated by VAT).

From the v. 5.8 the management of references to supplier loading documents has been improved: previously the reference was often inserted in the space relative to the internal numbering of the document to allow its availability and consequently the internal numbering was no longer available. From now on, it being understood that it is possible to continue with the previous procedures, if desired you can indicate in the fields Data TD and Num TD the references of the supplier to the load document, references that can be used for searches and visible in the form entry of prices / deferred registration of purchase invoices

Inserting prices by buying invoices

Inv. Date: 25/06/2019 Store: MAIN WAREHOUSE
 Invoice n.: 1 Supplier: SUPPLIER N. 1 Register Exit

Seleziona	Num.Doc.	Date.Doc.	Num.Doc. F.	Date.Doc. F.
☒	20	25/06/2019	123456	25/06/2019

Total discount: 0
 Rate/Tax: 10% 520.00
 Total Rateable: 520.00
 Total VAT/GST: 52.00
 Total: 572.00

Drag a column header here to group by that column:

Riferimento Doc.	Rif. DDT Forn.	Prodotto	Piz.Ord	P.Un.Acq	%Sc1	%Sc2	%Sc3	Q.ta Ord.	Q.Un.Acq	Quantità	Costo Unitario	Importo
N. 20 del 25/06/2019	N. 123456 del 25/06/2019	FERRERO DUPLO NOCC. LEGGERO	0	0	0	0	0	0	0	100	0,25	25
N. 20 del 25/06/2019	N. 123456 del 25/06/2019	FERRERO FIESTA	0	0	0	0	0	0	0	1000	0,22	220
N. 20 del 25/06/2019	N. 123456 del 25/06/2019	FERRERO FONZIES PAP.	0	0	0	0	0	0	0	1100	0,25	275

Supplier management

The Supplier Management item, accessible from the GD management menu under the entry Entry entries, allows to manage not only the Supplier purchase and deferred invoice purchase function, but also the Order entry to supplier and Change order to supplier functions. It is also possible to manage returns to suppliers.

- Entering orders to the supplier (for order entry to the supplier)

The function is based on the concept of processing a quantity to be ordered to the supplier based on the stock and minimum stock set in the deposit for the various products.

The function requires as first data to choose the deposit (by default the standard deposit is proposed, that is the one set in options A of the General Settings table of GD Admin) from which it will make a first selection of the subscribed products to create the list of suppliers to they reported; in this first selection, to calculate the underwriting, the "% Supplier Risk" (which can be entered in the Registered Office / Other folder of the Suppliers Registry table) will also be considered, which compares the stock with the minimum stock increased by the aforementioned percentage. If the minimum stock is 0, the product is ignored. Alternatively, it is still possible, by deactivating the "Ignore selection on minimum stock" check box, to select any supplier / product regardless of the warehouse situation and the related stocks set.

It will be necessary to select from the above list of suppliers the supplier for which the order is to be entered and to indicate a reference number to differentiate one order from another, a description field and a note field are also provided to further detail, if yes, the order itself.

With regard to the Reference Number, it is possible to manage a protocol, also automatic, in addition to the completely manual one, with the possibility of using a single global progressive number or a global progressive number plus a separate progressive number for each supplier accompanied by an ID up to three letters. In each case, a two-digit year is added to the queue. In practice, by entering two orders one for Coca Cola and one for Ferrero you could have:

- a) a manual reference in which the user writes freely (disabling any automatic numbering)
- b) an automatic reference with global progressive numbering plus two digits of the current year (eg 1/08 ... 2/08)
- c) an automatic reference with identification of max 3 letters that can be entered by the user for each supplier and a progressive numbering by supplier plus two digits of the current year (Ex. CC1 / 08 ... for Coca Cola, FE1 / 08 for Ferrero)
- d) a reference composed of the global numbering plus the specific numbering of the supplier according to points b) and c) followed by two figures for the current year (for the two orders from the previous example we would have 1 / CC1 / 08, 2 / FE1 / 08 ...)

The global automatic numbering can be set from the first page of the General Settings of GD Admin. The numbers for suppliers and their identifiers can be set in the Suppliers tab.

Continuing with the confirmation of the data described above, the following is displayed:

- the payment method of the supplier (proposed based on what is present in the supplier sheet, but modifiable for the single order); the fields for the allocation of a value discount and the global percentage discounts related to the order;
- the destination of the goods (the address of the chosen deposit is proposed, but it is possible to freely change the destination of the goods);
- a grid containing the list of the orderable products of the deposit for the chosen supplier, in this grid it will be visible for each product, the product code at the supplier, the stock in the warehouse, the minimum stock, the maximum stock (if in the folder Stock of the Deposits table the Max. Stock has been added), the pieces per package and the last price and it will be possible to indicate the quantity to be ordered, the price, the percentage discount relative to the single product and the expected

delivery date. If it has been specified in the product / supplier card, it will be possible to set the price and the quantity purchased based on the purchase units provided by the supplier. This allows, if desired, to manage the purchases of products supplied in blisters or multiple packages which are then sold individually.

If the maximum stock is set in the warehouse stocks, the quantity column will be automatically calculated by calculating the difference between the stock and the maximum stock, this value will be rounded to the value of the pieces per package present in the product sheet, the expected date column will also be automatically evaluated if the "Days to re-order" field has been set in the supplier (which can be entered in the Registered office / Other folder in the Supplier Data table).

Finally there is a "Warnings" column in which will be highlighted if for the specific product and for the processed deposit, regardless of the supplier, there is already an order with expected delivery date less than the processing date, in this case, confirming a quantity, the product in the old order will be deleted and will remain only in the current order.

Based on the Shelf life value in days indicated in the product sheet, when the order is stored and the document is subsequently printed, the words' Minimum expiry date dd / mm / aaaa 'where the date' dd / mm / yyyy 'is calculated starting from the date of the order and adding the number of days set. This allows the supplier to indicate different deadlines for different products.

Once the order has been memorized with the Register button, the function will return to the step in which the supplier is requested to proceed with entering a new order.

The order print will be displayed, which is saved as a document and can also be retrieved from GD Admin (A customizable form for the order is used for printing, as is the case for invoices and delivery notes that can be exported).

- Change order to Supplier (for the modification / cancellation of the order to the supplier)

In this function, it is necessary to indicate the supplier (in the list there will be only suppliers who have at least one order present) and after confirmation two grids will be displayed, the first will contain the list of all the orders of the chosen supplier, the second will display the list of products inserted in the order corresponding to the selected row of the first grid.

In this second grid, by double clicking or pressing the change button you will have the possibility to change the quantity in order and / or the expected delivery date, as well as eliminate the product from the order, eliminating all product lines (lower grid), the order itself will also be deleted (upper grid), in addition there is the possibility to delete the whole order in one go by selecting the row in the upper grid and pressing the "CTRL" + "CANC" keys.

In the case of partially processed quantities, they are shown in a special column on the grid.

- Purchase from supplier (for the registration in GD of the load of the goods purchased by the supplier)

In the purchase from supplier at the time of a new insertion of the purchase document, the list of outstanding supplier orders (if present) is proposed. which only those referring to the document in question can be selected.

All the data present in the recalled order lines are proposed in the grid of the products to be loaded in which all the necessary columns are present, including those relating to the purchase units and discounts.

It should be noted that, if several orders containing the same product are selected, the product line is duplicated and for each of them it is faithfully reported how much is charged in the order entry phase, the only exception is the loaded quantity, which is set by difference between ordered quantity and the possible quantity processed by a previously inserted purchase document and referred to one I have several orders selected.

Finally, there is the Total discount field, in which it is possible to set the extra discount on the purchase invoice.

- Postponed purchase invoice registration (to set the invoice number and the invoice prices of the supplier).

Through this function it is possible to allocate the purchase prices of the products at a later time, if the suppliers receive the goods accompanied by the TD and subsequently the purchase invoice is received.

As a first step, you must enter the invoice number, the date, the TD arrival deposit and the supplier. Pressing the 'Next' button the list of transport documents is proposed, previously registered with the item purchase from supplier and in which the fields 'invoice date' and 'invoice number' are not entered, in order to select those relating to the invoice itself .

Once the TD has been selected, by pressing the 'Next' button again, a list of the products contained in them is provided and the purchase price can be attributed to them.

If the product in the transport document was loaded by recalling an order to a supplier, the order line will show the data of the order itself with prices, discounts and quantities, both single and in purchase units.

NB You can recall a deferred invoice and change the prices by searching using the button next to the invoice number or by entering an existing date and invoice number,

- Returned to supplier

Allows you to record the goods returns to suppliers and issue the relative transport TD .

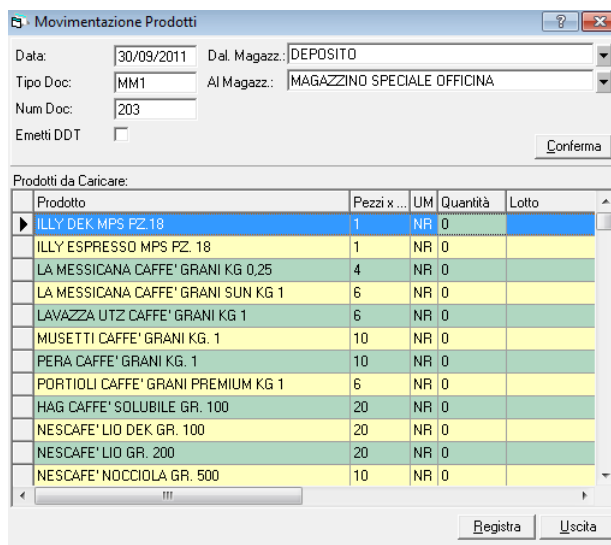
Product movement (between warehouses)

This function, which can be accessed from the GD management menu under the entry Entry, allows you to move products from one warehouse to another if management is required to manage multiple warehouses.

The window is divided into two areas, the upper one allows you to set the date, the document type that will be reported in the warehouse movement, the document number, and the deposits you want to move, which can be selected by pressing ENTER on the related field (or by typing the first letters of the description + ENTER)

Pressing Confirm shows the list of products.

The quantity to be handled for each product must be entered and at the end press Register. Inventory movements are generated and quantities are updated automatically.



Movimentazione Prodotti

Data: 30/09/2011 Dal Magazz.: DEPOSITO
 Tipo Doc: MM1 Al Magazz.: MAGAZZINO SPECIALE OFFICINA
 Num Doc: 203
 Emetti DDT ☐

Conferma

Prodotti da Caricare:

Prodotto	Pezzi x ...	UM	Quantità	Lotto
ILLY DEK MPS PZ.18	1	NR	0	
ILLY ESPRESSO MPS PZ. 18	1	NR	0	
LA MESSICANA CAFFE' GRANI KG 0,25	4	NR	0	
LA MESSICANA CAFFE' GRANI SUN KG 1	6	NR	0	
LAVAZZA UTZ CAFFE' GRANI KG 1	6	NR	0	
MUSETTI CAFFE' GRANI KG. 1	10	NR	0	
PERA CAFFE' GRANI KG. 1	10	NR	0	
PORTIOLI CAFFE' GRANI PREMIUM KG 1	6	NR	0	
HAG CAFFE' SOLUBILE GR. 100	20	NR	0	
NESCAFE' LIO DEK GR. 100	20	NR	0	
NESCAFE' LIO GR. 200	20	NR	0	
NESCAFE' NOCCIOLA GR. 500	10	NR	0	

Registra Uscita

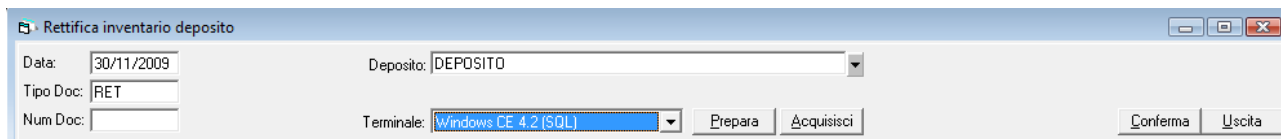
Issue TD : If this option is enabled, a special TD register must be used.

The TD of warehouse movement can be reprinted by GD Admin, on printed documents issued by selecting the appropriate option, or by printing tax records by selecting the register used.

Use of terminals for the functions Depot loading, Purchase from supplier and Rectification of inventory

It is possible to use these functions by collecting the information in the field via the terminals, completing them and then confirming them using the screens already analyzed.

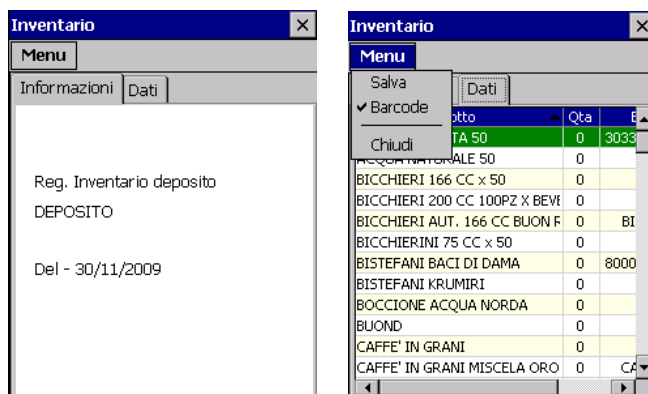
The procedure to be followed is to: choose the Deposit (upon purchase from a supplier, also choose the supplier), choose the type of Terminal used and, instead of pressing Confirm, connect the terminal and press Prepare to send the data relating to the operation that you are performing.



Rettifica inventario deposito

Data: 30/11/2009 Deposito: DEPOSITO
 Tipo Doc: RET
 Num Doc:
 Terminale: Windows CE 4.2 (SQL) Prepara Acquisisci
 Conferma Uscita

On the terminal, the Inventory program with the necessary information is automatically launched at the end of the Prepare.



Inventario

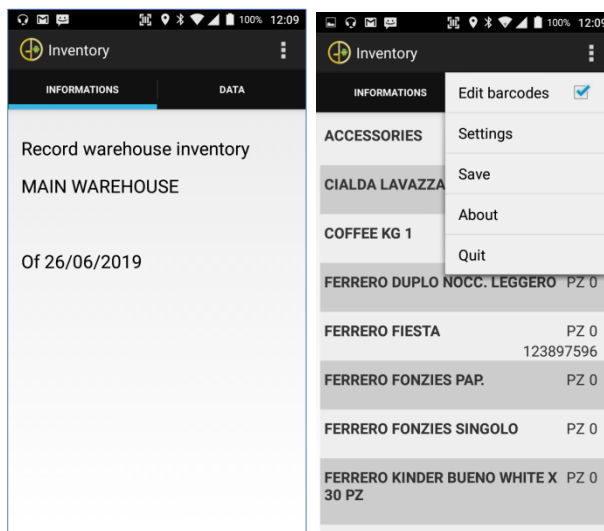
Menu

Informazioni Dati

Reg. Inventario deposito
 DEPOSITO
 Del - 30/11/2009

Salva
 ✓ Barcode
 Chiudi

Prodotto	Qta	E
TA 50	0	3033
BICCHIERI 166 CC x 50	0	
BICCHIERI 200 CC 100PZ x BEV	0	
BICCHIERI AUT. 166 CC BUON F	0	BI
BICCHIERINI 75 CC x 50	0	
BISTEFANI BACI DI DAMA	0	8000
BISTEFANI KRUMIRI	0	
BOCCIONE ACQUA NORDA	0	
BUOND	0	
CAFFE' IN GRANI	0	
CAFFE' IN GRANI MISCELA ORO	0	CA



The Information form is displayed which shows the name of the function you are using, the name of the repository and the date, while in the Data folder you can view the list of products for which you can enter quantities and from the menu you can enable Barcode display, to allow you to read product barcodes.

The warehouse operator, manually or through the barcodes, can carry out the survey indicating the quantities for each product, he can also read the barcodes if they are missing or he can insert the alternative barcodes.

At the end from the menu give save to save the data entered.

At the end of the inventory reinsert the terminal on the base (connecting it with the cable or with GDTrasf) and press Acquire (even without selecting storage and / or supplier): the data taken from the terminal will be displayed on the grid where it will be possible to modify them, if required, giving Record the data will be recorded on GD.

NB In order to perform these functions, the terminal must also be initialized without routes (or with a route started / closed).

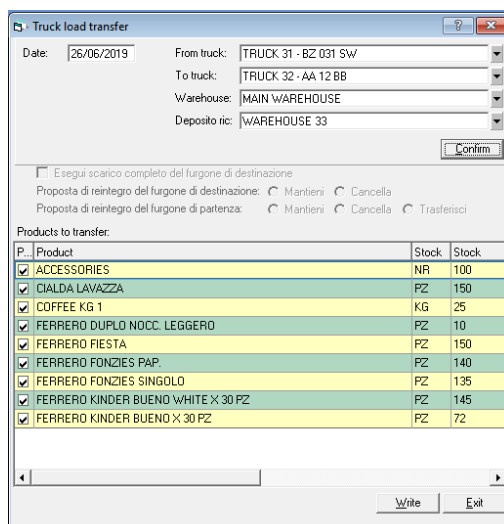
The files acquired by the handheld are deleted only when the movements are recorded.

Inventory data / warehouse load / purchase from supplier if taken by handheld can also be recovered later. To retrieve an inventory made from a terminal, but not registered, select a Terminal, check the box Use last acquisition from Palm (present if and only if there is an unregistered inventory), click on Acquire to acquire the inventory file again.

Transfer of cargo between vans

This function allows to transfer the products in stock on a van to a different vehicle, generally in order to be able to quickly start the planned ride with a different means when the first one is unavailable (Useful when changing the van to the last moment).

The function, which can be recalled from the GD Move Entry menu, allows to indicate: Date, From the Van, To the Van, the Deposit and upon registration transfers the stocks from the first to the second vehicle. Note that the selected vans cannot be assigned to Started Routes.



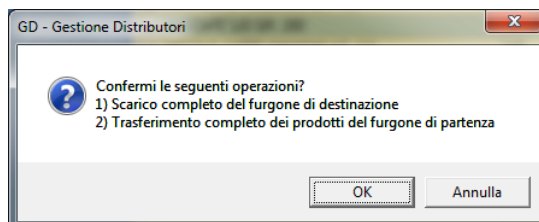
P.	Product	Stock	Stock
☒	ACCESSORIES	NR	100
☒	CIALDA LAVAZZA	PZ	150
☒	COFFEE KG 1	KG	25
☒	FERRERO DUPLO NOCC. LEGGERO	PZ	10
☒	FERRERO FIESTA	PZ	150
☒	FERRERO FONZIES PAP.	PZ	140
☒	FERRERO FONZIES SINGOLO	PZ	135
☒	FERRERO KINDER BUENO WHITE X 30 PZ	PZ	145
☒	FERRERO KINDER BUENO X 30 PZ	PZ	72

If the van of destination contains stocks it is possible to choose whether to keep the stocks of the van of destination, adding those of the other, or whether to completely unload the van of destination (using the option Perform complete discharge of the van of destination);

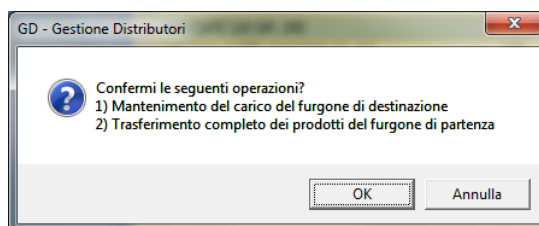
- if the destination van contains stocks and has been stamped Execute complete unloading of the van the products of the destination van are unloaded on the selected warehouse

- the products of the departure- the products of the van from the warehouse are loaded selected to the destination van.

The operation creates the corresponding Loading and Unloading movements, these movements can be displayed by Motion Review.



If you do not see the Execute full discharge option, the quantities of products on the destination van are increased.



If you cancel the operation is canceled.

In the mask grid only the products to be transferred are displayed, if the grill is empty the van has no products in stock and the record button is disabled. (From the stocks are excluded any products with stock ≤ 0)

If the operator has inserted a proposal to reinstate the van of destination and / or departure, the appropriate options will also be activated and it will be possible to choose whether to keep the reinstatement proposal or not. of the departure and / or destination van.

Direct load management by the loader operator

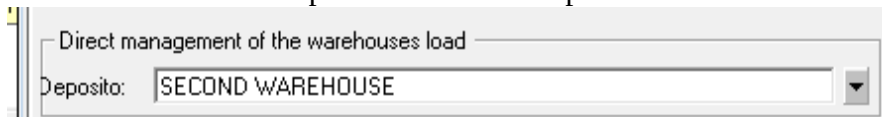
It is possible for authorized operators to directly register the arrival of the goods by the suppliers in their own warehouse, without accessing the GD Inventory program but directly from the GD Mobile. This is useful in all situations where the site exists with the central storage warehouse that supplies delocalized warehouses (already created in GD) in which the loader operator also acts as a warehouse operator. In fact, in some cases, typically for water or fresh products, suppliers deliver goods directly to delocalized warehouses from which the operator picks up the goods. Since these warehouses are not equipped with IT tools, from v. 6.0 it is possible to indicate in the operator's card the warehouse for which it is also responsible for the load.

At the time of loading the operator chooses the supplier on the palmtop and enters the details of the TD of the supplier, thanks to which the administration can go back to the load and enter the economic data on arrival of the invoice. The product list is the one used also in GD on the PC and related to the indicated supplier.

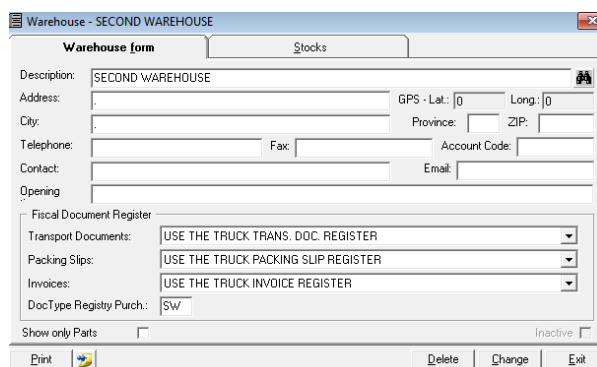
When reloading the route from the terminal, in the presence of loads entered by the operator, the relative loading movements of the deposit are generated which can then be managed using the normal methods already present in GD.

Configuration of the functionality

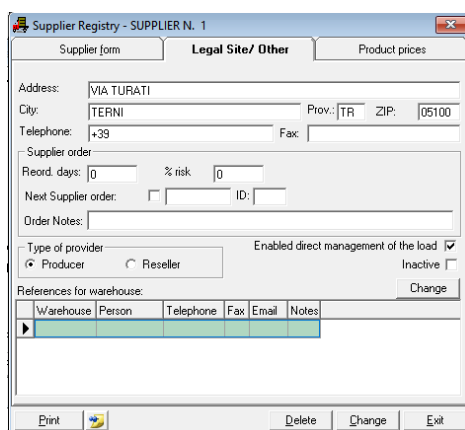
To activate the function it is necessary first of all in the Operators Database (Card Details / Other) to indicate which is the deposit on which the specific can be made to load.



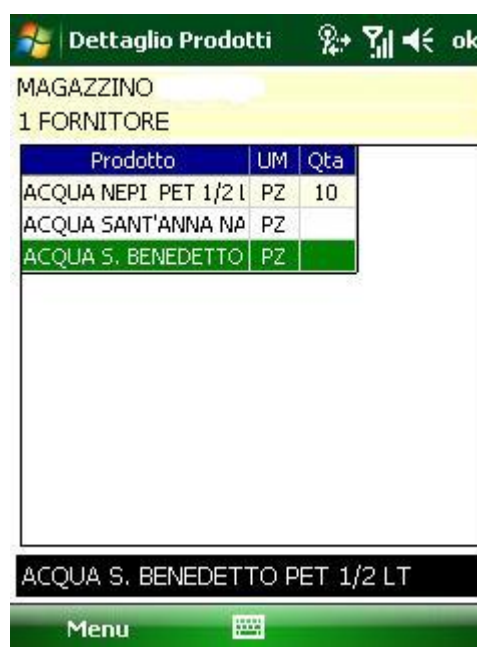
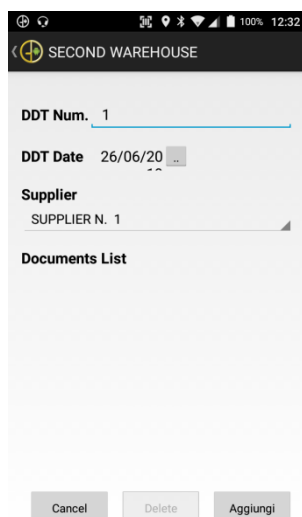
Subsequently it is necessary to indicate an identifier (Purchase Register Type) for the loading documents relating to each deposit that is managed in this way. This identifier together with the document number will be the internal reference to the loading movement (TipoDoc / Numdoc). Therefore in the deposit card it will be possible to indicate it.

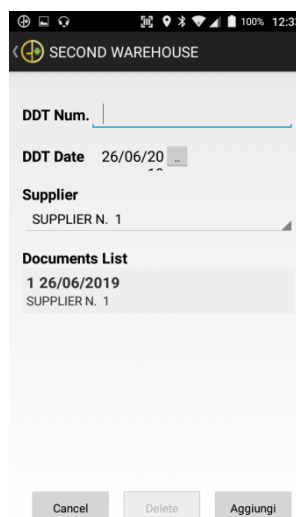


Finally it is necessary to indicate on the card which suppliers are enabled for the direct load management function (only the suppliers with this active tick will appear on the handheld).



On the handheld the function is activated in the main menu of GDMobile with the entry Warehouse and allows you to enter into a screen from which you can enter the supplier and the document number and date. Pressing add displays the list of products of the supplier.



The products can also be selected via the barcode and at the end of the insertion the details of the products are recorded. The inserted document can be retrieved and modified by clicking on the document list and then pressing the Edit button.



Carico Magazzino

MAGAZZINO

Documento

Fornitore: FORNITORE

Num.:

Data: 09/04/14

Aggiungi

Annulla

Cancel

Elenco Documenti

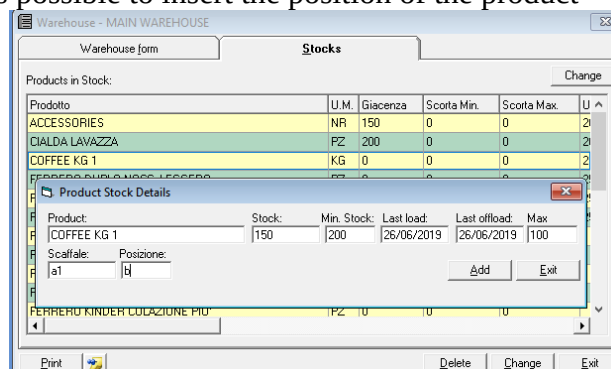
Num. Doc.	Data Doc.	Fornitore
1	09/04/14	FORNITORE

Menu

Management of the position of the products (shelf / position) in the deposits

From v. 6.0 it is possible to manage the shelf and the position in the stores to indicate the position of the products (generally of the spare parts but it is possible to do it for any product)

From the deposit card it is possible to insert the position of the product



Warehouse - MAIN WAREHOUSE

Warehouse form

Stocks

Products in Stock:

Prodotto	U.M.	Giacenza	Scorta Min.	Scorta Max.	U
ACCESSORIES	NR	150	0	0	2
CIALDA LAVAZZA	PZ	200	0	0	2
COFFEE KG 1	KG	0	0	0	2

Product Stock Details

Product: COFFEE KG 1

Stock: 150

Min. Stock: 200

Last load: 26/06/2019

Last offload: 26/06/2019

Max: 100

Scaffale: a1

Posizione: b1

Add

Exit

Print

Delete

Change

Exit

In the Deposits and Vans / Deposits Print, if it was once a specific deposit has been chosen and the Stocks Only box is checked, the position (Shelf / Position) is displayed. Shelf and position information also appear on the van loading sheet, at the start of the lap, so that you can search for the parts in stock by the technician or warehouse manager and on the Purchase from Supplier, so that you can then fix the goods in spare parts warehouse

Fresh products management logic

The operation of the procedure starts from the concept of being able to enter daily the quantities of fresh products to be prepared and delivered to the various sites, so that all the operation will be based entirely on the date of entry, so there will be the possibility to insert a single quantity for each product of each site and for each day.

In Options A of the General Settings of GD Admin it is necessary to set the Fresh Products Deposit; this warehouse must be previously created in GD as a special warehouse (accessible from the Warehouses menu of GD) and will be used to move fresh products that have not been delivered, ie discarded, automatically when the tour is recharged.

In the product sheet, for the product you want to manage as fresh, you need to visit the appropriate item Fresh product, in the list of special products.

In the Other data folder on the card of the dispensers on which you want to manage fresh products, you will need to approve the appropriate Fresh Product Management option, to indicate that these dispensers are part of the fresh product management; this option will not be active if the fresh produce warehouse described above is not specified in the general settings.

NB For products called fresh, it will not be possible to insert the standard load into the classic order linked to customer requests.

The Fresh Product Order Management function, accessible from the GD Management menu under the entry Entry, provides a window in which initially it will be necessary to indicate the date to which the order refers (it is proposed automatically that of today's day); By giving Open four grids will be displayed, in the first one all the customer sites and the relative dispensers that have enabled the Fresh products management option that enables the dispenser to sell fresh products are listed, in the second next page all fresh products are listed (ie the products that have enabled the option on special products Fresh products) enabled in the dispensers of the site highlighted in the first grid, in this second grid the quantities of the products will be inserted and through the button Store, these quantities will be inserted in the database, this operation must be made for all the sites in the first grid and for which you want to place the order. As automation, each time the button is pressed it stores and then stores the quantities, the procedure will automatically switch to the next site (in grid 1).

To cancel a product order, simply reset the quantity and save with the appropriate button.

NB When the fresh order is associated with a route through the site, the order itself will no longer be editable.

A third summary grid will list in the rows all the customer sites present in the first grid and in the columns all the products that have enabled the Fresh Products option so that, crossing the rows with the columns, you will have the data of the quantity to be delivered of the products in the various sites, always in the same grid the final column will total for each site the amounts due based on the products ordered while a row of totals will sum all the quantities for each product and the total amount of the order. This third grid can be printed by pressing the print button.

The fourth grid provides a summary by product family of the products ordered with the relative amount, of the products eventually delivered and of those remaining after the lapse of the laps.

When for the initial date there is no movement of ordering fresh products, it is possible to fill the ordered quantities starting from one of the last 10 order dates previously entered but only the products still enabled on the site will be considered and the prices are relative to today's date. All this will be

possible through the appropriate button, Load Previous, which will be displayed only when the order is new.

At the start of the tour these orders will be processed based on the date that must coincide with the date of creation of the route itself. These products will be displayed in the van loading and the total quantity of orders for the sites in the route will be entered in the quantity to load column, and for each product it will be possible to specify a possible lot.

Upon confirmation of the van loading, for these fresh products a fictitious deposit load will be generated in the departure depot and at the same time the van load will also be created for the same quantity; if a lot has been specified, the product subdivision will also take place whether suppliers lots or internal lots are used, finally the orders processed in the route will be baptized with the code of the route itself and for them, as specified above it will not be possible to make changes.

It will always be possible to confirm the start of the tour by printing a summary by site of the fresh products to be delivered, for this printing there is a check in the window loading products in the van.

NB the fresh products will be passed to the terminals and managed as normal products except for the proposed reintegration of the van load in which these products will not have to appear.

When recharging the route, the fresh products that are in stock in the van, which have therefore not been delivered, will be automatically unloaded from the van and simultaneously moved to the discarded warehouse inserted in the general settings as described at the beginning, in these movements of displacement the possible lot will also be inserted.

Lots Management / Product Traceability Logic

The management of the Traceability of food products essentially consists in being able to know and certify with exactness which is the life of the single product or batch of products used in the commercial chain and food processing, in other words where and when each quantity of the individual food product is or has been purchased, used, sold, supplied, in order to reduce the risks for the consumer connected to the implicit qualitative and health criticality in treating the product itself

This concept has been made European standard with the directive 2001/95 / EC on general product safety, through a specific regulation 2002/178 / EC on food safety, in force in Italy from 01/01/2005. The norm establishes that not only the product must be traced, but also traced and eventually withdrawn from the market, also following a similar provision to recall the food by the producer and / or the inspection authorities.

The compulsory / necessity to withdraw the food eventually recalled or to certify the occurred withdrawal, brings each company involved in the food supply chain to consider an adequate level of risk linked to the economic losses caused by the product, even temporarily, unsold and by the logistics involved in its withdrawal, risk that it is necessary to have to trace, if not every single product, at least every product batch placed on the market, understood as a batch, a finite number of products that share similar quality and / or management characteristics.

In this context, GD - Vending Machine Management allows you to specify on the movements upon entry of the goods into the warehouse and upon delivery of the same with the portable terminals, an identification and univocal batch code, which is born and dies with the product that identifies The legislation does not provide specific provisions on how to manage this information, nor on how to archive these data; what is required is essentially that the company is able to communicate, certify, with certainty if it has ever purchased the recalled goods, or reported as to be withdrawn by the supplier or by its own organization and possibly be able to withdraw it quickly from the market, at least until such time as it is present in its dispensers and / or warehouses.

The fundamental purpose of Traceability within the management companies is also the possibility of reducing the risk of management (or identification and possible withdrawal) of the recalled goods, especially if the problem is reported or detected within the management or later of specific customer reports: in these cases it is necessary to collect all the goods belonging to the lot and / or the supplier, or the products presumably implied by the report.

All the main producers / suppliers of vending products have adapted or are adapting to solve the problem of identifying the goods by coding and printing on each product an identification of the lot to which it belongs: in GD this lot is generically defined as Supplier Lot. The most immediate solution is to baptize each entry and each exit of the goods with this code; however, one of the main issues with respect to the use of this code in product handling in GD, is the fact that it is almost never available as a barcode on the products themselves and that therefore it must potentially be typed at each delivery of goods, slowing down the activity of the shippers, constituting, obviously, a potential source of errors given the repetitiveness and the large quantity of digitations required.

In essence, there are three main problems related to Traceability, namely:

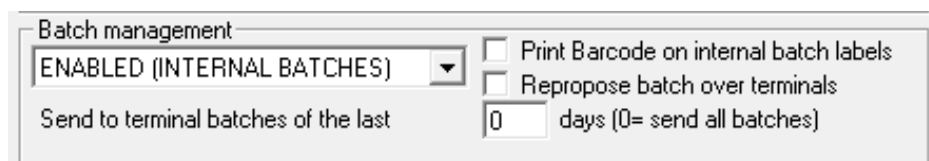
- 1) How to reduce the risk of having to physically search for the product in all dispensers that potentially manage the product itself
- 2) How to reduce the risk of having to completely withdraw the goods belonging to a specific production batch where the report comes from the same producer
- 3) How to organize the management of the Traceability so as not to slow down the operation of the shippers while reducing the risk that erroneous typing may introduce further problems

To help the vending company solve these problems , GD - Vending Machine Management allows the complete management of the information relating to the lots and keeps the overall data of all the goods purchased and then sold in the dispensers, allowing to know in real time the actual presence in the warehouse of goods belonging to a specific lot. Moreover GD proposes, optionally, the possibility to automatically carry out an internal development in the management, which generates the necessary lot codes when the goods are purchased, whose size is set on the product cards, codes that can be printed on labels with bar codes to be applied to each product package. In this way the charger equipped with a terminal with barcode reader (barcode), does not incur in additional time losses compared to the delivery of the products, eliminating in practice also the risk of typing errors.

Apart from the fact that the supplier or the internal ones are used as identifiers for the lots, it is possible at any time to check with various search criteria, if a specific lot of goods has actually been purchased by the supplier and therefore if and where it was stored or sold it.

Operation in GD

The first decision to be made is to establish whether you want to use Supplier Lots or Internal Lots (ie created by GD), as described above. It is also possible to decide whether the information relating to the lot being delivered to a terminal is mandatory or not for the loader. These choices are made via the General Settings / Options C in GD Admin.



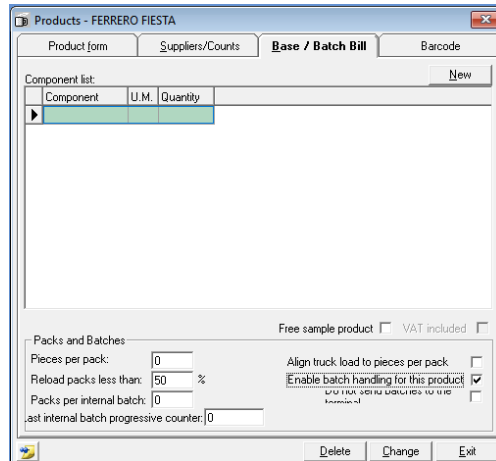
Also here it is possible to indicate if you wish, in the case of internal subdivision, to print the barcodes in the labels or not for each product package with the internal lot code.

It is also possible, but obviously it can lead to risks of gross errors in the absence of a correct management of the lots when loading the vans, so that the terminal after the first typing / scanning of a lot code for a specific product proposes the same for all subsequent movements of that product in that route. The use of this option (Repeat batches on the terminals) is not recommended unless the warehouse operator, when loading the vans, does not check daily that the entire load of each product belongs to a single lot, since if he activates this check, indirectly the obligation to insert n. of lot (being in fact repurposed by the program). In this case the software on the terminals does nothing more than re-propose the last lot number entered for that product on that route at each subsequent delivery of a product.

It is also possible to set the range of days to select the lots to be sent to the terminals, this parameter is used at the start of the round to discard the subdivisions prior to today's date minus the range of days set above. If the range of days is left at zero the function is not active. For those who use supplier lots, it is advisable to use a fairly large range since the subdivision of the products for the same lot number can take place at different times, so this function may not send batches to the terminal even if they are open and within the set range , because it would consider them saturated by associating to these lots the deliveries of the previous subdivision having the same lot number.

Internal subdivision management

This mode, which as mentioned allows a better and faster management, especially if used in a coordinated way with terminals equipped with barcodes, provides that when purchasing the goods, lots are generated for each product purchased as per specified in the individual product data sheets. The code for each product is automatically composed by GD by putting the last digit of the year in front of a progressive number of 9 numbers. In the bill of materials folder it is possible to indicate in addition to the pieces per pack, which are already available and can also be used optionally to align and optimize the standard load of the vans, the number of packs that make up an internal lot of goods. The progressive counter of the last internal lot contains the progressive code of the last internal lot generated for the product. It is possible to modify it only by increasing it, since obviously they must not for any reason be generated n. of batch equal for different goods.



Option EnableManagement for this product

LottoThe mandatory entry of the lot, if enabled globally on GD Admin, Options C, can be managed at the level of the individual product based on the flag "Enable lot management for this product" (present in the BOM / Lots folder of the product sheet); this is because even if the obligatory nature of the lots has been enabled, there are products for which the lots do not have to be managed (glasses and pallets for example) even if you have the mandatory lots.

Development lots with supplier lots

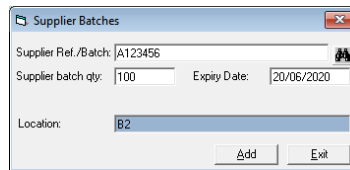
As previously mentioned, this mode does not require the use of internal lot codes, but allows the use of supplier lots to identify loads with the advantage of not having to manage and print labels for internal lots but great disadvantage of not allowing an optimization of the loader work (the lots are not generally printed as barcodes on the products, and moreover they have very varied codings and therefore potentially highly subject to typing errors).

From the operational point of view, once the lots have been entered at the time of purchase, it is possible, after instructing the shippers to type in the lots of goods, to check the delivery situation for each supplier lot.

Purchase of Products from Suppliers

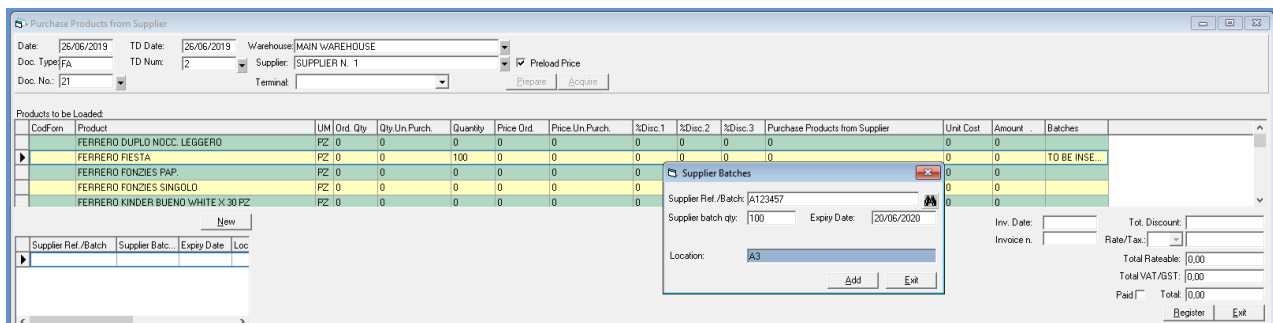
When purchasing products from suppliers, for each product inserted, the data relating to the Traceability must be indicated, that is the supplier batch, detectable by the goods being loaded, the

relative quantity, the eventual date of deadline (which if set can be used in searches later) and the possible location in the warehouse.



Supplier Ref./Batch: A123456
 Supplier batch qty: 100 Expiry Date: 20/06/2020
 Location: B2
 Add Exit

Since the goods you are registering may belong to different supplier lots, for each product purchased it is possible to insert more Traceability lines, indicating the relative quantity. It is possible to type the total quantity of the purchased goods and then insert the lines with the supplier lots or alternatively enter the data of the supplier lots; in this case the total quantity is calculated as the sum of the subdivision lines. The Products per Supplier Checklist has been integrated with information about the pieces per package and the packages per lot.



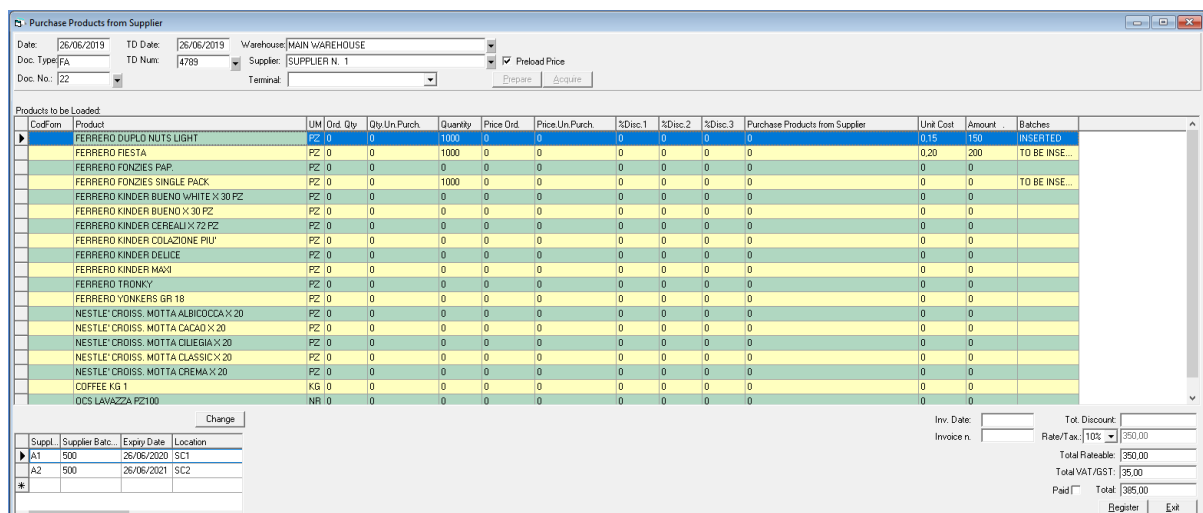
Date: 26/06/2019 TD Date: 26/06/2019 Warehouse: MAIN WAREHOUSE
 Doc. Type: FA TD Num: 2 Supplier: SUPPLIER N. 1
 Doc. No.: 21 Terminal:
 Prepare Acquire

Cod.Forn	Product	UM	Ord. Qty	Qty Un.Purch.	Quantity	Price Ord.	Price Un.Purch.	%Disc.1	%Disc.2	%Disc.3	Purchase Products from Supplier	Unit Cost	Amount	Batches
	FERRERO DUPLO NOCC. LEGGERO	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO FIESTA	PZ	0	0	100	0	0	0	0	0		0	0	TO BE INSE.
	FERRERO FONZIES PAP.	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO FONZIES SINGOLO	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO KINDER BUENO WHITE X 30 PZ	PZ	0	0	0	0	0	0	0	0		0	0	

Supplier Ref./Batch: A123457
 Supplier batch qty: 100 Expiry Date: 20/06/2020
 Location: A3
 Add Exit

Inv. Date:
 Invoice n.:
 Tot. Discount:
 Rate/Tax:
 Total Rateable: 0.00
 Total VAT/IGST: 0.00
 Paid:
 Total: 0.00
 Register Exit

Note that in the batch column the INSERTED item is displayed for each product line and that at the time of confirmation the quantities of the supplier lots entered must coincide with the total quantity of the product purchased. It is however possible to carry out the subdivision also after the registration of the TD of purchase or to parcel out different lines at different times. It should be noted that the registration of a load line with the relative lots carries out the internal subdivision, and this is the reason why each line must be complete. In practice, referring to the example it is possible to insert at different times the composition of the batches of Coca Cola cans compared to those of Fanta, Chinotto, but it is not possible to insert partial lots for each product and record, as the program will give a message of error. By way of example, this is what you get by reloading the document inserted above



Date: 26/06/2019 TD Date: 26/06/2019 Warehouse: MAIN WAREHOUSE
 Doc. Type: FA TD Num: 4789 Supplier: SUPPLIER N. 1
 Doc. No.: 22 Terminal:
 Prepare Acquire

Cod.Forn	Product	UM	Ord. Qty	Qty Un.Purch.	Quantity	Price Ord.	Price Un.Purch.	%Disc.1	%Disc.2	%Disc.3	Purchase Products from Supplier	Unit Cost	Amount	Batches
	FERRERO DUPLO NUTS LIGHT	PZ	0	0	1000	0	0	0	0	0		0.15	150	INSERTED
	FERRERO FIESTA	PZ	0	0	1000	0	0	0	0	0		0.20	200	TO BE INSE.
	FERRERO FONZIES PAP.	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO FONZIES SINGLE PACK	PZ	0	0	1000	0	0	0	0	0		0	0	TO BE INSE.
	FERRERO KINDER BUENO WHITE X 30 PZ	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO KINDER BUENO X 30 PZ	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO KINDER CEREALI X 72 PZ	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO KINDER COLAZIONE PIU'	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO KINDER DELICE	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO KINDER MAXI	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO TRONKY	PZ	0	0	0	0	0	0	0	0		0	0	
	FERRERO YONKERS GR 18	PZ	0	0	0	0	0	0	0	0		0	0	
	NESTLE' CROISS. MOTTA ALBUCCIA X 20	PZ	0	0	0	0	0	0	0	0		0	0	
	NESTLE' CROISS. MOTTA CACAO X 20	PZ	0	0	0	0	0	0	0	0		0	0	
	NESTLE' CROISS. MOTTA OLIEGIA X 20	PZ	0	0	0	0	0	0	0	0		0	0	
	NESTLE' CROISS. MOTTA CLASSIC X 20	PZ	0	0	0	0	0	0	0	0		0	0	
	NESTLE' CROISS. MOTTA CREMA X 20	PZ	0	0	0	0	0	0	0	0		0	0	
	COFFEE KG 1	KG	0	0	0	0	0	0	0	0		0	0	
	DCS LAVAZZA PZ100	NR	0	0	0	0	0	0	0	0		0	0	

Change

Suppl.	Supplier Batch	Expiry Date	Location
A1	500	26/06/2020	SC1
A2	500	26/06/2021	SC2

Inv. Date:
 Invoice n.:
 Tot. Discount:
 Rate/Tax: 10% 350.00
 Total Rateable: 350.00
 Total VAT/IGST: 35.00
 Paid:
 Total: 385.00
 Register Exit

Purchase Products from Supplier

Date: 26/06/2019 TO Date: 26/06/2019 Warehouse: MAIN WAREHOUSE
 Doc. Type: FA TO Num: 4789 Supplier: SUPPLIER N. 1 Preload Price
 Doc. No.: 22 Terminal:
 Depre Acquire

Products to be Loaded

Conf/Prod	Product	UM	Ord Qty	Qty Un Purch	Quantity	Price Ord	Price Un Purch	%Disc.1	%Disc.2	%Disc.3	Purchase Products from Supplier	Unit Cost	Amount	Batches
PZ 0	FERRERO DUPLO NUTS LIGHT	0	0	1000	0	0	0	0	0	0	0	0,15	150	INSERTED
PZ 0	FERRERO FIESTA	0	0	1000	0	0	0	0	0	0	0	0,20	200	TO BE INSE...
PZ 0	FERRERO FONZIES PAP	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO FONZIES SINGLE PACK	0	0	1000	0	0	0	0	0	0	0	0	0	TO BE INSE...
PZ 0	FERRERO KINDER BUENO WHITE X 30 PZ	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO KINDER BUENO X 30 PZ	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO KINDER CEREAL X 72 PZ	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO KINDER COLAZIONE PIU'	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO KINDER DELICE	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO KINDER MAXI	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO TRONKY	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	FERRERO YONKERS GR 18	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	NESTLE' CROISS. MOTTA ALBICOCCA X 20	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	NESTLE' CROISS. MOTTA CACAO X 20	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	NESTLE' CROISS. MOTTA OLIEGIA X 20	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	NESTLE' CROISS. MOTTA CLASSIC X 20	0	0	0	0	0	0	0	0	0	0	0	0	
PZ 0	NESTLE' CROISS. MOTTA CREMA X 20	0	0	0	0	0	0	0	0	0	0	0	0	
KG 0	COFFEE KG 1	0	0	0	0	0	0	0	0	0	0	0	0	
NR 0	DCS LAVAZZA PZ100	0	0	0	0	0	0	0	0	0	0	0	0	

Change

Suppl.	Supplier Batch	Expiry Date	Location
A1	500	26/06/2020	SC1
A2	500	26/06/2021	SC2

Inv. Date: Invoice n. Tot. Discount: Rate/Tax: 10% 350.00 Total Rateable: 350.00 Total VAT/GST: 35.00 Paid Total: 385.00 Register Exit

. Note that each internal lot can contain only one supplier lot, so in the case of fragmentation, the last internal lot of each subdivision can contain fewer pieces compared to the other lots. However, GD stores this information making it transparent to the user, so both the batch management mask and the printing of the labels also take this data into account. For example, if a product includes internal lots of 48 packages and each package contains 12 pieces, there will be internal lots of 576 pieces. When registering a purchased quantity of 600 pcs (50 packs) of a single supplier lot, there will be two consecutive internal batches, the first of 576 and the second of 24 pieces. If the same goods had been made up of two different supplier lots (240 pieces of the supplier lot L1 and 360 pieces of the supplier lot L2) GD would have generated an internal batch of 240 pieces and a second internal lot of 360 pieces). The example shown in the figure in the table then generates lots, accessible from the Management Lots in GD function:

Batch table:										
Supplier Batch	Qty Delivered	Supplier Ref./Batch	Supplier Batch Qty	Expiry Date	Location	Int. batch Dep.	Int. batch Arr.	Batching Date/Time	Product	Document
NOT SATURATED 0	A1	500	26/06/2020	SC1	9000000001	9000000500	26/06/2019 15:15:35	FERRERO DUPLO NUTS LIGHT	FA 22 26-06-2019 SUPPLIER N. 1	
NOT SATURATED 0	A2	500	26/06/2021	SC2	9000000501	9000001000	26/06/2019 15:15:35	FERRERO DUPLO NUTS LIGHT	FA 22 26-06-2019 SUPPLIER N. 1	
NOT SATURATED 10	B1	500	26/06/2020	SC45	9000000001	9000000500	26/06/2019 15:15:36	FERRERO FIESTA	FA 22 26-06-2019 SUPPLIER N. 1	
NOT SATURATED 0	B2	500	26/06/2021	SC46	9000000501	9000001000	26/06/2019 15:15:36	FERRERO FIESTA	FA 22 26-06-2019 SUPPLIER N. 1	

It should be noted that the batch management function allows ample opportunity for selection of subdivisions specifying the product, lot supplier and / or internal lot and any expiration intervals

GD - TISQL2\GDSQL\GDDCESE_EN - [Change Batches]

File View Tools Tables Dispensers Customers Warehouses Management Window ?

Supplier: Internal Batch: Product: FERRERO FIESTA From Expiry Date: Supplier: To Expiry Date:

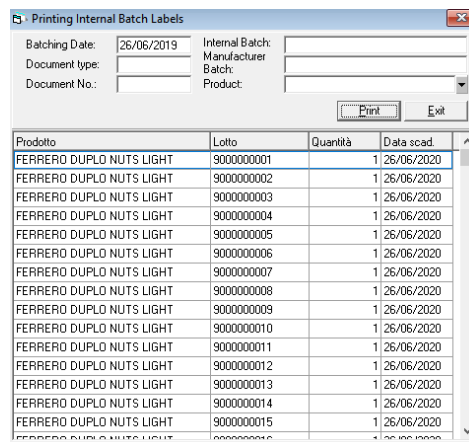
Batch table:

Supplier Batch	Qty Delivered	Supplier Ref./Batch	Supplier Batch Qty	Expiry Date	Location	Int. batch Dep.	Int. batch Arr.	Batching Date/Time	Product	Document
NOT SATURATED 10	B1	500	26/06/2020	SC45	9000000001	9000000500	26/06/2019 15:15:36	FERRERO FIESTA	FA 22 26-06-2019 SUPPLIER N. 1	
NOT SATURATED 0	B2	500	26/06/2021	SC46	9000000501	9000001000	26/06/2019 15:15:36	FERRERO FIESTA	FA 22 26-06-2019 SUPPLIER N. 1	

Batch handling list:

Delivery Date	Site	Quantity	Operator	Dispenser	Route	Internal Batch	Description
26/06/2019	CUSTOMER 4 SITE 6	10	SALE/DIRECT DELIVERY	V/M 36	22	9000000001	LOAD V/M

As soon as the purchase has been registered, it is possible to print from GD Admin the labels to be affixed to each product package, with or without barcode, thanks to the Lots Label Printing, equipped with various selection criteria so as to allow for various parceling modes.



Printing Internal Batch Labels

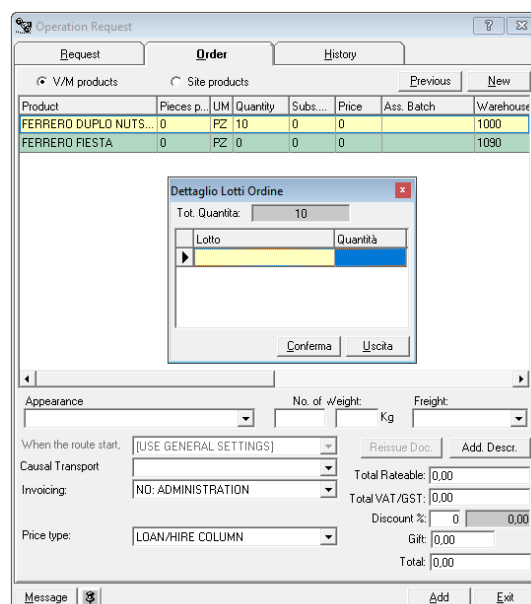
Batching Date: 26/06/2019 Internal Batch:
 Document type: Manufacturer Batch:
 Document No.: Product:
 Print Exit

Prodotto	Lotto	Quantità	Data scad.
FERRERO DUPLO NUTS LIGHT	9000000001	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000002	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000003	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000004	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000005	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000006	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000007	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000008	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000009	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000010	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000011	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000012	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000013	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000014	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000015	1	26/06/2020
FERRERO DUPLO NUTS LIGHT	9000000016	1	26/06/2020

Using Lots in Customer Requests Orders

If one or more lots have been generated for a product listed on the Order tab of the Request for Intervention form, you can associate one or more lots to the order.

- 1) To access the Lots selection screen, select the cell in the 'Assignment Lot' column. And hit enter (or alternatively double click with the left mouse button).



Operation Request

Request Order History

V/M products Site products Previous New

Product	Pieces p.	UM	Quantity	Subs...	Price	Ass. Batch	Warehouse
FERRERO DUPLO NUTS...	0	PZ	10	0	0		1000
FERRERO FIESTA	0	PZ	0	0	0		1090

Dettaglio Lotti Ordine

Tot. Quantità: 10

Lotto	Quantità

Conferma Uscita

Appearance No. of weight: Freight: Kg

When the route start: [USE GENERAL SETTINGS] Reissue Doc. Add Descr.

Causal Transport Total Rateable: 0.00

Invoicing: NO: ADMINISTRATION Total VAT/GST: 0.00

Price type: LOAN/HIRE COLUMN Discount %: 0.00

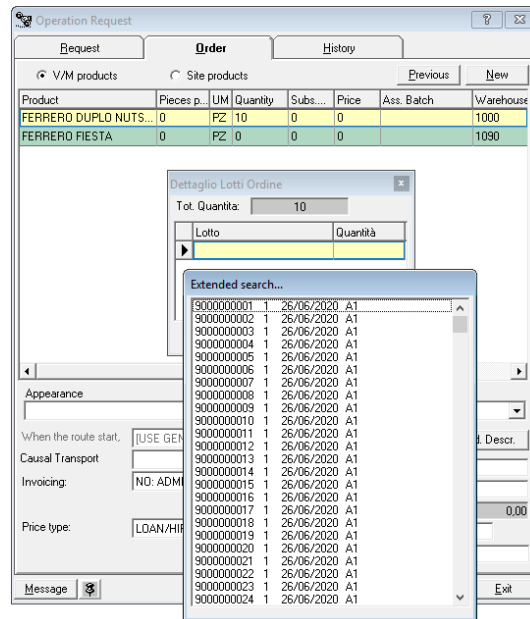
Gilt: 0.00

Total: 0.00

Message Add Exit

As shown in the figure, the 'order detail' mask opens, showing the quantity to be ordered of the product and a grid that allows you to choose the lot.

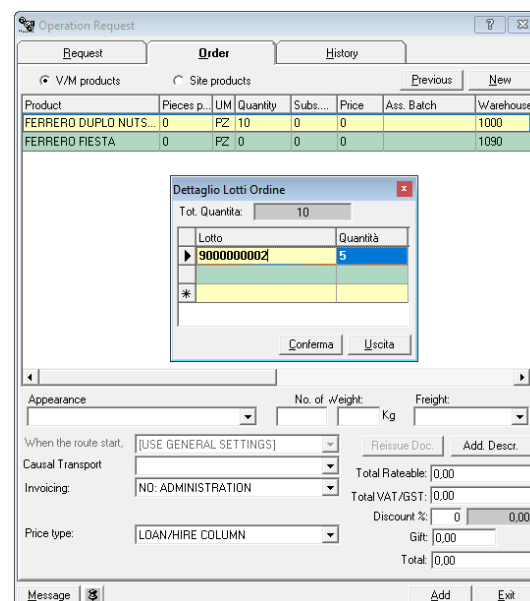
- 2) Selecting the cell of the batch column and typing send on it opens the list of lots available for that product.



Product	Pieces p...	UM	Quantity	Subs...	Price	Ass. Batch	Warehouse
FERRERO DUPLO NUTS...	0	PZ	10	0	0		1000
FERRERO FIESTA	0	PZ	0	0	0		1090

Dettaglio Lotti Ordine		
Tot. Quantità: 10		
Lotto	Quantità	
9000000001	1	25/06/2020 A1
9000000002	1	25/06/2020 A1
9000000003	1	25/06/2020 A1
9000000004	1	25/06/2020 A1
9000000005	1	25/06/2020 A1
9000000006	1	25/06/2020 A1
9000000007	1	25/06/2020 A1
9000000008	1	25/06/2020 A1
9000000009	1	25/06/2020 A1
9000000010	1	25/06/2020 A1
9000000011	1	25/06/2020 A1
9000000012	1	25/06/2020 A1
9000000013	1	25/06/2020 A1
9000000014	1	25/06/2020 A1
9000000015	1	25/06/2020 A1
9000000016	1	25/06/2020 A1
9000000017	1	25/06/2020 A1
9000000018	1	25/06/2020 A1
9000000019	1	25/06/2020 A1
9000000020	1	25/06/2020 A1
9000000021	1	25/06/2020 A1
9000000022	1	25/06/2020 A1
9000000023	1	25/06/2020 A1
9000000024	1	25/06/2020 A1

The Lot chosen from the list is shown in the Detail Lots grid. The Quantity column is automatically evaluated with the Tot value. The quantity displayed on the form itself.



Dettaglio Lotti Ordine		
Tot. Quantità: 10		
Lotto	Quantità	
9000000002	5	
*		

Conferma Uscita

Appearance: [USE GENERAL SETTINGS] No. of weight: Kg Freight: [REISSUE DOC.] [ADD DESC.]

Causal Transport: [NO: ADMINISTRATION] Total Rateable: 0,00

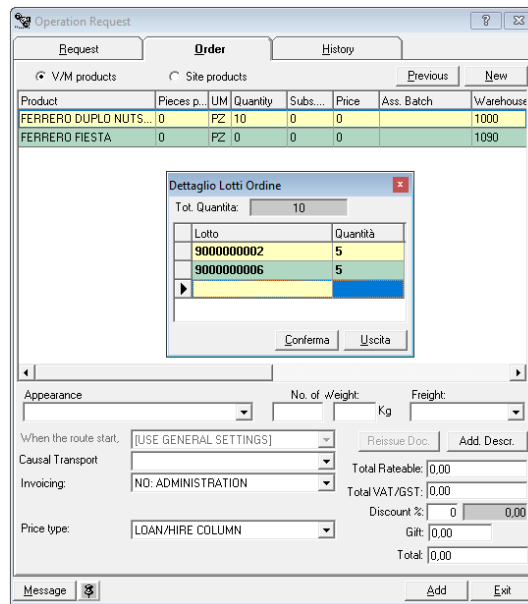
Invoicing: [NO: ADMINISTRATION] Total VAT/GST: 0,00

Price type: [LOAN/HIRE COLUMN] Discount %: 0,00

Gitt: 0,00 Total: 0,00

3) Pressing the Confirm button closes the detail mask:

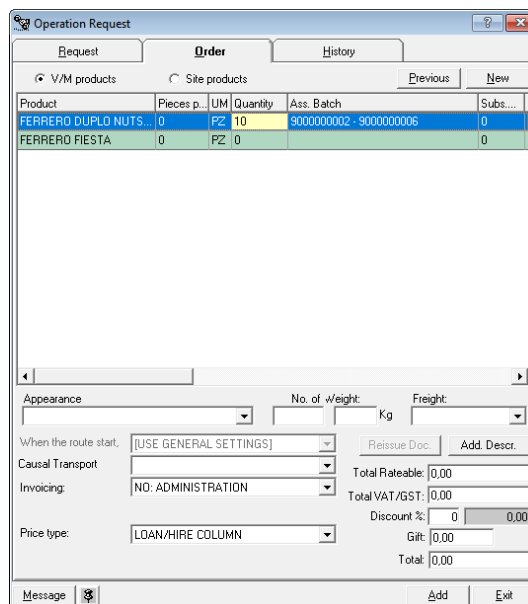
It is possible to associate several batches to the same order: in this case it is also necessary to indicate the quantity for each selected lot. The sum of the quantities of each selected lot cannot be different from the total quantity.



Product	Pieces p...	UM	Quantity	Subs...	Price	Ass. Batch	Warehouse
FERRERO DUPLO NUTS...	0	PZ	10	0	0		1000
FERRERO FIESTA	0	PZ	0	0	0		1090

Dettaglio Lotti Ordine	
Tot. Quantità: 10	
Lotto	Quantità
9000000002	5
9000000006	5

By pressing the confirmation button on the batch detail form, the operation is completed and the detail mask is closed:

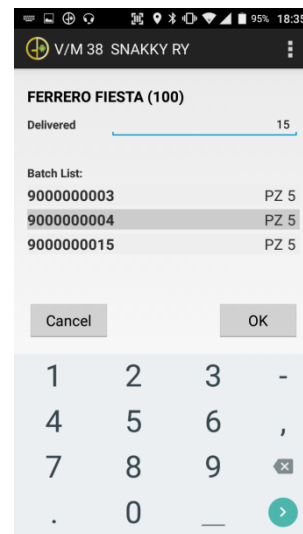


Product	Pieces p...	UM	Quantity	Ass. Batch	Subs...
FERRERO DUPLO NUTS...	0	PZ	10	9000000002-9000000006	0
FERRERO FIESTA	0	PZ	0		0

Sale and delivery of the products

On the basis of the settings described above, when registering the delivery of the goods, the internal lot to which they belong should be indicated. detectable by the label on the box by bar code or manually typed in the lot column. Any mandatory set on the General Options in GD Admin blocks the delivery of the product in the terminal in the absence of value in the Lotto column.

To select one or more batches of a product associated with a delivery on mobile devices, you can click on the Lots menu being positioned on the product line as usual, or you can select the cell in the Lotto column corresponding to the product to be delivered and press the enter key (or double click on the cell). The insertion of one or more lots is indicated by the word INS on the corresponding cell.



A window opens that lists all the lots available for the product, to select one or more lots simply fill in the quantity column with the quantities delivered for each lot and press the confirm button. The sum of the quantities entered will be shown in the Cons column.



Further facilitations are present in the management of the barcodes of the internal lots. In practice, if you are positioned on a product that includes Lots management, when a bar code is scanned, GD first checks whether there is one with that code in the product lots and if so automatically opens the selection window positioning itself. on the lot line and on the quantity column to allow insertion. Otherwise everything remains as before.

It should be noted that for the products for which the Lots management is active it is not possible to type the quantity directly in the delivered (one would not know which lot to assign it to), but the batch grid is opened to allow the entering of the quantities. Obviously, when leaving a product's batch grid, the sum of the quantities specified is shown in the delivered quantity column (Cons.)

NB Through the ALT + L key (to move the cursor in the lot field) and then the SCAN key on WorkAbout PRO

If the internal lots are used but the barcode reader is not available (or you do not want to use the labels with the barcode of the lots), you can manually enter the internal lot numbers, with some ease of use. Since the internal lot numbers are in any case made up of ten digits and the first number corresponds to the last digit of the year (the 5th of 2005), by entering the last digit of the year and then the lot code the field is filled as follows without the need to enter all the zeros that would make the entire management slower and more prone to errors.

Therefore, by entering (in 2005) the value 5120 on the lot column, you will have a lot code 5000000120.

Otherwise by entering the progressive number of the lot without the year (5) the system will automatically put the top 5 at the top of the code.

Therefore, typing 120 on the lot column will be the same 5000000120

A list is also managed on the terminal that allows you to choose between the open lots (supplied by GD to transfer the round) in order to reduce the margin of error (a window is shown with the list of open lots available in the company at the time of the creation of the tour with the relative expiry date). Obviously this does not mean that the operator on the van necessarily has all the lots indicated, but provides the batch entry to be entered in a sufficiently reliable manner without entering it manually or scanning it.

When the route is reloaded, each delivery movement is baptized with its own lot, and consequently it is possible to see the situation of each lot (saturated or completely sold) with respect to the original quantity loaded and the total quantity delivered for each product.

Change Batches										
Supplier:		Internal Batch:								
Product:	FERRERO FIESTA	From Expiry Date:								
Supplier:		To Expiry Date:								
Batch table:										
Supplier Batch	Qty Delivered	Supplier Ref./Batch	Supplier Batch Qty	Expiry Date	Location	Int. batch Dep.	Int. batch Arr.	Batching Date/Time	Product	Document
NOT SATURATED 10	21	500		26/06/2020	SC45	9000000001	9000000500	26/06/2019 15:15:36	FERRERO FIESTA	FA 22 26-06-2019 SUPPLIER N. 1
NOT SATURATED 0	B2	500		26/06/2021	SC46	9000000501	9000001000	26/06/2019 15:15:36	FERRERO FIESTA	FA 22 26-06-2019 SUPPLIER N. 1
Batch handling list:										
Delivery Date	Site	Quantity	Operator	Dispenser	Route	Internal Batch	Description			
26/06/2019	CUSTOMER 4 SITE 6	10	SALE/DIRECT DELIVERY	V/M 36	22	9000000001	LOAD V/M			

It should be noted that the batch management function allows to check the lots with different filter criteria, quickly identifying any lots to be checked and their situation both indicating the original supplier lot, and the internal lot, and filtering by supplier and / or product, and finally based on the fact that the expiry date falls within a certain interval.

Supplier:		Internal Batch:	
Product:		From Expiry Date:	
Supplier:		To Expiry Date:	

In the upper grid a row is displayed for each subdivision operation based on the rules described above; in substance, GD creates a row, and therefore one or more internal lots, indicating the first and last one in the relative columns, for each lot supplier of the product. Among other things, if you have not selected a specific internal lot, it is also possible to modify the contents of some columns from this grid (Expiry date, location etc.).

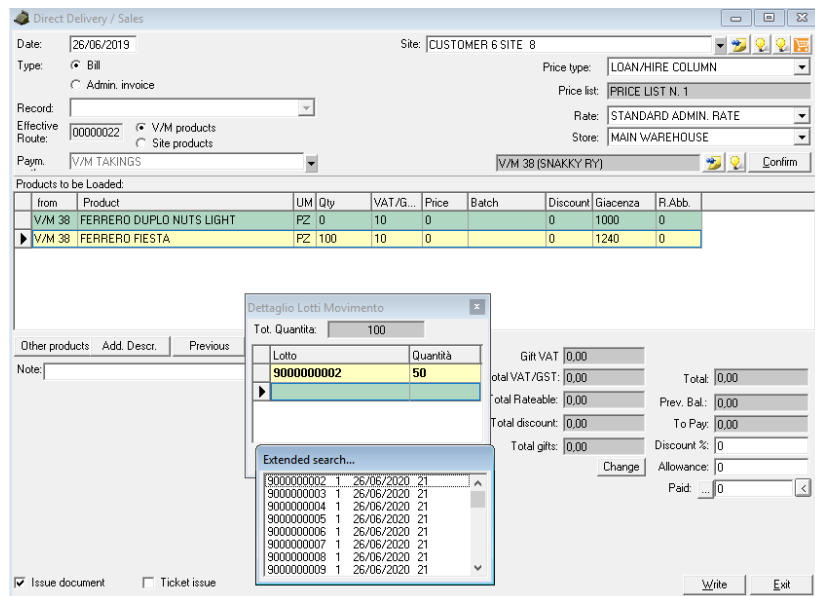
Loading products in the van

On the window loading products in the van, for those who manage the lots, the expected Lotto column is visible, which can be used if in the van you are sure that goods are present only from the lot entered. On the terminal when the product is delivered, to which the lot number has been pre-entered, this will automatically be inserted in the lot field; while for those who manage the assignment of the lots from the corresponding drop-down menu all the unsaturated lots on the warehouse will be visible. This automatic entry of the lot is valid only for the customer sites included in the route and for products already enabled on the dispenser.

Use Lots for Sale Direct Delivery

If one or more lots have been generated for a product listed in the Products to Load grid on the Sale / Direct Delivery form, one or more lots can be associated with the sale.

To access the Lots selection screen, select the cell in the 'Lot' column and type send (or alternatively double click with the left mouse button).



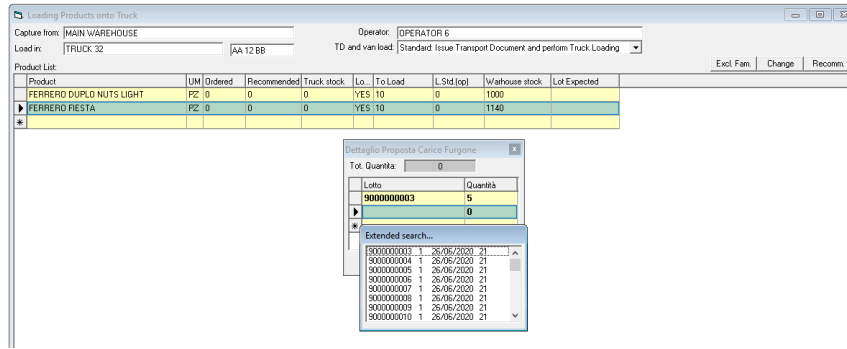
The screenshot shows the 'Direct Delivery / Sales' window. The 'Products to be Loaded' grid is visible, with columns: from, Product, UM, Qty, VAT/G..., Price, Batch, Discount, Giacenza, R.Abb. The grid contains two rows: 'V/M 38 FERRERO DUPLO NUTS LIGHT' and 'V/M 38 FERRERO FIESTA'. The 'Dettaglio Lotti Movimento' dialog box is open, showing 'Tot. Quantita: 100' and a table with columns 'Lotto' and 'Quantita'. The table contains one row: '9000000002 50'. Below the table is an 'Extended search...' list showing a list of lot numbers and dates. The 'Write' button is highlighted.

The selection procedures for the lots are identical to those described for the Order Requests.

Use of Lots in Van Loading

If the batch management is enabled, during the start-up procedure, in the product loading form in the van, in the grid 'Product List:' the 'Planned Lot' column is available.

To access the Lots selection screen, select the cell in the 'Planned Lot' column and type send (or alternatively double click with the left mouse button).



Loading Products onto Truck

Capture from: MAIN WAREHOUSE
Load in: TRUCK 32
AA 12 BB
Operator: OPERATOR 6
TD and van load: Standard Issue Transport Document and perform Truck Loading

Product List:

Product	UM	Ordered	Recommended	Truck stock	Lo.	To Load	L.Sd.(op)	Warehouse stock	Lot Expected
FERRERO DUPLO NUTS LIGHT	PZ	0	0	0	YES	10	0	1000	
FERRERO PISTA	PZ	0	0	0	YES	10	0	1140	

Seleziona Proposta Cancele Furgone

Tot. Quantita: 0

Lotto	Quantità
9000000003	5
	0

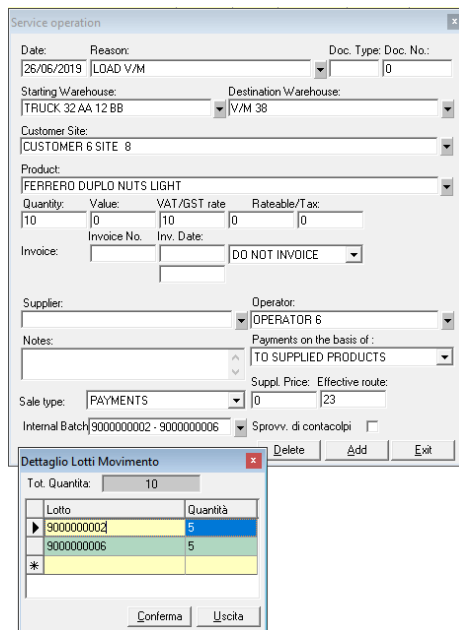
Extended search...

Lotto	Quantità
9000000003	1
9000000004	1
9000000005	1
9000000006	1
9000000007	1
9000000008	1
9000000009	1
9000000010	1

The procedures for selecting the lots / lots are identical to those described above except for filling in the quantity in detail lots: in this case the quantity is ignored, it is sufficient to leave the value at 0.

View and modify Lots in Revision movements

From the Motion Review Mask you can access the Lots Detail form by selecting the 'Internal lot:' box and pressing the enter key or by pressing the search key next to the box.



Service operation

Date: 26/06/2019 Reason: LOAD V/M Doc. Type: Doc. No.: 0

Starting Warehouse: TRUCK 32 AA 12 BB Destination Warehouse: V/M 38

Customer Site: CUSTOMER 6 SITE 8

Product: FERRERO DUPLO NUTS LIGHT

Quantity: 10 Value: 0 VAT/GST rate: 10 Rateable/Tax: 0

Invoice: Invoice No. Inv. Date: DO NOT INVOICE

Supplier: Operator: OPERATOR 6

Notes: Payments on the basis of: TO SUPPLIED PRODUCTS

Sale type: PAYMENTS Suppl. Price: Effective route: 0 23

Internal Batch: 9000000002 - 9000000006 Sprov. di contaccolpi

Dettaglio Lotti Movimento

Tot. Quantita: 10

Lotto	Quantità
9000000002	5
9000000006	5

Conferma Uscita

How to cancel a Lot

In some situations or in the first periods of use of the batch management functions, as long as the mechanism is not fully operational in the company, discrepancies can arise between the data for the development and the lots entered by the operators. To this end, the possibility of canceling lots even if they have been moved has been included in the batch management, automatically eliminating both the parceling record and the references to it in the movements.

The cancellation should be done only on lots that are not moved on routes that still have to be recharged by the terminals. Since GD is not able to know which lots are possibly moved in the routes still to be recharged in the terminals, it is advisable to perform the operation with closed routes or alternatively, to check that the reloaded movements are not eliminated lots (if that were the number lot can be canceled in the transaction review).

This operation in addition to canceling the allotment record also cancels the lot number in the archives where it is present (movements and orders [in practice it completely eliminates the lot from GD]).

If the internal lots are used, the cancellation will include all the lots from "Lotto int. Part "a" Lotto int. Arr. "(It is not possible to delete a single internal lot).

If you use supplier lots, you have to be careful that if the same lot is present in more records they must be deleted one by one manually.

To delete a lot, select the relative line, in batch management, and press CTRL + DEL.

NOTE: *In the records of "purchase from supplier" if in the single document for the same product you have two or more parceling records and one of them is deleted with the function described above, the purchase document will no longer be editable until all individual product subdivision records will be deleted.*

Print function only batch deadlines

This feature has been added to allow companies that do not wish to completely manage the traceability / lot features offered by GD, which allow individual product deliveries to be tracked with batch / expiration date to individual dispensers, to have an aid in traceability management anyway.

In this mode, GD does not have to memorize the lot it belongs to in the delivery transactions, but uses the information entered when entering the purchase lots based on the supplier, to produce a print of products that must be kept under control at the start of the journey. or picked up, based on a range of days that can be specified by the user.

In practice, the functionality makes it possible to obtain the list of expiring / expired lots, with respect to the start date of the route, thus bringing to the attention of the operator which products could be withdrawn or otherwise to be delivered with precedence over the others.

Obviously, since in this mode the operator does not enter the lot when the individual product is delivered, the lots are always open (ie they are not saturated by hand from deliveries), but are excluded from printing based on the expiry date .

The number of days entered is treated as delta +/-, considering the date of the route. So if you set a value of 15, the program will print, only those that respect the date of the route, expire within or have expired from 15 days.

To enable this mode, in the batch management (Options C of the general settings of GD Admin) the Print only deadlines item and specify the number of days for which you want the program to print the information, based on the date of the route.

It is also possible to set the print frequency of the expiring batches: you can choose print every day, or you can choose the print day so as not to have a print at each route start.

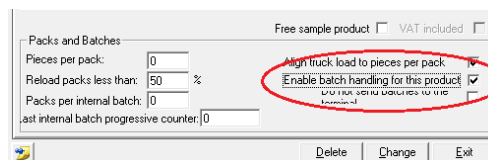
Assignment of delayed lots Deferred

The 'Lots Assignment' function, accessible from the GD Admin Management menu, allows you to assign deliveries to the lot number (obviously, in order to be used, it assumes that the load of the van and consequently the actual delivery of the product has actually taken place with the planned lot that is imputed en bloc by this function).

The new screen is used to assign lots to products delivered in one or more closed routes.

The first thing that is required is the date of the routes to be taken into consideration (the highest date relative to the routes already closed is proposed automatically).

From this version it is possible to deactivate the sending of lots of specific products to the terminal. The function is useful when the subdivision of many products is managed, but the lot is assigned in a postponed manner to the route instead of being chosen for delivery by the single operator. In these cases there is no need to send the list of open lots to the handheld and the operator can deliver the product in the traditional way, except that the lot used is subsequently assigned through the appropriate GDAAdmin / Management / function Postponed lot assignment. To deactivate the sending of the list for a subdivided product it is sufficient to go to the BOM / Lots folder of the product card and tick the appropriate check "Do not send lots to the terminal"



The screenshot shows a software window titled "Packs and Batches". It contains several input fields and checkboxes. A red circle highlights the checkbox "Enable batch handling for this product", which is checked. Other visible fields include "Pieces per pack" (0), "Reload packs less than" (50 %), "Packs per internal batch" (0), and "Last internal batch progressive counter" (0). There are also checkboxes for "Free sample product" and "VAT included". At the bottom, there are buttons for "Delete", "Change", and "Exit".

Logic of the automatic registration of the dispensers

Whether you use the single card creation mode of the installations, or you choose to use the Installation Configuration (accessible from the GD tools menu), you can use this function to facilitate the assignment of serial numbers for companies that are starting to use GD. This is particularly useful for companies that do not already have their own registration system for dispensers, they want to use GD itself to automatically generate the dispenser serial number as new machines are inserted.

The serial number generated by GD is composed of a fixed part, the identifier x automatic serial number itself, and a variable part, consisting essentially of a number, and possibly formatted with the characters of your choice: the number is automatically calculated by GD increasing by 1 the latest serial number available for that type and with that identifier.

The possibility of entering characters indicating how many numerical digits are desired has been introduced to avoid, if desired, serial numbers of the type BLT-1 BLT-2 BLT-11 which, due to the type of sorting in GD, would be listed as BLT -1, BLT-11 and then BLT-2 and not as one would expect BLT-1, BLT-2 and BLT-11. This can be solved by setting 3 for example as n. figures for which the aforementioned registration numbers would be BLT-001, BLT-002, BLT-011 in compliance with the order. If, on the other hand, you do not indicate how many numerical digits you want, the numeric part will not have "0" characters added.

Note that the automatic serial number will be assigned only if a new dispenser is inserted when the Add button is pressed; However, GD will carry out the check to avoid duplication being entered for any reason. If the Type x automatic registration number is not specified in the type of dispenser, the serial number will not be generated automatically.

Let's look at some examples:

If for the BLACK TOWER machine as identifier x automatic serial number BLT- is indicated and 5 numeric digits are set, the first serial number generated will be BLT-00001, the second BLT-00002 and so on.

If, instead, the identifier x automatic serial number for the same machine is indicated BLT- and 0 numerical digits are set, the first serial number generated will be BLT-1, the second BLT-2 and so on.

If, on the contrary, for Astro dispensers, the ASTRO string is specified as the identifier x automatic serial number and 6 numerical digits you will have 11-digit serial numbers consisting of ASTRO + the progressive number formatted with zeros on 6 digits, or 000001 for the first machine.

Automatic registration V/M

From the Management menu of GD Admin it is possible to access the Automatic registration V/M function: this function allows you to record the purchase of a certain number of machines by copying an already registered and existing one in storage. If you do not use the automatic registration and there are no relevant parameters in the V/M type, you can still use the function by entering it by hand (the system checks not to overwrite any existing serial numbers). In practice you must:

- 1) Choose a serial number for purchase: from this the type and all other information on the dispenser will be derived.
- 2) Choose an identifier (fixed part type "BC1") and a number of digits, it is proposed what is set in the automatic registration, but it can also be changed.
- 3) Choose the number of the starting serial number.
- 4) Choose a number of machines to be created.

Logic of the withdrawal of dispensers in storage

Since for the withdrawal of the dispensers, in particular to total beats or delivery, it may be necessary to be able to carry out the last collection and the last detection of beats with the dispenser already withdrawn, and the withdrawal TD already issued, at the time the withdrawal of the dispenser is set on the dispenser card the history of the dispenser is updated, but the dispenser is not physically moved into the warehouse until the route is reloaded (ie the site must be entered on a daily route and must be visited); since if the tour is reloaded, but the site is not visited, the dispenser will still be to be withdrawn).

This means that the dispenser, even if withdrawn, is sent anyway in the route where it is inserted and therefore it is possible to record the beats and the data of the last visit. This also allows you to enter a customer request for the withdrawal of the dispenser.

To prevent improvised changes, when the operator sets the withdrawal, on the dispenser card, and confirms the registration of the stage in the dispenser's history, the dispenser's history is recorded, but in reality although the dispenser is not visible on the mask, the dispenser remains set on the site until a tour is completed with a visit to that site. At this stage, ie before the withdrawal is confirmed by the visit, the status of the dispenser is blocked on Withdrawal. The payments and Billing boxes are blocked to avoid inappropriate changes. The mask is released only when the dispenser is actually withdrawn with the visit.

If for some reason the withdrawal setting has been made incorrectly, just re-open the dispenser and delete the withdrawal item from the dispenser's history: after having memorized, the dispenser will return to being installed in the original site (this obviously until it is inserted in a route, after which the card is locked, it is not possible to make any changes).

In order to check for any inconsistencies between installations and withdrawals it is possible to print the **Inconsistency List between the dispenser and the history of the dispenser**, accessible from GD Admin, Print, Checklists, List of installations and withdrawals to be performed. *(If you enter a posthumous withdrawal by hand the box is not visible but holding down the CTRL on the addition of the stage of the story is ticked anyway. Otherwise it is necessary to re-enter the V/M form and to execute otherwise it remains as withdrawal suspended. in case of correction of a withdrawal, when the stage of the story is opened the Shift key is kept pressed the previous site in the withdrawals can be modified).*

It is also recommended to periodically check the prints of the withdrawals to be performed and of the installations to be performed, accessible from GD Admin, Print, Checklists, List of installations and withdrawals to be performed, to always have an updated situation of the dispensers to be installed and to be withdrawn.

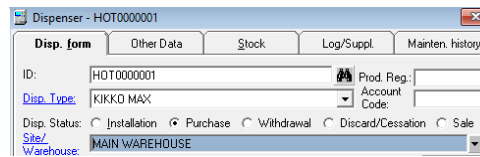
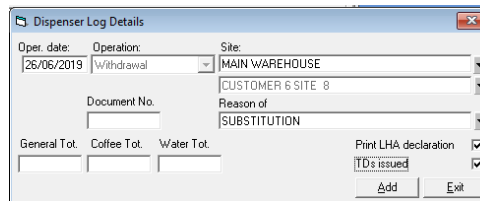
Dispenser replacement function

In addition to installation and withdrawal, it is possible to replace a dispenser, both on a PC and on portable terminals. Basically it is a withdrawal and a consequent installation connected to the withdrawal itself, ensuring that when the operation is performed, some data (for example the location) are automatically copied from the old to the new machine. This operation can be preset by the PC (typically in the case of vending with traditional machines) or, if the synchronized products / serial numbers management is used, directly on site by the operator with the palmtop (typically for pod and beverage machines).

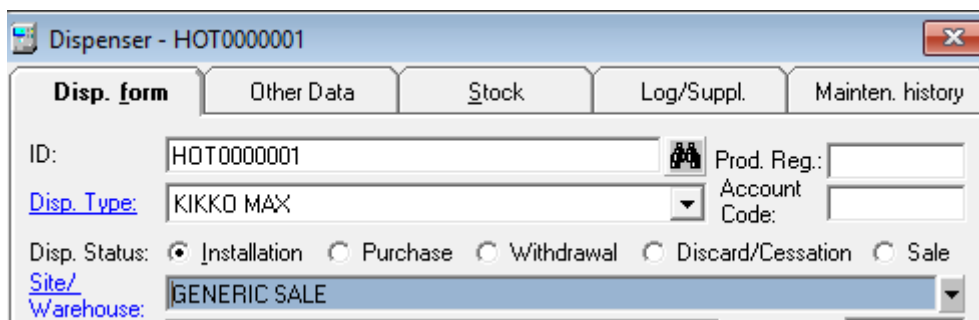
Replacing the dispenser from the PC

In the replacement made on site and then programmed by the PC, the operating flow is:

1) In the V/M form, the withdrawal of a dispenser is recorded (the "Executed" box in the operation of the dispenser history is not visible)

2) In the card of the new V/M the installation of the new dispenser is carried out *and it is indicated which V/M is replaced by choosing from the list of those withdrawn from the same site whose withdrawal has not yet been executed* (the "Executed" box does not is visible).



3) By re-opening the installed dispenser card, GD proposes some data taken from the dispenser withdrawn, and in particular:

- the products that were enabled on the retracted dispenser are also enabled on the installed one, as long as they can be activated (ie foreseen by what indicated in the type of dispenser
- the type of payments, the administration / billing option and any billing rate
- the location of the dispenser

These data can of course be modified at will and will be recorded at the press of the appropriate button

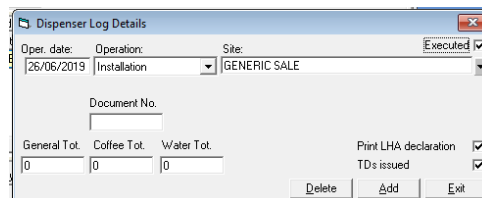
4) If the withdrawal operation of the old V/M and of the installation of the new V/M is confirmed with the passage of the operator on the palmtop, the reloading of the route automatically ticks the “Executed” box. The products that the operator may have uploaded / delivered during the visit are also enabled on the new dispenser.

5) If in reality the replacement has already been carried out, it is likely that you proceed manually and directly on the PC, reopening the installed dispenser and then the installation step in the dispenser History and confirming the installation by checking the "Executed" box . This automatically sets as performed also the relative withdrawal stage in the history of the retired dispenser.

If we proceed with the issue of a TD Pro / forma, the installation and withdrawal are checked and the products are not modified by the procedure.

The documents relating to the replacement are produced at the start of the journey as always, based on the installation and collection data.

In any case, by reopening the collection or installation card, the Executed box is also visible and checked.

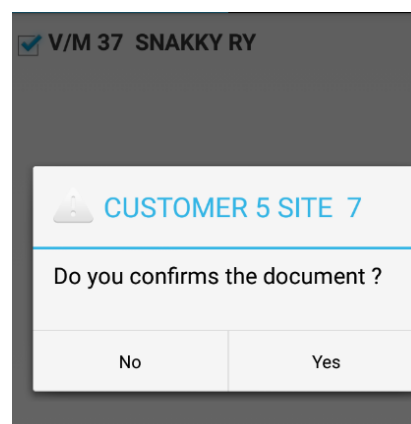
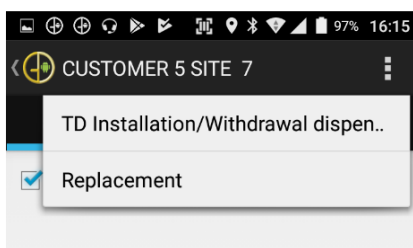
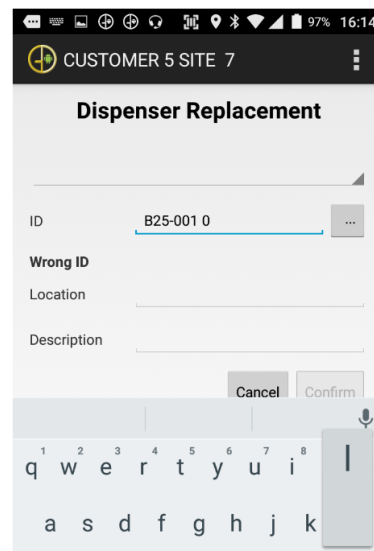
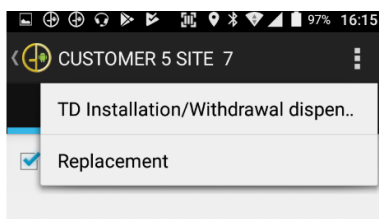
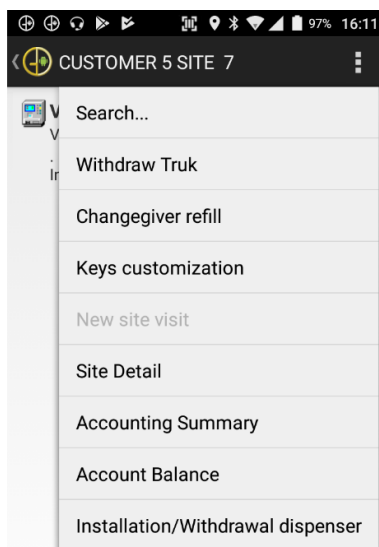


Replacing the dispenser from the PDA

When replacing from the PDA, the logic is the same as above, but the operation is possible only if the synchronization of the products / serial numbers (see GD manual) is managed: the loader opens the replacement mask and selects the dispenser from pick up and the new one to install, according to the logic always present in GD. At the time of confirmation the salient data (type payments, invoicing, location and list of deliverable products, are copied from the old to the new dispenser). If you have a printer, it is possible to issue a withdrawal TD and an installation TD even for more than one dispenser.

Naturally, the products that the operator may have uploaded / delivered during the visit are enabled on the new dispenser.

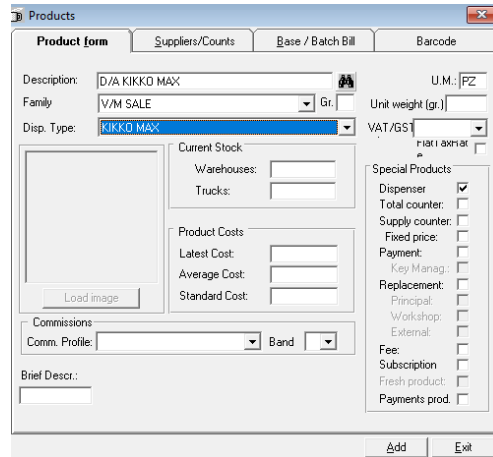
On the Android handheld / smartphone the replacement looks like this:



Dispenser sales logic

Sale of PC dispensers

In order to place a vending machine sold to a customer, first of all it is necessary that the product is present in the product archive; to create the dispenser product, open the Products tab and go to the item dispenser special product in order to display the type of dispenser that will allow you to choose the Type you want to sell, the dispenser family, description and unit of measurement fields will be filled out and will be needed set VAT only.



Furthermore, since the sale of dispensers is managed by customer requests, it is necessary to activate Management of multiple customer requests on GDAdmin, Tools, General Settings, Options A.

In practice, when the dispenser is set up as sold, a customer request is automatically generated containing the order of the dispenser product. This makes it possible to manage the sale of the dispensers in a transparent manner by deciding which operator to assign the sale delivery operation without the dispenser's load taking place in an uncontrolled manner. When the route starts, if the request has been entered, the dispenser product is added to the load and managed like all the other products ordered; obviously because it can be loaded from the depot at the start of the route, the dispenser must be inside the depot itself, otherwise it will not be possible to enter the request to the route.

It should be noted that the sale operation is checked as performed in the dispenser's history when the dispenser product is delivered on the daily route and therefore the request with the order is satisfied.

NB: If the sale in the history of the dispenser is reopened and checked as Executed (typically if the sale and its delivery have already been made), the program automatically eliminates the request with the order of the product, also because otherwise it would be necessary to make a second delivery that no longer makes sense if the sale was made.

Sale of dispensers from the handheld

In addition to the above, it is possible to sell a vending machine directly from the handheld, as is the case for installations and withdrawals *for this purpose, see the paragraph Issuing TD of Installation and withdrawal from the Terminal*

The sales screen of the dispenser (accessed from the Sale menu from the Site Detail tab) is similar to the Installation / Withdrawal tab, and requires the operator to enter the dispenser serial number in the appropriate box and pressing the button with the three points verifies its actual presence and allows

you to enter the operating mode (Administration or invoicing and VAT rate). Since the sale does not automatically generate a delivery note such as installation / collection, when the mask is closed the operation is automatically registered. The delivery of the product is done automatically and from the Site Summary it is possible to issue the TD or the Invoice. This allows you to directly deliver products on the newly sold dispenser also issuing the invoice or the TD related to both the dispenser and the goods.

NB the sale on the PDA is active only when the synchronized management of products / serial numbers of dispensers is active, read the following carefully.

Logic of the synchronized management of products / serial dispensers

numbers ofGD allows you to always manage a generic product / dispenser for each type of dispenser, which is used to record the sales movements of dispensers, however the product typology does not represent a specific dispenser but generically machines of that type; starting from version 5.0 it is possible to activate the automatic management of individual dispenser serial numbers as warehouse products.

In practice, for each dispenser GD will automatically create a product called "D / A + dispenser serial number + machine type" (which remains hidden and cannot be modified from the product sheet) of which the stock is stored and the movement is tracked through specific movements automatically created for each displacement operation of the dispensers. In practice, all this management takes place transparently for the user, in the sense that by moving a dispenser (installing it, withdrawing it or selling it) the relative movement will be automatically generated so as to have visible in the deposits the stock of the products / dispenser.

It should be noted that the movement (installation / withdrawal / sale) of the dispenser (and therefore the updating of the stocks of the deposits involved) takes place when the operation is actually performed automatically when reloading the route or by manually checking the box made in the dispenser history.

Once this function has been activated, it is possible at the start of the route to load the actual serial numbers that the operator has in the van at the start of the lap and then install them or sell them to the customers. The installation / collection and sale functions (added in 5.0) of the vending machine also move the products / serial number of the dispenser and therefore both on the palmtop and in the van loading and in the related printouts it is possible to view the dispensers as in-stock products.

The following describes how to activate the management and how this changes the functionality of GD

First activation (activation of complete history or only of the current situation)

First of all it is necessary to create a special product family (which we could call for example SERIAL V/M) in which products will be created automatically / serial number from GD.

To activate the function it is necessary to call up the GDAdmin options with the CTRL key pressed so as to make the Automation window accessible and specify the newly created family in the "Family Products-dispenser Number" box.

ATTENTION: At the time of registration, GD will request a specific confirmation of activation and then allow you to choose whether you want to generate the history of all the movements of the dispensers or only for the last stage.

If the history of the dispensers has been managed correctly over time you can confidently confirm and then generate a warehouse movement for each item in the dispenser history. If instead in the past the story was not memorized in a timely manner or was entered manually and only partially, answering No the handling will be generated only for the situation today ignoring the previous stages. In practice, GD for each item of purchase, installation, withdrawal, etc. generates a warehouse movement that moves the stock of the same dispenser between deposits and sites (the dispensers in stock and in special warehouses and vans are visible at the end of the normal stock). This determines the fact that if two consecutive withdrawals were entered manually in the history, the stock of that dispenser in the warehouse will be double.

The automatic warehouse movements are visible but not modifiable in Revision of movements and can also be consulted by GDAdmin - Management - Detail of Warehouse Movements.

NB: At the first activation the procedure sets as performed all the installation / withdrawal operations preceding the situation currently visible on the dispenser card, since otherwise at the time of the future passage of the operator movements of incorrect dispensers would be created. Therefore any installations and withdrawals of current dispensers are not modified.

Stock deposits and warehouses

Going to the inventory tab of the various warehouses and special warehouses, it will be possible, in the end of normal products, to see the dispensers that are present in the warehouse like all other products with stock (not modifiable) equal to one.

Starting and managing the route on the PDA

When starting the route, it is possible to specify which freshmen actually load onto the van by adding the related products to the van load. These products are loaded onto the van itself and treated in the same way as the others, so they are present in the van and in the inventory, until installation or sales operations are carried out on the handheld. In the event of a withdrawal, the dispenser serial number is displayed with a stock equal to one in the load as the dispenser having been withdrawn is recharged on the van.

Immediate reintegration of the products / dispenser

If the operator returns to the departure depot during the journey to load other machines, it is possible from the Immediate Reintegration function, to register the reintegration of the product / dispenser serial number and proceed with the installation or sale as desired.

Dispenser sales

In this case it is possible for the consignee to sell specific products / serial numbers directly to the customer if desired, also issuing the delivery note or the relative invoice. The document is not issued by the sales mask, but the sold dispenser product is automatically inserted in the delivered and therefore it is possible to enclose the machine and any products delivered in a single delivery note or invoice.

Sale price of dispensers

If you wish to use the new products / dispenser serial number to sell the dispensers, you must keep in mind that the sale price must be entered on the product Generic dispenser type in the Sale

(Billing) column in the customer's price list (or anyway in the general price list, which is used in the absence of a specific price on the customer.) This means that also for the sale of the dispensers / products it is necessary to have created the product type generic dispenser (from the product sheet by marking the box special products dispenser) and have assigned a specific sale price. This allows you not to have to specify in the price list a specific sale price for each matriculation number (and in fact the matriculation products are not visible in the same price list)

Van Inventory Alarm

To remedy problems deriving from the inventory of dispenser products, at the time of registration of an alarm that changes the quantity of a dispensing product (as the inventory does not coincide with what is detected on the van itself) a warning message will be displayed and no automatic movement will be entered. **It will be the task of the operator to go and fix the situation based on what really happened.** Previously, the failure to detect the dispenser on the van, perhaps linked to an ad hoc manual management despite having loaded the product on the van, could create discrepancies in the warehouse due to the automatic movement performed by the program.

Logic of LHA declarations

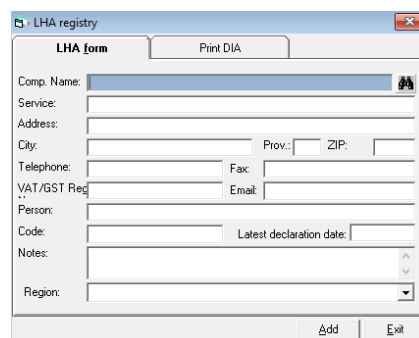
One of the obligations to which the operator must provide is to draw up a declaration for the competent LHAs in the area where it operates, containing the list of machines that are installed and removed from customers. In the history of the dispenser, GD keeps track of the movement of all the machines, then by selecting the LHA declaration issuing form, the system automatically creates a letter containing the necessary information.

For LHA declarations it is possible to indicate in each type of dispenser the type of products managed (Hot, Cold, Solid) and in each dispenser it is possible to specify the connection of the dispenser to the water network or the use of an internal tank / tank. If these data are not entered in the type sheet and in the dispenser card, the declaration will not contain this information, but in any case will show the list of installed and withdrawn dispensers.

To issue the LHA declaration, once the table has been filled in LHA **Master data** and the LHAs assigned to the relevant Customer Sites, it is necessary to access from the Print menu of GD Admin under the item LHA **Declarations**, from here it is possible to select the LHAs for which you want to issue related statements, and once printed they can be reprinted from issued documents.

Personal dataASL

Table, **Personal data LHA** accessible from the menu Tables GD, used to manage the local health authorities in the area where work management. The card contains personal data that are used in the printing of the Declaration relating to installations and withdrawals. In the Customer Site tab it is necessary to indicate the competent LHA for that customer site.



The screenshot shows a software window titled "LHA registry". It contains a form with the following fields: "Comp. Name:" (with a dropdown arrow), "Service:", "Address:", "City:", "Prov.:" (with a dropdown arrow), "ZIP:", "Telephone:", "Fax:", "VAT/GST Reg.:", "Email:", "Person:", "Code:", "Latest declaration date:", "Notes:" (with a text area), and "Region:" (with a dropdown arrow). At the bottom right of the form are two buttons: "Add" and "Exit".

To *add* an LHA fill in the required data and press Add.

To *modify* or consult an LHA, go to the Rag field. Soc. And recall the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press *Clear* to delete the entry.

Company name LHA: Key field to search for the LHA entered. Recall the desired item or a list of LHAs to choose from if two or more records are obtained from the specified search.

Press ENTER (or type the first letters of the company name + ENTER) to choose the item of interest.

Typing * COMPANY LHA you get all the suppliers that contain the text "COMPANY LHA" in the business name

Logic of the Automatic Consumption Control

This feature allows you to generate Zone routes in an intelligent and automatic way, starting from the consumption data (or sales, for kit machines or cold for which there are no jokes).

When creating the zone route, GD analyzes, in the context of the selection already made by the operator, the consumption and sales made in the previous visits and determines, based on a complex algorithm, whether each site should be visited or less.

For traditional machines, in particular, the **Automatic Consumption Control** (CAC) considers the number of stages indicated in the general options (they are valid only for those where measurements have been taken from the meters or from the key systems). For the other types of machines, the calculation is made on the basis of the equivalent in theoretical measures delivered to the customer in the interval considered.

At the end of the elaboration of the route, if enabled in the general options, it is possible to obtain a summary of the analyzed sites with indication, for those excluded, of the date of next visit and of the interval in days considered. The **Automatic Consumption Control** is based on the identification of the main product, that is the product most consumed or sold at a specific site, and the maximum quantity of the same product that can be loaded into the dispensers (the system obviously assumes that every time a load is made maximum of product).

Once identified, based on the days of actual opening, taking into account the holidays, if required, and the specific accessibility of the site, the daily average, the system performs, starting from the last load, the projection of the days of autonomy available, determining the date of the next visit: if this date coincides with the generation of the route, the site is included, otherwise No. Note that the dynamism of this system allows GD to take into account any other visits made outside the program (to example a call for maintenance, in which the dispenser has also been loaded).

To understand in detail the mechanism used, a concrete example is proposed:

Let us assume that we need to elaborate the route for 10/05, that the operator has made the last visit to the XYZ site on 04/05, that they have been carried out other loads on 29/04 and 26/04 with detection of the jokes, that the site is closed only on Sundays and that the national holidays are observed (in the case of interest 1/5). 2/5 and 9/5 is Sunday.

When the new route is opened, the **Automatic Consumption Control** will analyze the stage with the XYZ site as follows:

Suppose that the XYZ site has installed an ABC type machine that has run in the interval of interest (04/29 - 04/05), assuming that the number of stages set in the options is 2, the following supplies:dispensing

1) 100 Coffee(from 32700 to 32800);

2) 30 Cappuccino dispensings (from 2200 to 2230);

Corresponding to:

100 Coffee Dispensing (Coffee 7gr.), As indicated in the bill of materials of the dispensing product.

30 Cappuccino dispensings (Coffee 4gr. + Milk 3gr.), As indicated in the basic list of the dispensing product.

Total coffee consumed since the last measurement $100 \times 7 + 30 \times 4 = 820$ gr.

Total milk consumed since the last measurement $30 \times 3 = 90$ gr.

It is determined that the "main product" is coffee (it will probably always be so, but in reality the system will be able to adapt dynamically even to any reality).

In the Type dispenser ABC is stored, in the list of associated products, which is the maximum quantity of each product that the machine can manage. So, for example, if ABC manages 1Kg = 1000gr of coffee.

At this point:

1) GD determines, therefore, that the ABC machine at the XYZ site carried out, in 4 days of actual opening, 130 deliveries that correspond to a use of 820gr of coffee, that is to a daily consumption of 205 gr. of coffee.

2) Based on the maximum load of "main product" in the type of dispenser, GD can determine how many effective working days the maximum load lasts (*assuming that the machine is always filled to the maximum*)

In our case $1000 \text{ gr. total} / 205 \text{ gr. daily} = 4.8$ (always by default) of autonomy $1000/205 = 4.8 = 4$ days

If the load time is > 12.00 , before the rounding of the days, GD adds 0.5, then $1000/205 = 4.8 + 0.5 = 5.3 = 5$ days

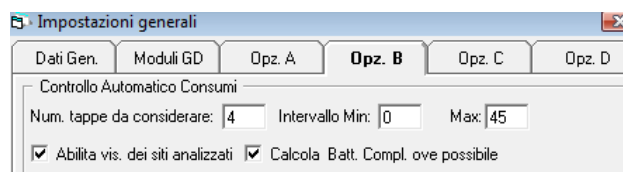
3) GD, knowing the date of last visit and knowing, based on the accessibility of that site, in which in days the consumption actually takes place, can determine the new date of visit: in our case the last date is the 04/05, so the new one is 10/05, skipping Sunday.

Since the date of the visit coincides with the date for which the route is being generated, the stage is included.

Specifications on Automatic Consumption Control (CAC)

Number of stages to consider

Given that, the interval of the Automatic Consumption Control, must be set in *GDAdmin Tools General Settings Option B*,



we observe that, if the interval of the Automatic Control is 4 steps, the consequences of behavior, depending on the case, would be those listed below:

- if there are no visits, the site is added to the route or to the press on the control of the ACC with the words insufficient data

- if there is a visit, the site is added to the route or print on the ACC control based on the recharge interval specified in the Other Data tab of the dispenser table. On the print by Admin the interval considered is shown and the date of expected visit, highlighted, as in the other cases, by a double "!" If the date had expired. It is also highlighted that only one stage has been considered

- if there are 2 visits to 3 visits (one less than specified), the ACC is executed on the available data, on printing from Admin the number of stages considered is highlighted

- from 4 onwards all data is available and the check is complete.

NB: The use of the Automatic Consumption Control function from the Add Cap could lead, in some cases, to a different date of visit, compared to what is reported in the print of Admin, because, in "Add Stages", GD takes into account, according to the known modalities, also the days set in the eventual reason for the refusal and the relative displacement.

Maximum and minimum interval

It is also possible to set, in "Options B", the values **MaximumInterval** and **Minimum** that can be used in the automatic consumption control; if these are zero, they will be ignored.

The values of **MaximumInterval** and **Minimum**, for the Automatic Calculation of Consumption, can also be set for single Type of dispenser: if there is a dispenser in the site belonging to a type in

which a limit has not been set, use the general ones in the Settings general, options B; if there is only one dispenser limits set in the type, it applies those of the type, if there are several dispensers belonging to different types, with different limits it applies the limits that give greater "guarantees" therefore the higher minimum limit and the maximum limit more low among those provided for the types installed on the site.

Calculation of Total Measures

This Option, which can be activated in *GD Admin Tools Menu General Settings Options B*, allows you to avoid problems due to the type of calculation performed with the CAC, which starts counting the future days starting from the last delivery date of the product identified as a prince. In fact, this type of count could cause the introduction of a next visit date on a date prior to the last visit.

To remedy this type of problem, thus adding versatility to the CAC, without prejudice to what is known, the possibility of considering the total bars has been added, ie not considering the main product and its last delivery date but the total of the resulting bars. from the value in bars of all products delivered to the customer in the interval considered.

This allows you to logically start from the date of last delivery (regardless of that product) when you start counting the days. This mechanism is valid and used only in the case of presence on the site of only machines with delivered products, since the ACC always works at a global site level. For this reason, if on the same site there are total machines (or Water or Coffee group) and / or dispensing machines, the previous system of the main product is applied anyway.

The same mechanism (calculation based on the measures) is applied automatically, regardless of the general option in GD Admin in the section relating to the CAC, in the event that the identified main product is no longer associated with any V/M present in the site.

The use of this mechanism (Overall Stops) is highlighted in the ACC press.

For the sake of clarity in the cases in which the Principe Product mechanism is applied, the wording PP has been added, in the cases in which the Overall Beat mechanism is used, the wording BC is used.

Max Quantity Corrector (CAC)

On the "dispenser" table, "Inventory" folder, it is possible to set the maximum quantity correction parameter of the Automatic Consumption Control to parameterize the maximum quantity of the main product in percentage terms. Since the value should be expressed as a percentage, if you wanted to increase it by 10%, you will have to write 1.10, and if you wanted to reduce it by 1%, you would have to write 0.90.

CAC Date Processing

In the case where it is necessary to carry out the automatic control of consumption on all customer management sites, it can be performed on GD Admin Management menu ACC Date Processing, the pre-processing of the dates of the Automatic Consumption Control .

This, depending on the amount of data to be processed, could take up to an hour, but it is very useful if you need to automatically check consumption on all management sites.

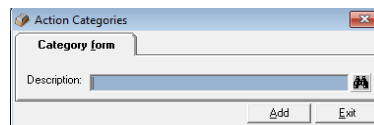
The prints on the ACC and the automatic processing of the zone lap based on the CAC, continue to recalculate everything, not considering the pre-processed dates.

If you want to take advantage of the results of this processing of the Automatic Calculation of Consumption in the Daily Routes, without having to wait for the time required to make a new calculation, simply enable the "Pre-processed" box that will appear in the "Add Stages" screen , after pressing the "Add" button, and confirming with the "View" command button, if a previous ACC Date processing has been carried out, the message shown in the screen will appear, warning that the dates may not be updated if the processing will have been carried out prior to changes made later.

Maintenance Management Logic

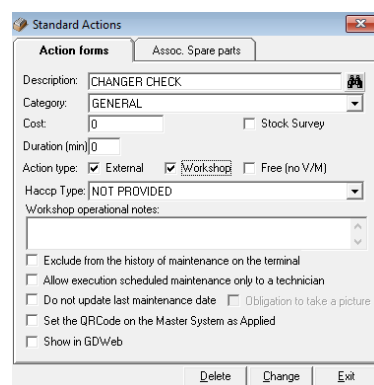
The Actions Category Table

From the GD tables menu it is possible to access the Actions Category table, in which it is possible to define the categories for the different actions and attribute to each action the category to which they belong.



The Standard Actions table The Standard Actions

table, accessible from the Tables menu of GD, allows you to manage standard actions, ie maintenance operations or checks to be carried out during visits to dispensers.



To *add* a standard action, fill in the required data and press Add.

To *modify* or *consult* a standard action, go to the Description field and call up the item of interest. Press edit to record the changes or CTRL + HOME to restore the initial state without recording. Press Clear to *delete* the entry.

Description: Key field to search for the entered actions. Recall the desired item or a list of actions to choose from if two or more items are obtained from the specified search.

Press ENTER (or type the first letters of the description + ENTER) to choose the item of interest.

Typing * CONTROL you get all the actions that contain the text "CHECK" in the description.

Category: It is possible to define the categories for the different actions and to attribute to each action the category to which they belong, (which can be entered using the appropriate table **Action Category**)

Cost: Cost of the standard action.

Stock Detection: If enabled, this box associates the standard action with the reminder, by means of a message to the operator, of the need to carry out the survey of the stocks of the products in the dispenser.

Time (minimum): Minimum time to perform the standard action.

Type of Action: Each action can be External (operational for the terminals) and / or Workshop (actions that can only be attributed in the Workshop Management functions). The latter can also be defined as Free, that is it is possible to insert them in the workshop management but without

associating them to a specific dispenser, and they are used to insert generic tasks performed by the technicians.

Operative Notes Workshop: It allows to insert eventual notes for the management of the maintenance in the workshop

Type Haccp: it allows to specify if a standard action is also of haccp type (*see Logic of the activities hcccp*)

Associated spare parts

In the associated Spare parts folder it is possible to indicate if it is expected the use of standard spare parts for that type of action and their possible quantity. It is possible to specify up to five products for each share. Spare parts with the relative quantity: when the action is charged, these spare parts will be automatically moved to the workshop management so as not to have to indicate them separately. This movement is also possible directly from the terminals so as not to have to indicate them separately, allowing the delivery of the spare parts associated with a specific action to be performed automatically without first recording the action and then the spare part itself on the terminal, associating them correctly to the lap recharge.

On the terminal, after having carried out a maintenance, to which spare parts have been associated, in the spare parts folder (or when exiting the maintenance) a grid is displayed that shows the list of spare parts connected to the maintenance operations in question.

Since the execution of a maintenance can involve or not the use of the spare part based on the type of action and the specific situation, to allow an easy management the aforementioned grid was introduced without implementing automatisms that performing the action download the / the expected pieces. For the same reason, removing a maintenance the spare part will not be automatically scaled but can be confirmed or not by the above mentioned grid.

(*see also Logic for the management of replacement products*)

Dispenser Maintenance

dispenser maintenance, which can be accessed from the Management menu, provides access to: Maintenance Management, Scheduled Maintenance and haccp Activity

Management Maintenance

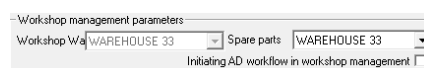
Each management maintenance operation performed by terminal is registered in the dispenser and this card allows easy consultation or even manual entry.

The window is divided into two areas. The upper one allows you to choose the dispenser, the site, the date or the operator, while the lower one, activated by pressing *Open*, contains the list of registrations made.

To *add* an intervention go to the last row of the grid and press New (or double click) or from any position in the table press ALT + INS.

To modify or delete an intervention, go to the line of interest and press Edit (or double click).

The function for entering maintenance operations on a PC (reachable from Management / Maintenance dispensers / Maintenance management) proposes as a deposit the one set as Spare parts discharge warehouse) in the Options C screen of GDAAdmin.



In addition, the spare parts exhaust grille now displays the stock of each spare in the selected depot, so as to reduce possible errors and report any spare parts to be reordered in time. To improve readability the size of the columns is now stored on exit.

Visualization of the history of maintenance on the terminals

It is possible, only for operators having the role of technician, to know the interventions carried out on a dispenser directly on the terminal. The function is activated on the General Settings of GDAdmin, Opz A, under Send to the technicians' terminals the maintenance history; it is possible to choose whether to send the complete list or only a certain number of shares per dispenser (the latest most recent maintenance)

It is possible to exclude specific maintenance actions from sending (through the option on the single standard action: Exclude from the history of maintenance on the terminal) or specific types of dispensers (through the option on the single type of dispenser: Exclude from the history of maintenance on the terminal).

Maintenance can be viewed on the "Maintenance" of the PDA, in the History folder.

The notes recorded by the operators in the maintenance operations previously carried out on the dispensers are sent in the history of the interventions (max. 250 characters) available to the field technician together with the data already present (Date, Action Beats, Operator), under the entry notes.

Scheduled Maintenance

This function checks based on the parameters entered in the different types of dispensers, which of them require intervention for scheduled maintenance. For each machine that needs intervention based on the programmed scheduled maintenance, a customer request is created with the necessary maintenance intervention, which can, at will, be included in the daily routes.

NB The scheduled maintenance in stops, for Total Beat / Coffee group Counts / Water group stops, uses the appropriate counter; for dispensing machines if there is a BAT.TOT counter. V/M enabled on the dispenser use that, otherwise use the sum of the readings of the dispensing products (obviously excluding BATT.TOT. V/M)sheet

Dispenser technical

From version 5.8 further technical information on dispensers has been made available with a series of accessory data, in order to be able to print a complete technical sheet of the dispenser and store it in PDF format eliminating paper duplicates.

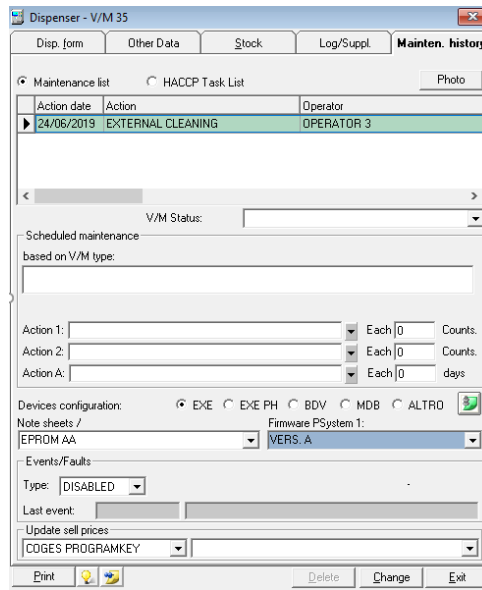
The card is divided into sections and also consists of some standard data that has always been present in the dispenser Card; for convenience it also contains the references of the V/M with which the dispenser in question is possibly connected in battery.

Scheda tecnica distributori

Cliente		Sito	
Marca NECTA	Modello ASTRO	Matricola Costruttore 34901962	ID AST-110002
Batteria	ID Master	ID Slave1	ID Slave2
Serratura ☒ Lineare ☒ Rotativa ☒ Riprogrammabile		NumeroChiave	Firmware d/a EPROM 2345/67
SISTEMA A CHIAVE ECS COGES	Agg. prezzi Manuale COG00110002	Firmware VERSIONE AB1	Bus: EXE
VALIDATORE VALIDATORE			
Configurazione tubi STANDARD 54€		TipoContacolpi CONTACOLPI MECCANICO 0	
T1: €0,05 20 T2: €0,05 20 T3: €0,10 20 T4: €0,50 20 T5: €1,00 20 T6: €2,00 10			
Stato macchina RICONDIZIONATA		Alimentazione ☐ Decontatore RETE IDRICA	
Depurazione DEPURATORE RESINA		Intervallo previsto BATTUTE: 50000	
Alimentazione elettrica ☒ 10A ☐ 16A ☒ INDUSTRIALE ☐ SCHUKO			
Note tecniche MACCHINA DOTATA DI INTEFACCIA SERIALE			

Prodotto	Prezzo	Linee
EROG CH.21 CAFFE'	0,28	11
EROG CH.22 SOLUBILE	0,28	12
EROG CH.23 BICCHIERE	0,03	13
EROG CH.24 ACQUA	0,05	14
EROG CH.25 CAFFE' 2	0,33	15
EROG CH.26 SOLUBILE 2	0,38	16
EROG CH.27 SOLUBILE EXTRA	0,40	17
EROG MON.11 CAFFE'	0,30	1

The compilation of some of the new fields is facilitated as the values can be memorized through a self-completing table, which allows you to insert new descriptive entries or choose one of those already entered previously.



Dispenser - V/M 35

Disp. form | Other Data | **Stock** | Log/Suppl. | **Mainten. history**

☒ Maintenance list ☐ HACCP Task List

Action date	Action	Operator
24/06/2019	EXTERNAL CLEANING	OPERATOR 3

V/M Status:

Scheduled maintenance based on V/M type:

Action 1: Each Counts.

Action 2: Each Counts.

Action A: Each days

Devices configuration: ☒ EXE ☐ EXE PH ☐ BDV ☐ MDB ☐ ALTRO

Note sheets / EPROM AA Firmware PSystem 1: VERS. A

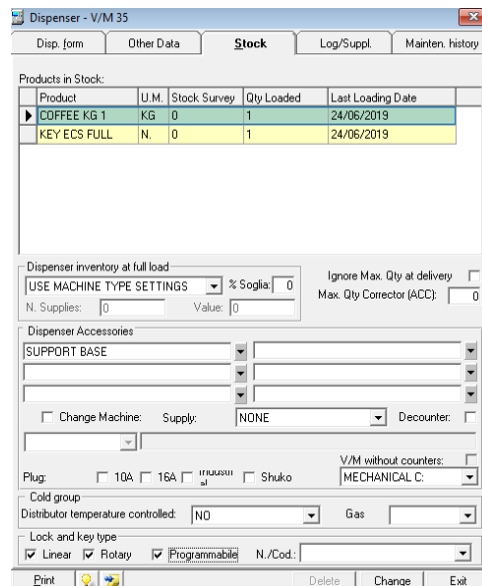
Events/Faults

Type: DISABLED

Last event:

Update sell prices

COGES PROGRAMKEY



Dispenser - V/M 35

Disp. form | Other Data | **Stock** | Log/Suppl. | Mainten. history

Products in Stock:

Product	U.M.	Stock	Survey	Qty Loaded	Last Loading Date
COFFEE KG 1	KG	0	1	24/06/2019	
KEY ECS FULL	N.	0	1	24/06/2019	

Dispenser inventory at full load

USE MACHINE TYPE SETTINGS % Soglia: 0

N. Supplies: Value: 0

Ignore Max. Qty at delivery ☐

Max. Qty Corrector (ACC): 0

Dispenser Accessories

SUPPORT BASE

☐ Change Machine: Supply: NONE Decounter: ☐

Plug ☐ 10A ☐ 16A ☐ Shuko ☐ V/M without counters: ☐

Cold group

Distributor temperature controlled: NO Gas

Lock and key type

☒ Linear ☒ Rotary ☒ Programmabile N./Cod.:

Further fields printed are the **Type of lock**, the **No. / Code Key** (self-completing table), the **Eprom V/M** (previously called "firmware versions" already present in GD as a self-completing table), the **Contacolpi** (which indicates the mechanical or electronic type and prints the value of the last measurement if recorded at the time of installation in "General Tot." in the installation line of the V/M)

The following section lists the information relating to payment systems: the payment system1 (the main one from which the data are acquired, of which theirs printed, **system firmware version 1 (self-completing table)** and the **price update mode** and therefore the other two may be present to identify the type of system a special classification has been added to the Payment Systems table: from this release it has also been added the possibility to define configurations for the coin mechanism tubes Change Giver (for which there is a new special table in Tables called **RR Tubing Configuration**) and each giver-equipped vending machine can be associated with one. Each configuration requires that the value of the coin contained and the number of pieces be specified in each tube (from 1 to 6).



	Tubo1	Tubo2	Tubo3	Tubo4	Tubo5	Tubo6
Valore	0,05	0,05	0,1	0,5	1	2
Pezzi	20	20	20	20	20	10

Valore totale: 54,00

Cancella Modifica Uscita

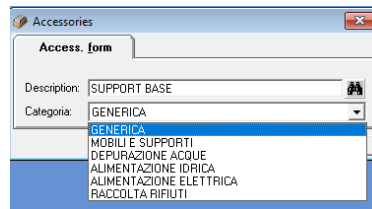
The next section is displayed even further item state / Revision (self-supplementing table) indicating the machine status (freely usable ... for example, to indicate whether the machine is reconditioned and re-branded or similar)

information are also provided Power supply and purification, that is:

Power supply: ticks available for 10A / 16A / Industrial / Shuko

Purification: indicates the type of purifier and the replacement interval.

In order not to oblige to enter other duplicate data, predefined categories have been inserted in the table **dispenser accessories (present in the dispensers menu)**, since very often the type of purifier has already been inserted in the accessories: the accessory of the WATER PURIFICATION category if present in the V/M it is printed. Regarding the number of depuration strokes, the planned replacement action of the purifier has a new check to indicate if it is an action of "SOST. DEPURATOR" and the interval in bars specified (in the type of dispenser and possibly in the V/M itself) is printed as n. jokes.



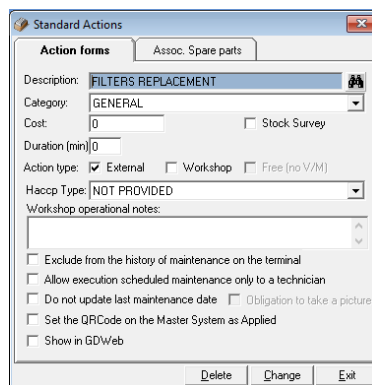
Accessories

Access. form

Description: SUPPORT BASE

Category: GENERICA

☐ MOBILI E SUPPORTI
☐ DEPURAZIONE ACQUE
☐ ALIMENTAZIONE IDRICA
☐ ALIMENTAZIONE ELETTRICA
☐ RACCOLTA RIFIUTI



Standard Actions

Action forms

Description: FILTERS REPLACEMENT

Category: GENERAL

Cost: 0 ☐ Stock Survey

Duration (min): 0

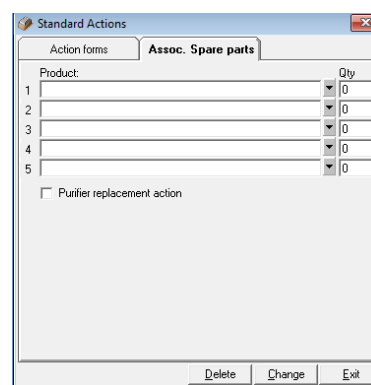
Action type: ☒ External ☐ Workshop ☐ Free (no V/M)

Haccop Type: NOT PROVIDED

Workshop operational notes:

☐ Exclude from the history of maintenance on the terminal
☐ Allow execution scheduled maintenance only to a technician
☐ Do not update last maintenance date ☐ Obligation to take a picture
☐ Set the QRCode on the Master System as Applied
☐ Show in GDWeb

Delete Change Exit



Standard Actions

Action forms

Assoc. Spare parts

Product	Qty
1	0
2	0
3	0
4	0
5	0

☐ Purifier replacement action

Delete Change Exit

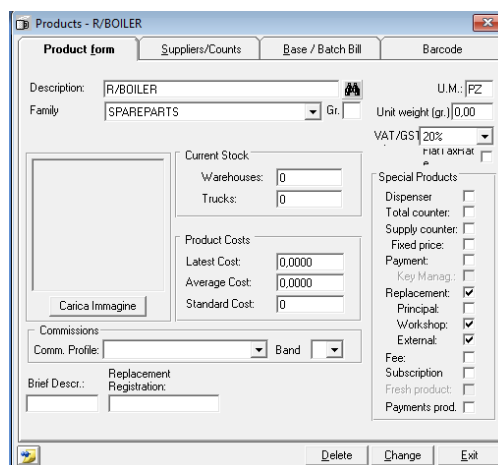
Finally we find the data related to for the cold / id **the refrigeration unit**: print the type of gas used FR12 / R134 / R22 / R404 and a generic field of **the technical data sheet, which is** free for technical notes accessible from the green button in the Maintenance folder V/M database The card can be printed and if the base directory for customer documents in GDAdmin is exported and configured, it is saved in the customer's specific directory (in a way similar to that of the customer contract). If the dispenser is in a warehouse, the directory to save the file is requested.

Spare product management logic

Given that if you want to manage spare parts both from the office and from the terminal, the spare parts must be managed as well as in the spare parts warehouse, also in the Products warehouse, so if you want to keep the two warehouses separate, it will be necessary to carry out a movement between the Parts warehouse and the Products warehouse before starting the journey, of the quantity of spare parts that you want to load on the various vans; so for simplicity the spare parts warehouse could be a whole one with the one produced, since then anyway the movement between the two is a manual operation.

Management of spare parts in GD - Management in the office

Complete the GD product sheet by entering all the spare parts that you want to manage, as belonging to the spare parts family and ticking off the special product. Replacement
If you want to enter the cost of the spare part fill in the field Standard cost



The product Replacement can be:

- **Main:** identifies the main spare parts, ie those that will be transferred as part of the history of the last maintenance operations on the terminals
- **Workshop:** identifies that this product can be used only in the workshop and not in external maintenance
- **External:** identifies that the replacement that can only be used outdoors.

It is possible to simultaneously enable Workshop and External so as to use the same spare part both outside and inside the workshop.

Create the spare parts warehouse from the Deposits menu.

Load the spare parts warehouse of the stocks of the spare parts you have in stock, from the item loading deposit, or from the item purchase from supplier if new purchases of spare parts are recorded. After entering the quantity of spare parts, in the spare parts inventory sheet you can enter the minimum stock that you want to have spare parts, so that if you want you can print the total stocks, or only spare parts under escort.

It is then necessary to enable the spare parts on the type of DA, among the managed products.

On individual DAs we advise you to enable only the spare parts that are actually used on the specific DA.

Going into the management of dispenser maintenance you can select the DA on which you want to perform maintenance, on the appearance of the maintenance intervention card you will have to enter the 'maintenance action and then giving confirmation will be displayed the list of spare parts managed by the selected DA, entering the quantity of the spare and giving addition, the maintenance will be recorded and the warehouse will decrease the quantity of spare parts used.

Spare parts management in GD - Terminal management

Complete the GD product sheet by entering all the spare parts that you want to manage, as belonging to the spare parts family and ticking off the special product Spare

Create the spare parts warehouse from the depots menu.

Load the spare parts warehouse of the stocks of the spare parts you have in stock, from the item loading deposit, or from the item purchase from supplier if new purchases of spare parts are recorded. After entering the quantity of spare parts, in the spare parts inventory sheet you can enter the minimum stock that you want to have spare parts, so that if you want you can print the total stocks, or only spare parts under escort.

It is then necessary to enable the spare parts on the type of DA, among the managed products.

On the individual DAs I recommend that you only enable the spare parts that are actually used on the specific DA.

At the start of the route, in the product loading window in the van, the special spare parts products will be displayed at the end of the list of Products, you can establish the quantity of spare parts to be loaded, unless they have already been entered as a standard load, and the route can be transferred to the terminal.

The operator on the terminal can record in maintenance the action he has taken and if maintenance is associated with the relative spare part, he can also record the delivery of the spare part used; route recharge will automatically record the maintenance and movement of the spare part. (See also Maintenance Management Logic).

Visualization of spare parts on the terminal

If the operator is a technician or a maintenance technician, the spare parts are treated like all the other products and therefore available in the list of the delivered, whether they are sites in the route or free sites.

In the case of an operator who is exclusively a loader / seller, the spare parts are not listed in the delivery of the dispensers but are, if and only if present in the van, available through the Other Products function. In this way the product lists for the loaders are more streamlined, still allowing, if necessary, to load spare parts on the van of any operator and then be able to deliver them.

It should be noted that the parts necessary for carrying out the maintenance operations included in the route are automatically proposed for loading. In the presence of requests for intervention that require the use of spare parts along the route, these spare parts will be displayed in the list of products To be loaded at the start of the route.

Logic of the implementation of HACCP self-control plans

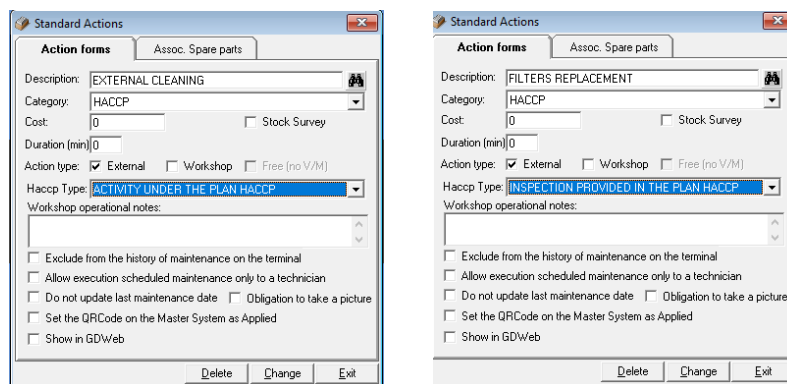
More and more often, a plan for self-control of company hygiene, or a scheme and operating and control procedures aimed at complying with specific quality standards, is implemented within the management. The HACCP system divides the activities in hazard analysis (HA = Hazard Analysis) and in the definition of the Critical Control Points (CCP = Critical Control Point) with the Plan related to the control actions.

Obviously the dangers that can arise in the various phases are mainly microbiological in nature. The presence of dangerous chemical substances in hot drinks can derive both from raw materials (absence is guaranteed by certificates of conformity), from DA components (absence is guaranteed by the manufacturer), and from residues from cleaning processes and sanitization (absence is guaranteed by correct cleaning and sanitation procedures). Obviously the type of shares is directly linked to the dispenser's family and therefore to the type of products it manages.

GD, through the definition of scheduled maintenance procedures, has always provided the possibility of scheduling interventions including control and cleaning operations, however the logic of scheduled maintenance has been designed and best suited for real maintenance interventions, which can certainly be part of activities envisaged in the HACCP plan, but which do not include control phases and / or the possibility of carrying out temperature measurements.

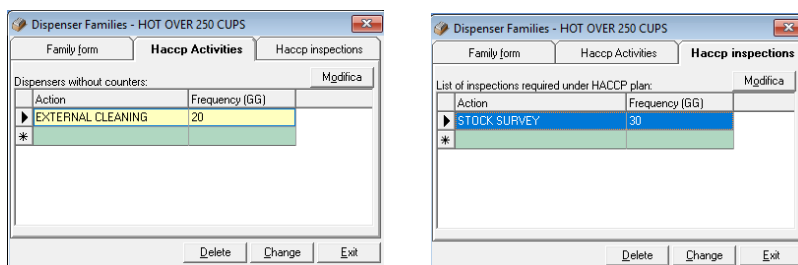
For this purpose, the possibility of creating standard operational and other inspection and control type actions has been introduced in GD with a periodic execution interval that is completely independent of daily routes, scheduled visits and maintenance.

The haccp actions as well as the inspections performed by the inspectors are coded in the standard actions like all the other actions, except that it is possible to identify them through the appropriate haccp type selection window.

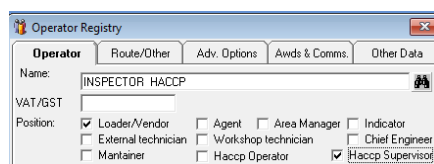


The image displays two side-by-side screenshots of the 'Standard Actions' software window. Both windows have a title bar with 'Standard Actions' and a close button. They contain the same form structure with two tabs: 'Action forms' (selected) and 'Assoc. Spare parts'.
 The left window shows:
 - Description: EXTERNAL CLEANING
 - Category: HACCP
 - Cost: 0
 - Duration (min): 0
 - Action type: ☒ External, ☐ Workshop, ☐ Free (no V/M)
 - Haccp Type: ACTIVITY UNDER THE PLAN HACCP
 - Workshop operational notes: (empty text area)
 - Checkboxes: Exclude from the history of maintenance on the terminal, Allow execution scheduled maintenance only to a technician, Do not update last maintenance date, Obligation to take a picture, Set the QRCode on the Master System as Applied, Show in GD/Web.
 - Buttons: Delete, Change, Exit.
 The right window shows:
 - Description: FILTERS REPLACEMENT
 - Category: HACCP
 - Cost: 0
 - Duration (min): 0
 - Action type: ☒ External, ☐ Workshop, ☐ Free (no V/M)
 - Haccp Type: INSPECTION PROVIDED IN THE PLAN HACCP
 - Workshop operational notes: (empty text area)
 - Checkboxes: Exclude from the history of maintenance on the terminal, Allow execution scheduled maintenance only to a technician, Do not update last maintenance date, Obligation to take a picture, Set the QRCode on the Master System as Applied, Show in GD/Web.
 - Buttons: Delete, Change, Exit.

These actions can be set with the relative periodicity within the dispenser families (the main dispenser family is the one present in the first place in the dispenser typology), separating the operational ones from the inspection ones, which are carried out by operators with the role of HACCP inspector, defined in the operator's card.



Any operator can be enabled to register haccp actions or alternatively to perform haccp checks by simply ticking the relevant boxes of the role: Haccp operator and / or Haccp Inspector.

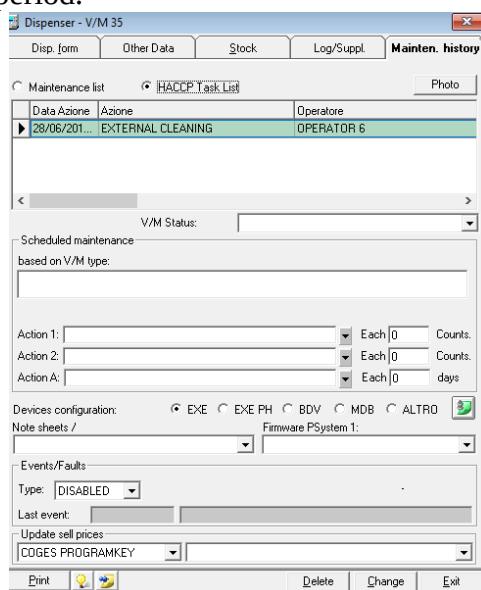


At each visit, the haccp operator will find for each dispenser a list of expired or expiring assets according to the defined haccp plan and must indicate if it has carried out the planned action.

It is possible to set a notice at the exit of the list of dispensers or even a real obligation to execute the same actions that prevents you from returning to the site card if all the activities planned for the dispensers that have been moved have not been visited. It is enabled on the advanced options of the operator registry.

It should be noted that setting the frequency in days for the haccp activities to 0, the same is proposed again at each visit.

When reloading the route, the haccp activities are stored in the dispenser card and can be consulted at any time. It is also possible to print a list of activities and controls performed by operator and / or dispenser in the indicated period.



The role of inspector is based on a logic similar to that of the operator. However, for each defined control, it is possible to detect the temperature or in any case another control value and to give a judgment from 1 to 10 on the quality of what has been verified. The inspector, like the HACCP operator, if equipped with a handheld terminal with a camera, can easily document the paymenttdback made and attach photographs that are then made available on the PC and in the dispenser's HACCP card.

Finally, in GD / Management / dispenser maintenance / HCCP activity management it is possible to enter or modify the interventions performed, and from GDAdmin / Print / dispensers / maintenance / haccp activities print the list of interventions according to various filter criteria.

Below is a summary screen of the Haccp related settings.

Verification of the TQS conformity of the labels of the dispensers in Haccp inspections

The actions of the HACCP plan related to the inspectors allow to memorize also the conformity of the labels to the standards defined by TQS. The stored data can then be found in the various reports and lists available.

Compliance

management TQS labeling TQS labeling management has been introduced (in practice, a check that indicates whether the machines that have TQS compliant labels, or essentially labels with correctly compiled ingredients The visualization and management of the data must be activated by the general settings of GDAdmin (opt. A).

The check is found in the folder Inventory of the dispenser and the summary report in the checklists / lists dispensers / dispensers for type and conformity TQS

Obligation to Click photo

It is possible to oblige both the operators and the inspectors to take a picture relative to the execution of an action. In practice, if the action is checked as performed, a photo must be taken relative to it. table of Standard Actions related to the types dedicated to the HACCP (basic activity or inspection) ne) Also in Android it is possible to take pictures, with an extended touch on the HACCP activity line that displays the appropriate menu, both for operators and for inspectors, in order to document the work performed or any critical issues that may be found in verification phase.

Workshop management

This feature is not available in GD1

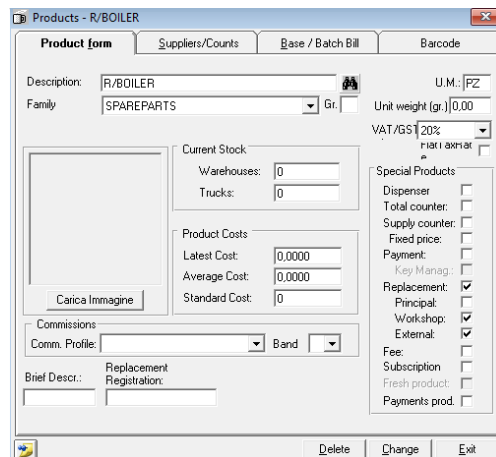
To enable the workshop management it is necessary to set some data in the GD archives:

- The Replacement

The **replacement** product can be:

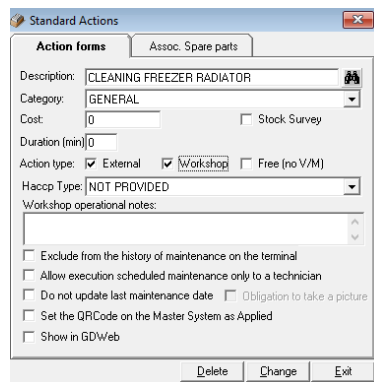
- Main: Identifies the main spare parts, ie those that will be transferred as part of the history of terminal maintenance. *(This function is not yet available).*
- Workshop: Identifies that the spare part can only be used in the workshop and not in external maintenance.
- External: Identifies that the spare part that can only be used in external maintenance.

A replacement product can be at the same time Workshop / External so as to use the same spare part both inside and outside the workshop



- Standard Actions

Each standard action can be **External** (operational for the terminals) and / or **Workshop** (actions that can only be attributed in the functions of Workshop Management). The latter can also be defined as **Free (no DA)**, ie it is possible to insert them in the workshop management but without associating them to a specific dispenser, and they are used to insert generic tasks performed by the technicians.



It is also possible to specify up to five products for each share. Spare parts with the relative quantity: when the action is charged, these spare parts will be automatically moved to the workshop

management; (in a future update this movement will also be possible directly from the terminals so as not to have to indicate them separately as is the case today).

Note that it will be possible to choose the associated spare parts based on the type of action (External and / or Workshop) .; that is, if an action is enabled only as External, the associated spare parts can only be those enabled as external.

- Operators' roles

Onmaster table it is necessary to enable the specific roles for the management of the technicians and the workshop:

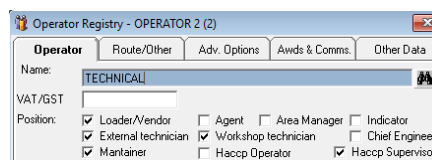
The External Technician can perform external maintenance.

The Workshop Technician can only perform work inside the workshop.

The head technician, in addition to visiting and confirming the execution of the works in the workshop, can do both.

An operator can be enabled to perform all roles.

Furthermore, in the Perc./Other folder, it is possible to enter the days and working hours of the operator used for calculating the duration of the interventions.



- The type of dispensers

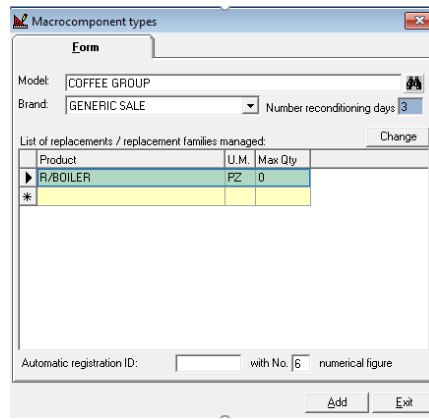
Workshop Parts must be added to the different types of dispensers, but they must not be enabled on the individual machines.

The Workshop Spare Parts or, more easily, the specially created families (*see operating steps*) must be added to the dispenser types consistently, but they must not be enabled individually on the dispenser cards or accessible in them: a spare part or a family inserted on the type can be used in workshop on any dispenser of that family, without the single spare part being enabled on the single dispenser as it happens instead for the products and for the external spare parts. Obviously the workshop actions and spare parts are not transferred to the terminals.

Macrocomponents

To manage the **Macrocomponents infuser**, ie elements such as coffee groups, groups or similar dispensers that have their separate registration and whose repair and maintenance is done regardless of the dispensers in which they are located, two tables have been added **Type Macrocomponents** and **Macrocomponents**; these tables are comparable to the type of dispensers and to the dispensers themselves and are used to define the types of macrocomponents used and the individual entities of each type. The macro-components are not directly connected to the serial numbers of the machines but are managed separately from them and for them it is possible to insert maintenance in the workshop in a completely standard way.

The macro-component workshop spare parts or, more easily, the specially created families (*see operating steps*) must be added to the types of macro-components consistently, but as with dispensers' spare parts, they must not be enabled individually on the individual macro-component sheets or be accessible in them.



Macrocomponent types

Form

Model: COFFEE GROUP

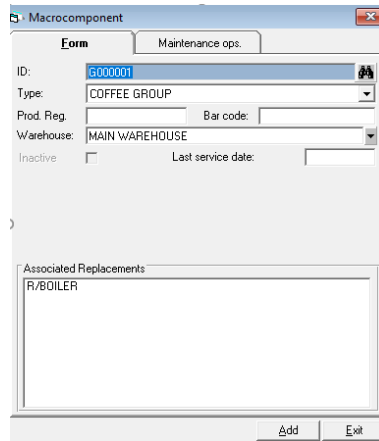
Brand: GENERIC SALE Number reconditioning days: 3

List of replacements / replacement families managed: Change

Product	U.M.	Max Qty
R/BOILER	PZ	0
*		

Automatic registration ID: with No. 6 numerical figure

Add Exit



Macrocomponent

Form Maintenance ops.

ID: G000001

Type: COFFEE GROUP

Prod. Reg. Bar code:

Warehouse: MAIN WAREHOUSE

Inactive ☐ Last service date:

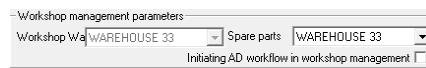
Associated Replacements

R/BOILER

Add Exit

Workshop Management Work

The **ModeWorkshop** Management includes two work modes: one with the **flow of the managed workshop** and one **without the flow of the managed workshop**, specified by the general settings of GDAdmin under the item Opzionini C.



Workshop management parameters

Workshop Warehouse: WAREHOUSE 33 Spare parts: WAREHOUSE 33

Initiating AD workflow in workshop management ☐

The substantial difference is that:

In the case of a **managed flow**, the role of the Technical Manager is essential, who is responsible for organizing the work of the workshop technicians, selecting the dispensers to be reviewed or repaired with the possibility of assigning them individually to the individual technicians, specifying the date of expected availability for each machine (proposal automatically calculating it based on the **Gg x restoration** in the Workshop indicated in the type of dispenser and modifiable) and possibly also the actions to be performed on each specific machine.

When the workshop operators open the list of dispensers, the machines will be proposed in order of availability date requested; date calculated on the basis of the value set in the field **Gg x restoration in the Workshop**, or the calendar days necessary to restore a dispenser starting from the date on which it is moved to the **Workshop Warehouse**; (*this is valid only in case of activated Workshop Flow*), unless it is modified by the head technician when moving the dispenser to the workshop.

If a dispenser is not in the workshop warehouse it is not possible to manage it in this mode. Furthermore, the dispensers moved to the workshop warehouse will not be installed until the visa for the processing (s) has been entered by the head technician, who, after having checked the interventions, makes the dispenser again installable.

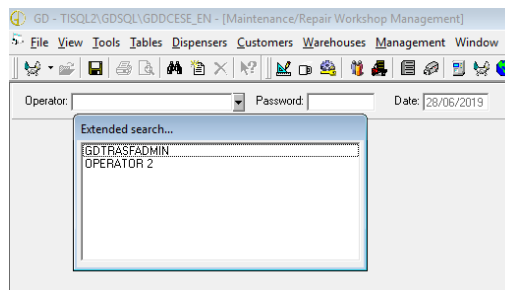
NB The actions performed from the terminal are displayed / modified / entered in maintenance operations, while the maintenance operations carried out in the workshop can be displayed while performing maintenance, but it is not possible to modify workshop-type actions and / or enter actions if the dispenser is in the warehouse workshop: in these cases the processes must necessarily be entered by means of the specific workshop management.

In the second mode, **without a managed workshop flow**, the role of the head technician is not essential, ie any workshop operator can intervene on dispensers present in any of the warehouses (workshop or not), the dispensers on which workshop operations have been performed however, they are always available for reinstallation. Obviously in this case there is no date of expected availability of the dispenser (as the V/M is always available), it is not possible to assign actions or repairs on specific machines to the operators

Mode without managed workshop flow

In this mode operationally each technician before starting an action in the workshop qualifies by specifying his identity (by entering the relevant password, if set), and enters the action he must perform indicating the dispenser. The only constraint in choosing the dispenser is that it is in a warehouse.

The moment in which the action is entered is taken as the beginning of the activity itself. The action entered will be displayed in green in its daily work card and will be considered in progress until or is not Ended in the list, or a new action will not be inserted, or finally a previously suspended action will not be resumed. The system stores the execution time of each action by displaying it in the Duration column and takes into account the days and working hours of the technician.



In the list appears, grouped by each dispenser the list of actions with in particular:

The Executed column, normally set as TO BE FINISHED that the operator at the time of confirmation of the action or before finishing the shift can change as ENDED by passing it to the possible visa of the head technician. If the action has already been terminated this column is empty and cannot be changed.

The Status column that corresponds to the color coding and shows:

RUNNING (green line) if the action is the one the operator is carrying out;

SUSPENDED (red line) if the action has been suspended (lack of spare parts or other substitute activity) and must be completed;

ENDED (blue line) if the action has been terminated (the operator can no longer intervene with data changes).

GD - TISQL2\GDSQL\GDDCESE_EN - [Maintenance/Repair Workshop Management]

File View Tools Tables Dispensers Customers Warehouses Management Window ?

Operator: GDTRASADMIN Password: ** Date: 28/06/2019

Dispenser /

Executed	Status	Dispenser /	Action	Action date	Start/susp/restart/end Da...	Duration (m...
G000001 COFFEE GROUP						
TO BE TERMINA...	IN EXECUTION	G000001 COFFEE GR...	FILTERS REPLACEMENT	28/06/2019	28/06/2019 10:12:00	0

Therefore at the end of each action or at the end of the day, the operator will specify in the first column (Done) the action (s) terminated and to confirm his choice he will have to press the button **Register** at the bottom. Immediately afterwards the TERMINATE actions will be shown in blue color and the operator himself will no longer be able to intervene on them. They will form the list of actions to be approved for the head technician at the end of the day. If the last action that was being performed (IN EXECUTION) was not confirmed, it is automatically suspended (in red) by pressing the Register button and the next day must be restarted at the beginning of the activity.

The card of each action also contains notes: those on the left are intended as notes to be kept in mind in the execution of the action itself and are recorded in the standard actions sheet. Those on the right instead are stored in the specific maintenance and accompany the repair of any additional information that is not valid in general (they are only recorded on the single maintenance).

If spare parts have been entered on the individual shares with the relative quantity to be used, they can be confirmed by pressing the button during the execution of the action **Confirm Recommended Quantity**. Obviously it is possible to change the quantities themselves in the event that spare parts other than the standard ones have been used.

It should be noted that the field **Action cost** is valued with the cost indicated in the standard actions form, while the **Spare parts cost** is calculated using the Standard Cost field of each spare part for the number of pieces used. It is therefore possible to manage an action cost including the value of the individual pieces envisaged (by setting a cost on the overall action) or to put the cost of the individual spare parts and indicate on the action only the cost of the labor.

The field **COUNTER** is proposed by GD based on the value of the counter of the dispenser's total beats at the time of the start of maintenance, but can be modified at will.

Maintenance operation

Date: 28/06/2019 Dispenser/Macrocomp: G000001 Action Start Date / Time: 28/06/2019 / 10:25 Doc. Type: SR

Action: CLEANING FREEZER RADIATOR Action Cost: 0 Meters: 0 Doc. No.: 0

General action execution notes: perform every time you return

Specific notes pertaining to this operation: found problem in the seal

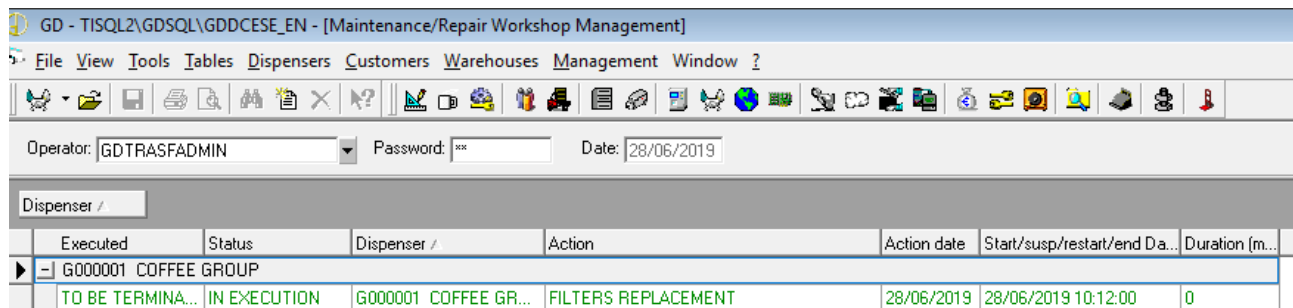
COFFEE GROUP

Replacement List: Confirm Q. del.

Replacement	UM	Quantity Used	Quantity Recom...
R/BOILER	PZ	1	0

Replacement Costs: Add Exit

Without having complete management of the workshop flow in this mode, it is still possible for an operator with the role of Chief Technical Officer (or the Manager) to view the daily work of the operators by filtering both by operator and by type of actions, verifying at the end of the day the work performed, the actions in progress and those suspended, entering the details of each action and intervening also on the spare parts. At the end of the day, the head technician opening his screen will be able to view the actions to check them and eventually visit them (having in blue, those declared as FINISHED by the technicians, in red those still suspended and in green those still in execution).



Executed	Status	Dispenser /	Action	Action date	Start/susp/restart/end Da...	Duration (m...
G000001 COFFEE GROUP						
TO BE TERMINA...	IN EXECUTION	G000001 COFFEE GR...	FILTERS REPLACEMENT	28/06/2019	28/06/2019 10:12:00	0

Obviously the only actions that can be viewed are those TERMINATED by the operators. Upon opening the screen the TERMINATE actions will be proposed with the Action Visa field set to LEAVE IN SUSPENSION and the Technical Manager can change this value to CONFIRM (which view the action and close the speech) or SCART that anyway even if closing the action puts an alarm on the line because the action performed by the technician was not considered valid for some reason.



When the Register button is pressed, the Action Visa is definitively confirmed and the lines will be marked becoming CONFIRMED (black) and SCARTATE (gray). It should be noted that for the rejected actions, any used spare parts movements are canceled.

For each line the chief technician also has information related to the theoretical time of execution of the action, the actual time and their difference.

Mode with the workshop flow managed

In this mode, upon collection the dispenser must be positioned in the Workshop Warehouse in order for it to be processed.

This can be done with the traditional withdrawal from the dispenser card, and when the withdrawal is done in the workshop depot it is possible to directly indicate the technician who must perform the maintenance (in this case the dispenser will be offered only to that specific technician, while in case otherwise it can be worked by any technician) and the expected availability date is calculated based on the days of restoration in the workshop set on the single type of dispenser. In order for this information to be correctly entered where required, the dispenser can also be picked up at the main depot and subsequently moved to the workshop by the head technician (using the Change deposit to dispensers withdrawn function accessible from the GDAAdmin management menu).

Distributore - AL084

Scheda | Altri Dati | Giacenza | Storia/Erogaz. | Manutenzioni

Identificativo: AL084 Matr. Prod.:
 Tipo Dist.: ALICE INCONTRO Cod. Cont.:
 Stato Dist.: ☐ Installazione ☐ Acquisto ☒ Ritiro ☐ Rottamaz./Cess. ☐ Vendita
 Sito/Magazz.: MAGAZZINO OFFICINA
 Ubicazione: ID Batteria:
 Persona: Cod. Barre:
 Gestione Officina
 Tecnico Inc.: TEC ITALO Data prevista disponibilità: 28/08/2009

Contatori Generali
 Contatore: Battute
Totale Distributore: 0
Totale Gruppo Caffè: 0
Totale Gruppo Acqua: 0

Sistemi Pagamento
 Tipologia: Codice (ID)
 GENERICO 101801
 GETTONIERA NRI G 13

Calcolo Corrispettivi in base: Tipo Vendita:
 AI PRODOTTI EROGAZIONE CORRISPETTIVI
 Fatturazione: SOMMINISTRAZIONE Abilita Listino Vendita Aziendale
 Aliquota (Fatt): Emetti Dichiarazioni ASL
 Emetti DDT per Installazione/Ritiro

Stampa Cancell. Modifica Uscita

In this phase the technician can also add specific maintenance operations to the dispenser in question that will be automatically proposed to the technician who will start the work, simply adding them to the dispenser's maintenance folder and possibly assigning different tasks to different technicians, depending on the skills, if not a specific technician was appointed.

Distributore - AL084

Scheda | Altri Dati | Giacenza | Storia/Erogaz. | **Manutenzioni**

Nuovo

Aggiungi Intervento di manutenzione officina

Azione: OPERATORE TECNICO Operatore: TEC ITALO
 Distributore: AL084 Contascatti: 0 Data: 28/08/2009 Numero Doc.:
 Note Operative Relative al Tipo di Azione: Note Esecutive Relative all' Intervento:
 ALICE INCONTRO Costo Azione: 0
 Aggiungi Uscita

Azione A: Ogni 0 Giorni
 Configurazione periferiche: ☒ EXE ☐ EXE PH ☐ BDV ☐ MDB
 Note schede / versioni firmware:
 Eventi/Guasti
 Tipo: DISATTIVO Numero Tel.: ID: 0
 Ultimo evento:

Stampa Cancell. Modifica Uscita

As a consequence of the above, the technician's work schedule, the person in charge, will already be overridden.

Gestione Officina Manutenzioni/Riparazioni

Operatore: TEC ITALO Password: Data: 28/08/2009

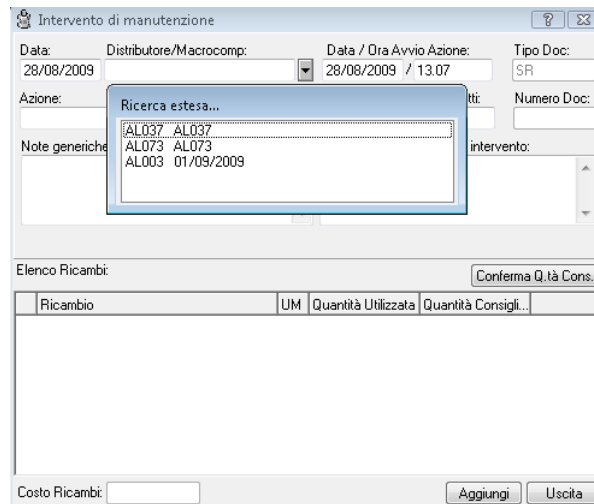
Nuova Riavvia Uscita

Distributore /

	Eseguita	Stato	Distributore /	Azione	Data azione	Data Ora Inizio/sosp./ripr....	Durata(min.)
▶	AL084 ALICE INCONTRO						
	DA TERMINARE	SOSPESA	AL084 ALICE INCONT...	INTERVENTO TECNICO	28/08/2009		0

Registra

If, on the other hand, the workings have not been specified, but the dispenser has nevertheless been assigned to a technician in charge, at the time of entering a new action only the dispensers assigned to him (or those not assigned to none in particular) in order of expected availability date, to allow the operator, in the absence of different indications, to proceed in an orderly manner in the work according to need.



Once the Register button has been pressed in the verification screen, the Technical Manager will access a list of the dispensers present in the workshop warehouse containing only the machines that have all the maintenance operations (planned or not) already approved and that can therefore be reinstalled by customers. The list will also contain the machines on which maintenance has not yet been carried out (from the date of entry into the workshop) so that if necessary (for example, temporary unavailability of dispensers) such machines can still be made installable without having to overhaul. To make the dispensers installable the Chief Technician will simply have to enable the machines involved and press the register button. Note that the dispensers for which there have been interventions endorsed are ticked automatically.

GD - D:\GDOFFICINA\GD.MDB - [Imposta D/A in manutenzione officina installabili]

File Visualizza Strumenti Tabelle Distributori Clienti Magazzini Gestione Finestra ?

Capotecnico: CAPOTECNICO Password: Data: 09/02/2005

Installabile	Distributore	Data ultima manuten...	Data prevista dispon...	Data Ingresso officina	Manutenzione
☒	1010 BLACK TOWER	07/02/2005	20/02/2005	07/02/2005	ESEGUITA
☐	1035 LITTLE	15/01/2002	09/02/2005	09/02/2005	DA ESEGUIRE
☒	1429 BLACK TOWER	07/02/2005	22/02/2005	07/02/2005	ESEGUITA

Operational steps:

To be able to start the Workshop Management correctly, a planning job is required that includes at least:

1. Planning which parts it is interested in managing at the workshop level (in general it makes sense to manage spare parts not at the level of a single screw, but instead it is a good thing consider finite entities based on the level of detail you want). It is advisable to insert the workshop spare parts in homogeneous families by type of dispenser so as to facilitate their management in the types of machines and macro-components.
2. Plan the insertion of the actions based on the interventions performed starting from the standard restoration ones and similar and then deepening them where necessary
3. Insert in the typologies dispensers and in the typologies macro-components the products / families of spare parts

4. Insert and / or modify the cards relating to the products, to the actions and relative categories, to the operators inserting if necessary (if necessary it is advisable to do it for simplicity anyway later) the types and serial numbers of the macro-components (with possible spare parts and specific actions). In particular, check that the new spare parts to be managed are present and associated with the corresponding dispenser types.
5. Decide based on your internal organization whether to use the mode with managed flow or not and eventually integrate the information of the operators accordingly
6. Set the passwords for the operators and the head technician.
7. Proceed if you wish to configure a small example of the workshop on a copy of the management database and perform a small test a few days in order to highlight any problems at the level of specified actions or spare parts details

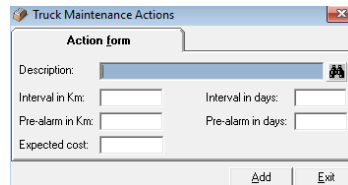
Refurbishment of dispensers

Function of the reconditioning of the dispensers it allows the sending to the reconditioning, with the relative issue of the TD , of the dispensers to an external workshop (which must be clay on GD as a special warehouse) and also manages the return by means of the return from reconditioning.

On GD Admin the Reconditioning print is available, which provides information on the dispensers currently being reconditioned or reconditioned.

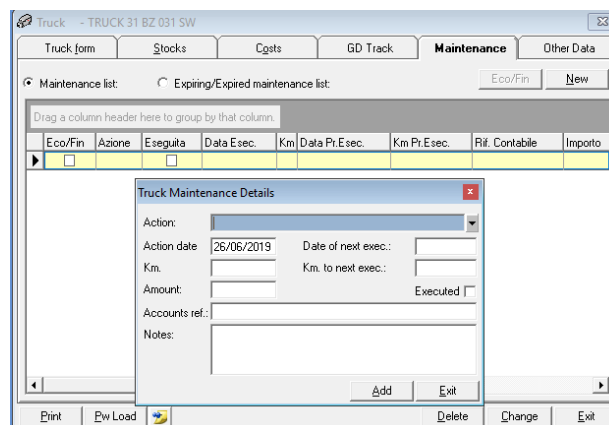
Vans maintenance logics

In the table **Vans Maintenance Actions**, accessible from the Tables menu of GD, it is possible to insert the actions related to the maintenance of the vans and it is possible to specify whether the action is repetitive or not, specifying the type of interval in Days and / or Kilometers and any pre-alarms.



In the van tab it will be the actual maintenance management, inserting the actions performed in the Maintenance tab. If an interval in km has been set in the maintenance action of the van selected, the program will require as compulsory the insertion of the Km in which the maintenance is carried out and the one in which it will have to be done again, the same is true for the interval in days.

Pressing the SHIFT + CTRL + ENTER keys the data for the KMs Next Run and Next Run Date will be calculated automatically even if they can be changed.



It is possible to visualize in the card of the van both all the executed maintenance and those that are in expiry / expired, through the option placed above the grid containing the list.

When choosing the display of expiring / expired maintenance, this list will include all the maintenance operations:

- that do not have the check of executed;
- that in the next maintenance date, considering the days of early warning, they have expired with respect to today's date;
- that the next maintenance Km, considering the Km of pre-alarm, are lower than the mileage entered in the same card of the van (Last Tracking Km).

When displaying expiring maintenance it will not be possible to insert new ones or correct those highlighted.

When a new maintenance is inserted or an already inserted maintenance is corrected, until the van board is stored, it will not be possible to have the list of expiring maintenance.

The maintenance operations performed on the vans can be accessed from the Print menu of GD Admin, under the heading Maintenance.

Management logic for payments, subscriptions and returns for water bottles

GD allows you to manage a payment and a product subscription for each customer site. The stipulation of a payment or a subscription (which takes place at the time the site card is registered) automatically creates a specific customer request that can be associated with a daily route and that determines the issuance of the related tax documents. Alternatively, the stipulation or renewal can take place directly from the handheld: in this case the document will be produced by the handheld and the data on the site will be updated when the route is reloaded.

The management of rental and subscription prices is completely integrated into the GD price list system.

For each payment / subscription there is a special numerator and it is possible to indicate any further reference together with any notes.

These options, designed for the management of water bottles, can however be used and customized by the user even for any other type of product / activity.

Rent management is the possibility to charge a payment (generally for the rental of the dispenser). GD allows you to know at any time the status of the stipulated or expiring payments, either by recalling the specific print from GD Admin or upon recharging a daily route.

Subscription management means the ability to manage a subscription product warehouse on behalf of the customer: the quantities present in the subscription are invoiced globally at the time of subscription and formally committed to the warehouse. Subsequently it is possible to make the deliveries of products in subscription (which obviously will not be valorized) and know at any time the remaining quantities for each customer site, the quantities involved in the warehouse, as well as having signaled the expiration of the subscriptions and the need therefore to stipulate a new one. Integrated with these features is the management of product returns, which allows to know in real time how many empty items must be returned by each one.

Each payment / subscription is associated with a special canon / subscription type product, which allows the management and delivery to be managed directly from the terminal with the same logic as the other products. In other words, the stipulation of a payment / subscription determines the creation of a request with an order containing the appropriate payment / subscription product to be delivered. It should be noted that the change to a payment or a subscription affects all the payments / subscriptions of that type already stipulated, so it is advisable not to make substantial changes to the payments / subscriptions once they have been stipulated.

Fee Logic

GD allows you to manage payments with structure and duration customizable by the user.

A type of payment, which can be entered using the appropriate table from the dispensers menu, contains the following information: a customizable duration, a payment product, an early warning interval. Added to this is a standard action that is included in the request and that is used by GD to automatically indicate to the operator that the payment must be collected.

When a payment type is stipulated, an intervention request relating to the collection of the payment with the linked payment product will be automatically entered in the Customer Requests, or if an open request exists, assigns both the product and the action to the existing one.

On the payments / Abb. of the Site it is possible to see the current payment with the relative validity dates and all the previously stipulated payments.

When a new payment is set, the system proposes the renewal and the dates are updated based on the duration of the payment.

In case of expiring payment (with the logic of the pre-alarm interval) an alert message is displayed when the site is opened. The same type of signal with complete detail can be obtained at the end of the route recharge or from GD Admin. From the Admin print menu it is in fact possible to access the item "Fees" which allows you to have reports on the types of payments, the active payments, the payments due / expired (within the pre-alarm period).

Subscription Logic

GD allows you to manage subscriptions with user-customizable structure. A Subscription Type, which can be entered using the appropriate table from the dispensers menu, contains the following information: a subscription product, a series of products connected to that subscription with the relative forecast quantities. Added to this is a standard action that is used by GD to automatically indicate to the operator that the subscription must be collected.

At the signing of a type of subscription, an intervention request relating to the collection of the subscription will be automatically inserted in the Customer Requests, with the subscription product connected, and the various products required by the subscription, or if there is an open request, assign both the product that the action to the existing one.

GD allows you to know at any time the situation of the subscriptions stipulated, and for products belonging to the subscription, it is possible to know in real time the quantities delivered, the quantities remaining and those still to be delivered.

If the quantities delivered are exceeded with respect to those provided by the subscription, an alarm message is displayed when the site is opened.

The same type of signal with complete detail can be obtained at the end of the route recharge or from GD Admin. From the GD Admin print menu it is in fact possible to access the Subscriptions item which allows you to have reports on the types of subscriptions, active subscriptions, expired subscriptions, the overall commitment, and the return situation.

Option Automatic renewal of expired subscriptions upon recharge of the tour

It is possible, for the sites where the automatic subscription renewal option has been enabled (based on check on the site card on payments / abb), to have the automatic renewal, if necessary, of the subscription based on the following.

On the customer site, it is possible to indicate the type of automatic renewal with three options:

- 1) no renewal
- 2) renewal only with overrun (renewal carried out only in case A)
- 3) renewal with overflow or exhaustion (renewal carried out in case A and / or B)

A) if it is verified that the delivered quantity is higher than the subscription quantity in addition to setting the expiry date of the current subscription (something that is already performed and that is regardless of the automatic renewal), GD:

- Performs the subscription renewal (a subscription is created identical to the expiring one with start date equal to the day following the recharge date)
- Add to the delivery today a line with the subscription product (as "to be invoiced")
- Update the Da Pay to the site customer
- Reports in the print "Expired subscriptions" that can be executed when the round is loaded that the subscription has been automatically renewed. With this print you can go to deferred billing and print the invoices for customers reported in the press.

B) if it is verified that the quantity delivered is equal to the quantity in subscription:

- It carries out the subscription renewal (a subscription is created identical to the expiring one with start date equal to the day following the recharge date)

- Inserts a new customer request with the order of the subscription product exactly as if the signing of the new subscription had been done manually from the customer site card This request on the next visit indicates that for the customer a new subscription must be stipulated that will follow the normal rules of delivery and billing (start of the tour if this is also set or deferred according to what you want)

Alternative product by subscription

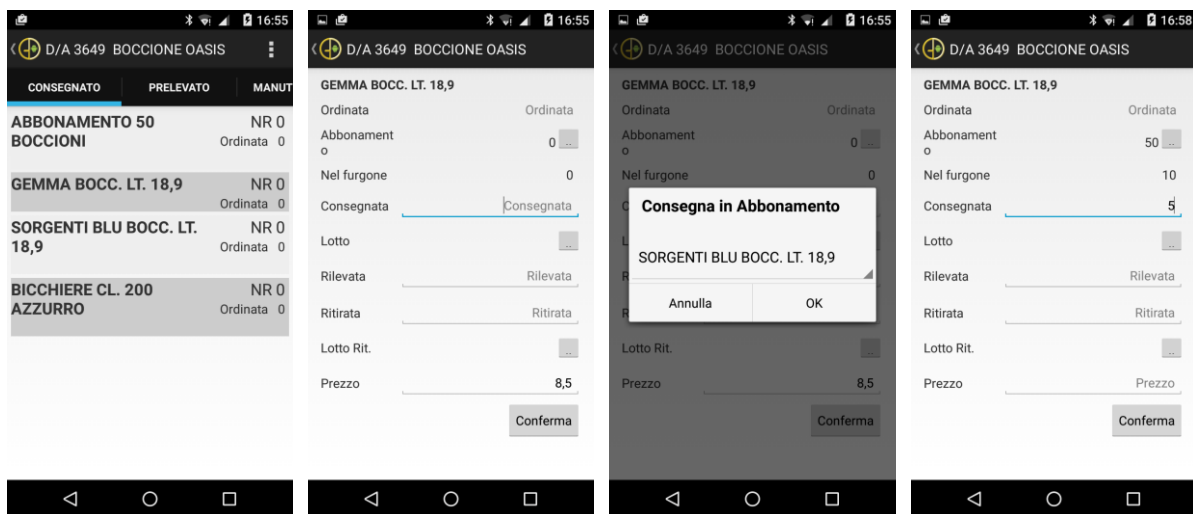
From this version it is also possible to manage alternative products by subscription, to allow the operator in a specific delivery, to change the type of product while delivering in the 'scope of the subscription (in this case the delivery is not evaluated and scale the subscription of the product being replaced). The product must belong to the same family as the product on subscription and is typically designed for deliveries of water bottles other than those originally purchased by the customer with the subscription; of course the function can be used for any other product based on need.

On terminals the operation is immediate: in Android it is accessed from the "Product delivery detail" screen (the one obtained with the long tap on the product to be delivered).

Under the "Subscription" item, a button with three dots was added (equal to to that of the lots).

The button is active only if: the subscription quantity of the product in question = 0 (ie the product it replaces is not already on subscription) and the delivery has not been invoiced.

When the button is pressed, a pop-up appears with the title 'Delivery in Subscription' and with a combobox that allows you to select the product by subscription.



Returns Logic (returnable blanks of Boccioni)

For the management of returns or emptying of the bottles, GD has been integrated with a control function for deliveries and related returns, which allows to know, when opening the customer site card, or for by means of a special report, the amount of returns that the customer still has to return. Returns are handled only on machines managed with delivered products. The input of the returned quantities must be done in the registration phase of the withdrawal, in the box of the current Beats of the row showing the returned product.

For a product to be managed with the relative return it is necessary to:

- Create a normal product (eg Boccione brand X) that is sold to the customer.

- Create a special dispensing product (Reso Boccione brand X) which represents the return of the product mentioned above.
- Set the dispensing product in the basic list of the normal product
- Enable both products on the dispenser of interest.

At each visit the dispenser in the Delivered tab, you can record the amount of product "Boccione Brand X", while taken can be recorded (under current Beats) returns returned by the customer in the line "Made Boccione Brand X"

Under jokes previous returns the balance of the returns updated at the start of the current route (ie does not take into account the deliveries made during the current visit)

Step 1 Preparation of the route

When a payment type and / or a subscription type is stipulated, it will be inserted automatically in client requests, a request for intervention relating to the collection of the payment / subscription, or if an open request exists assigns both the product and the action to the existing one.

NB When a subscription is registered, the system generates a request with the subscription product and 10% of the total subscription for each product.

The subscription is a special product, identified by the corresponding box in the product sheet, which has a list price and a treatment similar to all the other products. However, the prices of the individual components of the subscription type must also be present in the list, recorded so that the sum of the subscription quantities for the respective price coincides with the total price of the subscription:

Eg Subscription 15/1500 (15 bocc. + 1500 bicch.) has price 285.000

The price of the glass is 25 for which $25 * 1500 = 37.500$

The price of the bottle 16500 for which $16500 * 15 = 247.500$

Total = 285.000

This is necessary because in the invoice of the order they are shown the subscription product with its components but with the price on the components, while on the terminal the payable is generated by the delivery of the subscription product, as deliveries will be made over the following period, so the products will be priced 0.

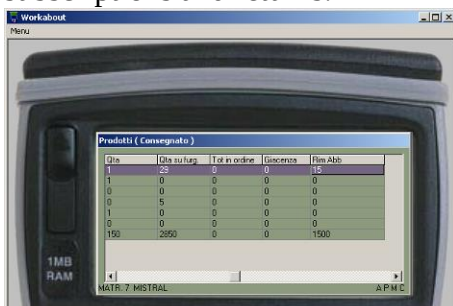
Step 2 Starting the lap

When the daily route starts, the load is proposed which takes into account the requests associated with the laps.

NB Only for the quantities in subscription GD does not add the quantities ordered to those of the standard load; this is because, in the management of subscriptions, further requests with orders for deliveries to a site with a subscription would generate additional invoices at a price of 0 distorting the load.

Step 3 Operation on the terminal

For the sake of clarity we report some of the main screens on the terminal regarding payments, subscriptions and returns.



Nella scheda del consegnato, c'è una colonna che riporta il residuo in abbonamento.

Subscription products are delivered at price 0 and ABB is displayed in the invoice column; moreover, so that it is printed upon issue of the receipt, for products with residual values in subscription, an additional line is printed which shows the value of the quantity still in subscription (after today's delivery).



Orders and subsequent deliveries of subscription products are priced at 0 and the terminal signals ABB for each delivery.

Obviously for customers with active subscription it is possible to make deliveries with the terminal even if there is not a request with order: these deliveries will take into account the existence or not of the subscription itself.

On the terminal, the RESO product is presented, but in "precedent" (previous) the balance between delivered and returned upon departure of the tour is displayed. In "current" type the number of empty bottles that could be removed that day.



Step 4 Reloading the Route:

When the route is reloaded, the system checks whether any subscription has been missed in the route and if so enables the corresponding button for printing. At the end of the first product of the subscription GD records the date of the tour as the closing date (in order to allow the registration of a new subscription for the site) but continues to take into account the residual quantities for the other products in subscription (if present)) also in subsequent deliveries. This is necessary because the management could decide to sign a new subscription immediately (and if the subscription was not closed it would not be possible to stipulate another one in the same period): in this case, any remaining quantities are added to those of the new subscription.

If, on the other hand, a new subscription is not stipulated, further deliveries of that out-of-stock product are enhanced, while deliveries of other products that are not exhausted continue to be on subscription.

Therefore, when a subscription product is delivered, the expiration date is updated, until the subscription is completely sold out, but the products already sold out are correctly evaluated.

As for the dispenser and, it is registered and managed in the same way as any pod machine or in any case with the payments calculated based on the products delivered.

Regarding sanitation, the whole mechanism for its management is integrated in the management of scheduled maintenance (on a daily basis) in GD. From the GD management menu it is in fact possible to access the item Maintenance dispensers, from which it accesses *Maintenance management*, which allows you to keep track of the various maintenance actions carried out, under the heading *Scheduled maintenance check*, which examines the list of scheduled maintenance by expiring or expired type of dispenser, and allows the user to automatically record a customer request with information about the intervention.

The invoice can be issued at the start of the round (to have this it is necessary that the option "For orders at the start of the tour issues Accompanying Invoice" is enabled, this is found in option B of the General Settings, accessed from the Tools menu of GD Admin).

On the terminal the operator can record the payment, possibly also of the previous balance and, if he wishes, and if it has not been previously issued, he can issue and possibly print a Sales Invoice for

the products. Otherwise a deferred invoice, even cumulative, can be issued by the office later by choosing Billing from the Management menu.

The main information required is:

Customer	Minimum personal data,
Fees	Based on the products delivered,
Billing:	Yes Invoicing
Desired price list	Description in the Name of the
List	Minimum master data
Site	Zone, competence LHA Price list to be used at the site
Products to sell	Minimum master data, Supplier / i
Number Beats	used for the calculation of theoretical beats in GD Admin. "1" must be present in the water group of the Suppliers / beats sheet of the Product Card if single pieces are loaded.
Type of dispenser	Minimum personal data, association with the products and / or product families that can be sold on the machine and the Canons and / or subscriptions products
dispenser	Identifier, Type, Customer site where it is installed,
Calculation payments	Based on the products delivered, Billing: <i>Yes Billing</i> ,
Products managed enabled	or those that actually that customer purchases in the context of the products that can be managed on that dispenser
. Sales prices	In the above price list, are the prices for the products that can be sold, in the column (<i>Comod / Nol</i>) of the group <i>Billing</i> .

NB: in the case of a dispenser Sold to the customer and therefore owned by the same, the column of the price list used is not the one *Comod / Nol* but the one *sold*. All the rest remains unchanged.

Commissions and Awards Logic

GD is able to control the Management activity also from the organizational point of view of the sales network, indicating the payments or commission profiles due to the individual commercial operators that are part of it.

The solution adopted by GD, taking into account the common experience in the field, tends to be flexible, in order to adapt to the needs of the various users.

The commission profile, in fact, can be applied to individual products, to customer sites, to customers, to areas (commercial area), to commercial merchants, indicating it in the registry of each level.

In *GDAdmin / Print / Tables / Tables for calculating rewards and commissions / Commissions profiles associations* there is a print that allows you to have a list of the commission profiles associated with Customers, Customer Sites, Zones, Products and Operators.

The commission parameters can be indicated and therefore also applied separately to different commission profiles.

This "calculation" takes place on the basis of the products delivered, in relation to the commission payable to the operator based on the role it plays.

Commission management can also be used for dispensers with total and supply lines, with the same logic of rules and profiles and the same application points as the profiles themselves, except that, in these cases, instead of referring to the product delivered and at its selling price, refers to the collection.

Commercial roles

GD has identified four basic roles in the commercial organization, identifiable in the following figures: Signaling, Area Manager, Agent, Loader / Seller.

In order to make the use of the network easier, we will speak generically of commercial roles that may depend on a superior commercial figure and in turn have dependent roles, configuring the commercial network as a tree structure.

The role of **Loader / Seller** corresponds to the basic level of the structure and is assigned to the person who carries out the loading and / or maintenance operations, depending on the roles of Agent and Area Manager.

The role of **Signaling** is assigned to the person making a report (eg a possible customer), it can be independent of the other commercial figures, following logics that are transversal to the commercial network itself.

The role of **Agent** is attributed to the person who acquires clients or receives commissions from their management.

The role of **Area Manager** is associated with the sales manager of a specific geographical area.

Each role corresponds to a private entity or natural person with an adequate personal data.

To enter the registry of the Commercial Operators, they use the **operator data** table in the GD Tables Menu. *To fill in the operator data sheet, see the relevant paragraph.*

Commissions can be expressed both in percentage and in absolute value and referred to one's level and / or subordinate levels.

- The "**Commissions in absolute value**" are foreseen for the delivery, collection and maintenance of the vending machines, defining these as products / services supplied and managed in GD similarly to the common products / goods.

- "**Commissions expressed as a percentage**" indicate the percentage value that belongs to the commercial operator.

In GD it is possible to divide the products into 3 bands: "Standard", "A", "B" in order to have commissions of different values depending on the type of item sold. In the commission profile table, the percentage / value fields for each single band have been introduced.

The parameters of the commission are shown in the table **commission profile** which defines the methods of application of the commissions themselves, reporting the commission parameter to be applied for each commercial role.

Each commission profile is characterized by a description that identifies it and reports the two dates of beginning and end of the commission treatment (validity).

The Commissions profile table

This table, accessible from the Tables menu of GD under the item **Commissions and Promotions**, allows the insertion of the type of commission to be assigned to an operator based on the role that this covers. The compilation depends strictly on the role enabled in the "Operator registry" tab.

The items that make up the form are described below:

Description: this is the field for entering the description that you want to attribute to a type of commission profile, that is, it is the name that identifies the type of commission, is assigned by user according to his own management criteria.

Signaling device: it is the highest level with respect to the area manager and is assigned to the person making a report (eg a possible customer), it can be independent of the other commercial figures, following logic that is transversal to the commercial network itself.

Areamanager: occupies the upper level than the role of the agent and is assigned to the person who has a specific geographical area under his commercial responsibility.

Agent: is the role immediately superior to that of the seller loader, is attributed to the one who acquires customers or receives commissions from their management.

Loader / Seller: is the operator who delivers the product / service to which is assigned the basic commission from which the commission percentages of those belonging to the higher levels can be deducted.

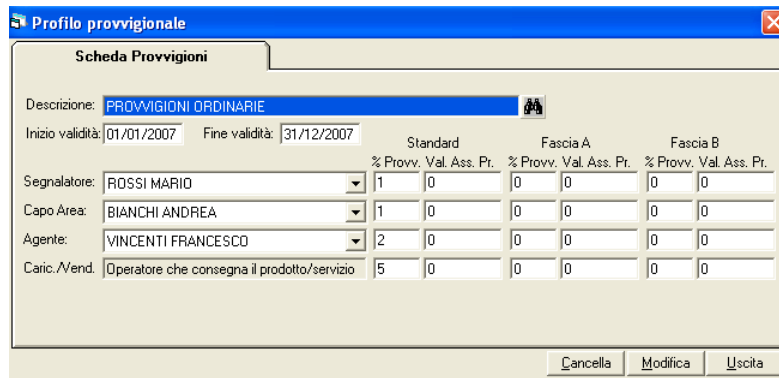
% Commission: this box, next to each role, is used to indicate the commission value expressed as a percentage.

Prov Absolutevalue.: this box is located next to each role and is used to indicate the commission value expressed in figures.

Startvalidity: establishing the initial date for the allocation of commission in question.

End of validity: indicates the expiry date of the period for the assignment of the commission in question.

If the "data" fields are not filled in, this means that the commission profile in question is always valid, if they are filled in it means that the commission profile in question applies only to the selected period.



	Standard			Fascia A			Fascia B		
	% Provv.	Val. Ass.	Pr.	% Provv.	Val. Ass.	Pr.	% Provv.	Val. Ass.	Pr.
Segnalatore: ROSSI MARIO	1	0		0	0		0	0	
Capo Area: BIANCHI ANDREA	1	0		0	0		0	0	
Agente: VINCENTI FRANCESCO	2	0		0	0		0	0	
Caric./Vend. Operatore che consegna il prodotto/servizio	5	0		0	0		0	0	

Example of a commission provision:

Consider what is shown in the figure relating to the commission card, shown above:

Description: Ordinary commissions

Valid from 01/01/2002 **to** 31/12/

2002% Prov. Val. Ass. Provv.

Signalist: Rossi Mario	1	0
Area: manager Bianchi Andrea	1	0
Agent: Winner Francesco	2	0
Consignee	5	0

In the example, the rule applies, to the total sold net VAT of the selling OC, 5% for the selling OC who makes the delivery, 2% for the OC of role 3, 1% for the OC of role 2 and 1.

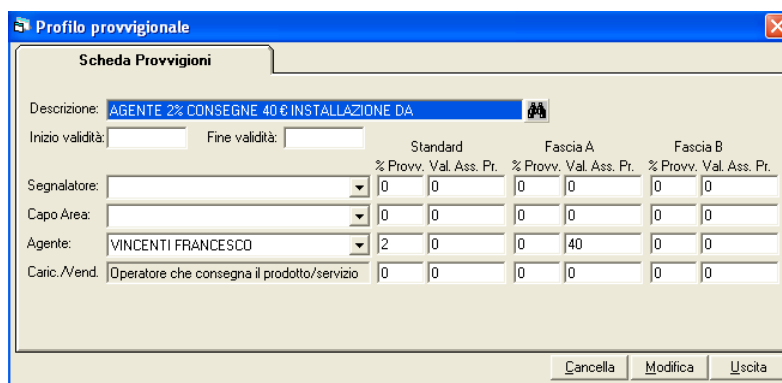
These data will be automatically recorded and used for the calculation of the commissions.

For the press go to GD Admin Print Commissions, prizes, promotions.

Example of commission rule:

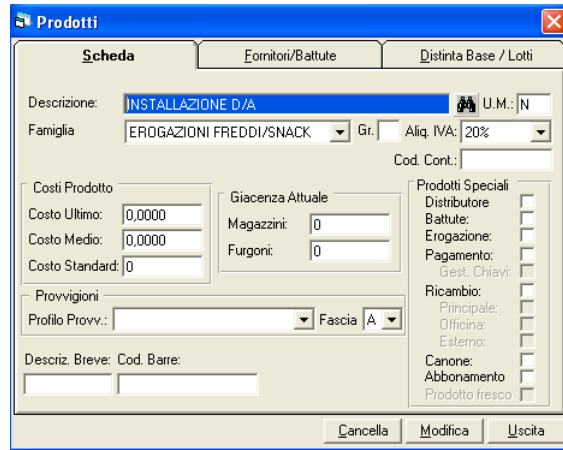
When my agent I want to give 2% on all products, and 40 euro for each machine installed at a customer:

I will apply the commissions created profile to the customer or customer site, the commissions profile must be completed as shown



	Standard			Fascia A			Fascia B		
	% Provv.	Val. Ass.	Pr.	% Provv.	Val. Ass.	Pr.	% Provv.	Val. Ass.	Pr.
Segnalatore:	0	0		0	0		0	0	
Capo Area:	0	0		0	0		0	0	
Agente: VINCENTI FRANCESCO	2	0		40	0		0	0	
Caric./Vend. Operatore che consegna il prodotto/servizio	0	0		0	0		0	0	

in product sheet, the product "D / A installation" must be a product belonging to band A, as shown in the figure



The table Profile awards

The table Profile awards, accessible from the Tables menu of GD under the item **Commissions and Promotions**, contains the parameters for the calculation of any prizes to be assigned to the operators. Each prize is characterized by a description that identifies it, by a value that identifies the limit of the amount sold, by the related percentage commission linked to the calculation of the premium on sales and by a value that shows the cadence of the calculation of premium (Monthly, Bimonthly, Quarterly etc).

This card allows the recording of some data that allow the assignment of a prize to an operator.

The various items that make up the Form are described below:

Description: Field to enter the description of the prize profile in question.

Sold Limit: Minimum value based on which a prize can be awarded.

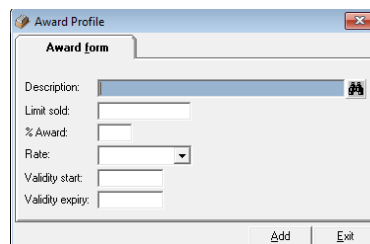
% Premium: Percentage value of the prize awarded to the operator.

Cadence: frequency (monthly, quarterly, yearly, etc.) With which the premium is awarded.

Validity start/Starting: date for awarding the prize.

End of validity: Deadline for awarding the prize.

If the "date" fields are not filled in it means that the prize profile in question is always valid, if they are filled in it means that the prize profile in question applies only to the selected period.



Example of a commission bonus:

Considering the data shown in the form above, we note the following data:

Description: Premium of 5,000 Euro

Award: 1% to 5,000 Euro sold per month

Valid from xx / xx / xxxx **to** xx / xx / xxxx

How much described above, means that a premium of 1% is granted upon reaching a sold amount, on a monthly basis, equal to 5,000 euros and there is no expiry date for the validity of the assignment of this type of premium.

This data will be automatically recorded and used for the calculation of OC premiums.

Options for application fields of commissions

In the General Settings of GD Admin, options A, it is possible to decide whether to apply the commission rules to all movements / detections of Counts / Taking or if to limit oneself to some particular category (for example, to give commissions only for the deliveries on machines with delivered products).

Furthermore, in the case of machines with total stops, it could happen that more than one operator performs the deliveries but only one detects the measures: in these cases, if desired, it is possible to divide the commission on the receipts, so that the resulting collection from the survey, it is divided according to the number of visits made to that dispenser by each operator.

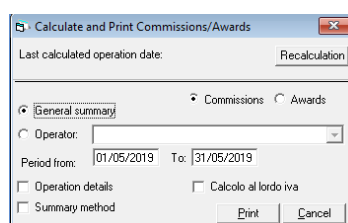
It is also possible to create commission rules with negative percentages, to manage cases in which a specific commission is reduced in the presence of a specific customer or in the case of delivery in a specific area.

Commissions in installments

Instead of using the commission rules that can be set in the Commissions profile table, it is possible to apply directly to the tab prizes and commissions of the individual operator's registry if the commission to be managed is to be managed, which are the reference levels (the amount up to which the indicated commission applies) and the relative percentages.

Print Commissions and Awards Report

From the Print menu of GD Admin you can access the Commissions and Awards print. Before printing, check the date of the last calculated movement and, if necessary, do the recalculation. The commissions and premiums summary allows you to have a printout, with or without details of movements, commissions or premiums due to commercial operators.



Commission printing reports both commissions calculated on the accrued and those calculated on sales.

How the calculation of the commissions takes place

The calculation of the commissions is carried out on the amount net of VAT of each movement carried out in the various commercial states. These states are:

sold (delivered to the end customer),

accrued (paid by the end customer).

Having actual amounts related to the sale, similar to payments to which different VAT rates are applied and it is not possible to define for each payment the competence rate at the time of payment, or to know which specific purchases the customer pays with respect to a global balance to be collected, the amounts of sales net of VAT will be deducted in relation to the incidence of application of each rate on the total sold.

For example, the sale of € 10 to 20%, € 5 to 10% and € 15 to 4%, leads to a sale of € 30 to be paid and, if the customer subsequently pays € 10, to these must be separated VAT by applying 20% on 33% of the gross amount, 10% on 12%, 4% on 50%.

At the end the paid (accrued) net of VAT will be $2.64 + 1.08 + 4.8 = 8.52$, on this basis the commissions will be calculated and paid.

The total amounts relating to sold and accrued, are shown at the foot of the report, together with the amount related to the suspended. The suspended is calculated as the difference between the sold and the paid.

These amounts are also shown in detail by product, together with the relative quantities of the product itself.

The report in its detailed form shows, together with the total values, extremes and values of the individual sales movements carried out.

The products supplied also include the installation and withdrawal performance of the dispenser or other services categorized as products supplied.

Similar analysis reports allow the comparison of subsequent periods, in order to deduce the performance of the commercial network.

In particular, a form of report shows, on a periodic monthly basis (from month to month) and annual, the total monthly amounts of sales and suspended relative to the entire commercial network, to a particular network level, to a single OC, to a single customer, to a single area etc.

All reports, where the necessary information is objectively available, report 'updated' data to a reference period chosen by the user.

The reference period (start date and end date) must be requested when the report is selected for printing by the user, together with the possible selection of a particular OC to which to limit the analysis.

In the case of failure to specify the specific OC, the report is made for all the OCs managed, separating the competences of each in specific sub-reports.

To integrate the sales network management functions and network performance analysis, it is possible to manage and print the contractual formula for the sale of free-standing vending machines.

The different percentages are always cumulated in the case of application of the different provisional profiles.

Amounts in absolute value are understood to be unitary with respect to delivery. (if I deliver three products I have 3 x absolute value as a percentage).

Possibility of separating from the commissions a distinct collection amount

For those who already use the Bill of amounts with the company price entered on the collection product to charge the percentage of rebate / rent that it gives to its customer, it has the possibility to automatically reduce the value of the rebate / rent from the commissions of the operators. In essence, the calculation of the commission can deduct this amount from the total so as not to give commissions on figures that are already entirely given to the customer, provided that the relative check is ticked.

Field of application for calculation of commissions / awards:		
☒ V/M Delivered Products	☐ V/M Coffee Group Counts:	☐ V/M Supply
☐ V/M Total Counts	☐ (with apportionment)	☐ V/M Water Group Counts:
☐ Calculate commissions net of the bill of amounts (% Collection)		

Promotions logic

Promotions make it possible to build customer loyalty and are based on the fact that to achieve a set target, management intends to reward the consumer customer.

With the evolution of the OCS market and of the pods in particular but not only, new mechanisms for price management and / or promotion and customer loyalty have become particularly useful, in particular for those who buy at the store. For this reason the original logic has also been extended to manage further cases, such as having different prices for multiple deliveries of the same product without having to manage different products or price lists.

To configure the promotions, simply go to the Commissions Profile menu in the Tables / Commissions and GD promotions menu and choose the type of promotion desired.

General data (valid for all types of promotions)

Each promotion profile includes, in addition to the description, the insertion of

- a validity period.
- A "Departure" or if the promotion is active from the validity start date or if it is active from the date of delivery of the fidelity card to the individual customer (specified in the customer card)
- The participants (ie the customers for whom the promotion is activated) who can be the selected ones ("by choice"), also chosen individually in the appropriate tree divided by customer category , or all those with a loyalty card.
- A lens in pieces or points or jokes as appropriate

Promotions for price cutting management

This type of promotion allows you to sell at different prices based on the amount of product purchased by the customer. For this type of promotions the goal must be indicated in pieces.

When selling a quantity of a product equal to or greater than the stated objective, instead of the price on the site's price list, the list price specified in the promotional price of price cutting is applied.

You can create multiple promotional price cutting profiles with a different Objective value and therefore have a different price depending on the objective achieved, bearing in mind that the price charged on the entire sale is the one indicated in the promotion with the highest goal.

For example, three promotional profiles can be created for the price to scale down:

for a given kit of pods, I create two promotional price-cutting profiles called "price 3-5" and price "over 5". At this point:

if the customer buys a piece or two I apply the list price of the customer site
if the customer buys from three to five prices, the price applied to each of the pieces is that indicated in the "price 3-5" profile

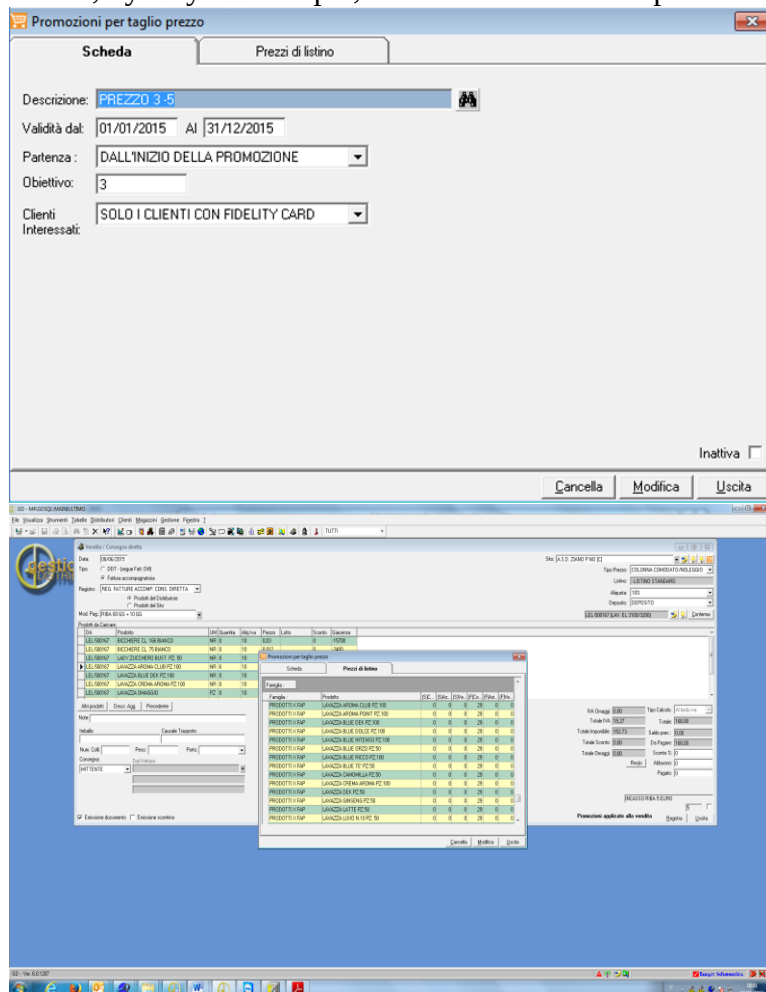
if the customer buys 6 or at least more than five prices, the price applied to each of the pieces is the one indicated in the "over 5" profile.

To manage a situation like this it is necessary to set the value 3 in the first and the value 6 in the second

NB1: each product is considered separately, so the objective must be reached for the specific product. In each profile it is however possible to indicate different products if the objectives are consistent.

NB2: At the moment the commissions that act directly on the sale price are available only on the PC (therefore operating with the Direct Sales / Delivery or the synchronized modification). In the future they will also be available on portable terminals.

Below, by way of example, the screenshots of the profiles to be created



Promozioni per taglio prezzo

Scheda | Prezzi di listino

Descrizione: **PREZZO DOPO 5**

Validità dal: 01/01/2015 Al: 31/12/2015

Partenza: DALL'INIZIO DELLA PROMOZIONE

Obiettivo: 6

Clienci Interessati: SOLO I CLIENTI CON FIDELITY CARD

Inattiva ☐

Promozioni per taglio prezzo

Prezzi di listino

Famiglia /

Famiglia /	Prodotto	(S)C...	(S)Az...	(S)Ve...	(F)Co...	(F)Azi...	(F)Ve...
PRODOTTI X FAP	LAVAZZA AROMA CLUB PZ.100	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA AROMA POINT PZ.100	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA BLUE DEK PZ.100	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA BLUE DOLCE PZ.100	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA BLUE INTENSO PZ.100	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA BLUE ORZO PZ.50	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA BLUE RICCO PZ.100	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA BLUE TE' PZ.50	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA CAMOMILLA PZ.50	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA CREMA AROMA PZ.100	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA DEK PZ.50	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA GINSENG PZ.50	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA LATTE PZ.50	0	0	0	28	0	0
PRODOTTI X FAP	LAVAZZA LUXO N.10 PZ.50	0	0	0	28	0	0

The application of the promotions described herein to Direct Sales / Delivery would be:

Prodotti da Caricare:

DA	Prodotto	UM	Quantità	Aliq.Iva	Prezzo	Lotto	Sconto	Giacenza
LEL-500167	BICCHIERE CL. 166 BIANCO	NR	0	10	0,03		0	-15700
LEL-500167	BICCHIERE CL. 75 BIANCO	NR	0	10	0,012		0	-2400
LEL-500167	LADY ZUCCHERO BUST. PZ. 50	NR	0	10	0,6		0	-636
LEL-500167	LAVAZZA AROMA CLUB PZ.100	NR	1	10	38		0	-773
LEL-500167	LAVAZZA BLUE DEK PZ.100	NR	0	10	37		0	-322
LEL-500167	LAVAZZA CREMA AROMA PZ.100	NR	0	10	35		0	-777
LEL-500167	LAVAZZA OMAGGIO	PZ	0	10	100		0	0

Altri prodotti | Descr. Agg. | Precedente

Note:

Prodotti da Caricare:

DA	Prodotto	UM	Quantità	Aliq.Iva	Prezzo	Lotto	Sconto	Giacenza
LEL-500167	BICCHIERE CL. 166 BIANCO	NR	0	10	0,03		0	-15700
LEL-500167	BICCHIERE CL. 75 BIANCO	NR	0	10	0,012		0	-2400
LEL-500167	LADY ZUCCHERO BUST. PZ. 50	NR	0	10	0,6		0	-636
LEL-500167	LAVAZZA AROMA CLUB PZ.100	NR	3	10	29		0	-773
LEL-500167	LAVAZZA BLUE DEK PZ.100	NR	0	10	37		0	-322
LEL-500167	LAVAZZA CREMA AROMA PZ.100	NR	0	10	35		0	-777
LEL-500167	LAVAZZA OMAGGIO	PZ	0	10	100		0	0

DA	Prodotto	UM	Quantità	Aliq.Iva	Prezzo	Lotto	Sconto	Giacenza
LEL-500167	BICCHIERE CL. 166 BIANCO	NR	0	10	0,03		0	-15700
LEL-500167	BICCHIERE CL. 75 BIANCO	NR	0	10	0,012		0	-2400
LEL-500167	LADY ZUCCHERO BUST. PZ. 50	NR	0	10	0,6		0	-636
▶ LEL-500167	LAVAZZA AROMA CLUB PZ.100	NR	6	10	28		0	-773
LEL-500167	LAVAZZA BLUE DEK PZ.100	NR	0	10	37		0	-322
LEL-500167	LAVAZZA CREMA AROMA PZ.100	NR	0	10	35		0	-777
LEL-500167	LAVAZZA OMAGGIO	PZ	0	10	100		0	0

Promotions for score accumulation

This type of promotions allows you to accumulate points based on what was purchased by the customer based on different rules calculation that can be applied or not in cascade, also to configure articulated situations.

They replace the previous scoring promotions, which are still temporarily available to manage the transition, by clicking on the menu and holding down the CTRL key.

The calculation of the score takes place automatically when a new sales movement is entered and it is also possible to have a preview of the situation (which customers are interested and with which scores) before making a promotion Executive.

As with the previous promotions, the achievement of the promotion is highlighted for each name in the Customers folder of the Alarms window and unlike the previous ones, the number of times the promotion has been reached is also shown.

In addition to the general data described above, further parameters are available in the scoring promotions:

Action: This item allows you to choose whether sales that fall within the promotion simply generate an accumulation of points or if they determine an actual benefit in subsequent sales, for example to apply a different price list for those who reach a certain objective
At present, two options are available: a "Base (accumulation of points)" and a "Change price list to achieve target", but in the future further options will be included.

Points accumulation rules

Two options are available which parameterise the score based on the pieces (bars) sold or on the basis of the amount sold (number of points = amount in euros): -

Score for each product sold, or for each sale the number of points is increased by a value equal to the Quantity x (Caffè. Bar Beats + Water Group Batt.).

For example, if you sell 2 waffle kits of 100 beats to a customer, you get 200 points.

- Score for each euro of value of sales, or

Sum of points on:

Allows you to add the points of one promotion to another in order to achieve articulated logics merging the scores calculated with different rules in the same promotion "father". A typical case may be the one involving the rotation of particular products "marked" in the different periods with additional scores (eg articles marked with tag, the purchase of which is a double pod (capsule or capsule = 2 points)

Multiplier

Allows to have a multiple point increase for each piece (bar) or euro sold

By default the multiplier is equal to 1 (so for example 1 bar = 1 point) but it is possible to insert different values to change generating ad hoc scores for example in based on the products

Example selling a particular product, for each piece to have a double score compared to other products

Products:

Allows you to choose which products (or entire product families) are affected by the promotion

Priority:

If the sale falls under the conditions set by more than one accumulation rule, the value entered in priority decides which rule is applied first (priority plus other means prece denza) and with the check mark "Stop applying rules with lower priority" it is possible to establish whether any subsequent rules (with lower priority) must or not be considered.

NB1: A promotion can be modified until it is made enforceable with the appropriate check: from that moment it can only be made inactive for the future, but the scores obtained remain assigned to the customers.

NB2: The calculation of the score is carried out considering all the sales movements carried out on a PC or even on PDAs, while, at the moment the commissions acting by changing the sale price are only available on the PC (therefore operating with the Direct Sales / Delivery or the synchronized change). Also in the future these will also be available on portable terminals.

Executive:

A promotion starts calculating the score from the moment the Executive box is checked. From that moment it is no longer modifiable and if required, it can only be made inactive.

The actual increase in scores and the generation of alarms linked to the achievement of the promotion occurs only for Executive promotions.

However, before being made Executive it is possible to see the effect of a promotion by testing it on the previous movement: for this reason, from the Promotion page it is possible to use the View button, which is obviously available as long as the promotion is not Executive.

GAdmin / Print / Handling / Promotions summary

With this function it is possible to see the general situation of the Executive promotions, with the movement of the different customers that generates score. If desired, it is also possible to view in addition also the overall effect of the promotions entered but not yet rendered Executive, by checking the appropriate check (in this case it is also possible to indicate a reference date, which acts). Data relating to promotions that are not yet Executive are displayed in blue, so as to be immediately intelligible, both in the customer tree and in the detail grid. As usual, the grid can also be grouped and sorted by any column, and this allows any summary to be obtained.

Detail of movements with promotions

It is possible to have, divided by promotion, a summary of all the movements that contribute to the increase of the score of each customer with all the necessary information. The function can be called directly from GAdmin and shows a window similar to the GD Explorer with a promotion

tree and inside the customers who are interested. Clicking on the promotion in the list on the right displays all the movements, while if you click on a single customer, the list will only show its movements.

Simulation of the effect of the promotions

To understand the impact of a promotion it is possible to simulate the effect taking into account the already recorded delivery movements and inserting promotions that also fall into the past. The function that allows this calculation can be called directly from GDAdmin and shows a window similar to the GD Explorer with a promotion tree and inside the customers that would have been interested. Clicking on the promotion in the list on the right displays all the movements that would have been considered and if you click on a single customer, the list will show only the movements related to it. In the simulation it is possible to indicate a reference date, and only promotions active on that date will be considered in the simulation.

Displaying scores for a customer

The promotions icon is available both in the Customer tab and in the Direct Sales / Delivery section and allows you to have the detailed situation of all the promotions that insist on him with his score.

TelemetryManagement

TelemetryGD - Coges Avantis

GD can be connected to Coges' Avantis Telemetry system.

It is advisable to activate the connection between the two systems once the Avantis system has been installed, configured and tested with at least one test dispenser. As regards the configuration and use of the Avantis system, refer to the relative documentation.

The cooperation between GD and Avantis can take place at two levels: fault management and acquisition of breakdown statistics (ticket audits) and partial statistics; the data is exchanged through a connection between the SQL Server databases of the two systems and is in EVA-DTS format.

1) Connection between the databases

To activate the connection, the first operation to be performed on the server where the two databases of the two systems are installed is to run the TriggerAvantisCrea.sql patch from gdExportSql in the usual way. If in the future you decide not to connect the two systems anymore, the TriggerAvantisCancella.sql patch must be executed. In practice, upon receipt of a new telemetry event from the dispenser Coges / Avantis writes it in its database and immediately the data is replicated in the GD database.

2) Telemetry events

Each fault, alarm, signaling, but also partial or collection statistics (Audit ticket) flows into GD in the telemetry events table, which can be consulted by opening the relative screen from the alarm window (Settings folder).

For each alarm control (manual or automatic, based on the settings) GD checks for any new telemetry events received and processes them, or makes the data available in the forms already present. For example, if the system receives a fault, it will be shown in the appropriate Devices area of the alarm window (as is the case for the other proprietary telemetry systems already managed in GD). If the system receives a collection statistic (Audit Ticket for Avantis), the statistics will be available in the payment data acquisition. For other events (eg partial dispenser statistics), the data can be displayed directly by double-clicking on the event line in this window.

3) Configuration for fault management

As far as fault management is concerned, nothing changes in GD compared to what is already present for the other telemetry systems, in the sense that the faults are displayed in the alarm window under the item Devices. We refer to the manual or relative bulletin for how to manage and use information about faults.

To activate fault detection, after activating the GD-Coges Avantis connection, it is sufficient to set the Coges system in the dispenser card (in the maintenance folder) and write the ID of the point of sale specified in the Avantis configuration. The ID identifier entered in GD must be set in Avantis Client Reference in the sales point form

4) Configuration and management of collection statistics (Audit Ticket)

When the appropriate button is pressed, the Avantis system transmits statistics in format EVA-DTS that can be imported directly into GD through the Payment data acquisition function, where a new TELEMETRY entry appears between the acquirable systems. The payment system must obviously be appropriately configured on the dispenser (as if the acquisition were made in the traditional manner). The data can obviously be registered in GD as usual, obviously once the operator has returned or has downloaded the daily route. In practice for the acquisition data from the payment system coming from the telemetry GD does exactly what it would have done to acquire the data physically, only that the EVA-DTS data are those coming from Coges / Avantis rather than from the DataKey or from the palmtop.

GD Telemetry - BitX

GD can be connected to the BitX telemetry system to receive faults and / or to collect statistical data from vending machines.

It is advisable to activate the connection between the two systems once the BITX system has been installed, configured and tested with at least one test dispenser. As regards the configuration and use of the BITX system, refer to the relative documentation of the manufacturer

From the point of view of GD, the BITX system is implemented in a similar way to those previously supported and allows you to have faults in the list of alarms (devices). active on vending machines. Furthermore the statistics taken can be imported into GD through the data acquisition function from payment systems by choosing the Telemetry option in the systems list. The list of telemetry events can always be obtained from the List of alarms, from the settings folder or from GDAdmin thanks to the specific print.

To configure the connection, simply go to the required dispenser on the Maintenance Sheet and set the type of BitX system in the Events / Faults pane, indicating in the IMEI field the serial number of the BITX module installed on the machine.

On GDAdmin, from the print menu, checklists, it is possible to access the item Telemetry failure checklist which allows to print all telemetry events (faults, alarms) coming from the dispensers

Improved management of the telemetry of the vending machines

The faults / events are monitored separately and have an icon separate from the other alarms. Furthermore, it is possible to set its control at predefined intervals and not on the basis of operator inactivity on the PC, as happens for all other signals. The icon (which appears next to that of the alarms only if telemetered dispensers are available) can be a barred antenna (if disabled), an antenna with green radio waves (active control but ok) or a triangle of red alert with radio waves (fault / event detected by a dispenser)

Improved management of BitX and EVA-DTS

alarms The management of faults / alarms received by EVA-DTS telemetry systems and in particular by the BitX system has been completed.

Improvement to BITX telemetry systems - Watchdog management

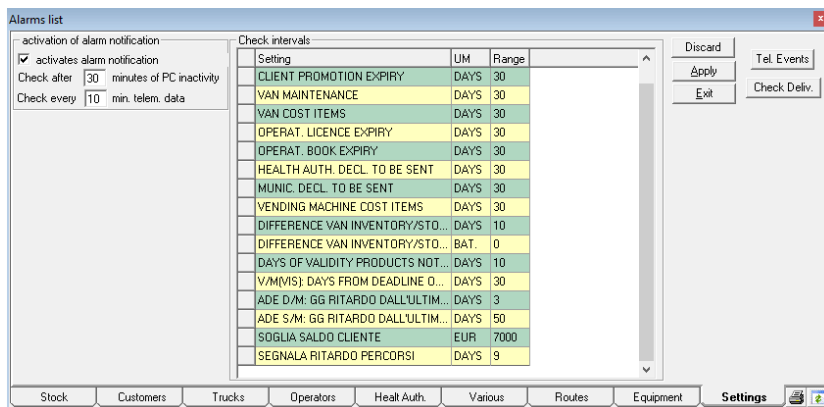
The EIW message (active machine signaling) is sent at regular intervals by telemetry systems to certify their being "in life". This message is managed in the form of a real watchdog, ie an alarm in the absence of message reception.

Therefore the EIW is no longer displayed as previously in the alarm window (since its arrival means in practice that everything is in place) but instead a message is displayed when it does not arrive by

more than 800 minutes (for the machines that have telemetry and that they received one in the last ten days 14400 minutes). These values, if desired, can be customized with a special patch (but obviously must coincide with those of the telemetry system).

NRI Telemetry Currenza Airport

The new telemetry system integrated in the NRI Currenza Airport coin validators has been implemented among the telemetry systems supported by GD. To activate it, simply set NRI as the type of telemetry system for the events in the dispenser card (Maintenance folder) and the telephone number of the sim mounted inside the coin validator. All the fault reporting features already present for other telemetry systems are also available for the NRI system.

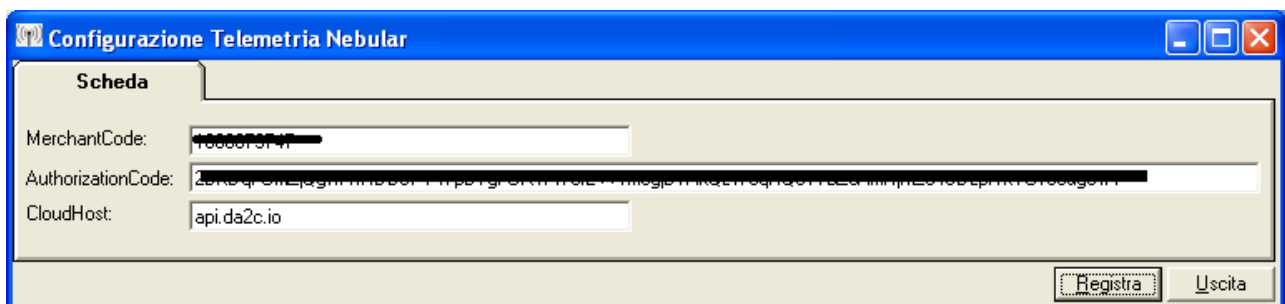
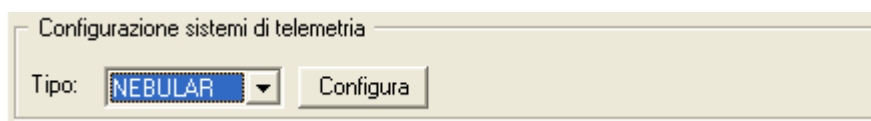


Nebular Telemetry System

From this version the new Coges Nebular can also be connected to GD. Obviously the telemetry system must already be configured and used in management, but from this version GD allows each V/M to be connected to the corresponding Nebular module in turn connected to the Engine systems and to the Unica change-giver.

First of all it is necessary to connect your GD installation choosing Nebular among the systems available in the General Settings of GDAdmin and pressing the Configure button and copying in the fields the connection parameters received from Coges for your installation

General configuration



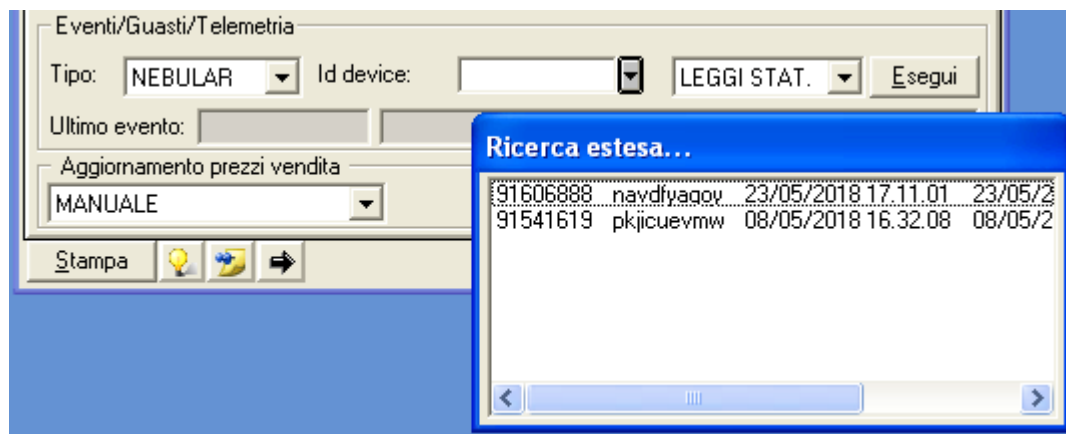
After pressing Register the system comes connected to GD who periodically asks him to exchange data of common interest. Confirm the general settings and wait a minute for the system to align with the cloud. At this point, reopening the settings and resuming the Nebular Configure button accesses

a series of service lists that in the normal use of GD it is not necessary to use but allow to understand the state of the cloud and contain:

- The list of Nebular devices (Engine and coin validator systems)
- Active alarms (they are currently open faults)
- Alarms received (all fault messages not yet picked up)
- Detail of all online sales
- List of received audits
- Command queue
- Service log

Connection between a vending machine and the Nebular telemetry module

The first thing to do as for all telemetry systems is to match each Nebular device to the dispenser (coin validator): this can be done directly from the Maintenance card of the dispenser (Events / Faults / Telemetry) by entering the Serial or choosing from those available. Once the association has been made all the events, the sales and in general the data coming from the system are combined with the GD dispenser.



Once the association has already been memorized on the dispenser card, it is possible to:

- Request a partial statistic (without zeroing)
- Request the reset of the dispenser
- Request the sending of the prices / lines configured in GD
- Set the number of total deliveries that the machine is able to perform from full load and the threshold below which you want to have the under escort alarm.

The first three operations can also be requested massively from the device list by selecting the devices and then giving the command with the right button.

Logic of Nebular commands

Keep in mind that a Nebular system in the field periodically connects to the cloud (generally every 15 minutes) and is able to execute one command at a time, so if a command is given before the other has been picked up from the device on the dispenser and executed, the previous command is lost.

On the other hand, online sales as well as alarms are instead transmitted in near real time from field devices to the cloud and GD acquires them by default every 3 minutes, based on what is specified in the alarm list settings

Elenco Allarmi

Attivazione notifica allarmi

☒ Attiva notifica allarmi e eventi telemetria

Verifica dopo minuti di inattività del PC

Controlla ogni minuti dati telemetria

Intervallo di controllo

Impostazione	UM	Range
▶ SCADENZA CONTRATTI	GG	30
SCADENZA AZ. COMM CLIENTI	GG	31
MANUTENZIONI FURGONI	GG	32

Svecchia Eventi Tel.
 Applica Check Cons.
 Uscita

Scorte Clienti Furgoni Operatori (14) ASL/Comuni (72) Varie (11840) Percorsi (254) Apparati **Impostazioni**

- . telemetry implemented in GD, also for Nebular it is possible:
- the display of open faults with the possibility of creating requests for technicians starting from and with the data of the event ()
 - the display of partial statistics
 - the possibility to reset the dispenser
 - the possibility to send the sales prices and associated associated lines of the system (current or to be applied, depending on whether a planned price list has been created or that a change is made live)

Management Logic and Alarm List

The Alarm list function allows the verification and possible automatic notification of alarms on possible critical issues that cover a wide range of management data.

An alarm means the occurrence of a condition of possible criticality, which is highlighted in the alarm list window with all information useful for understanding the problem.

Each user can decide what type of alarms to activate and where required, which interval in days compared to the expiration date, monitor and display as an alarm.

To access the alarm window, click on the alarm icon in the GD status bar, or from the View menu by selecting the Alarm list item.

This area shows different icons depending on whether the automatic notification of the alarms is activated or whether you are in a verified alarm condition.

If the automatic alarm notification is deactivated, the icon displayed is a small alarm clock with a cross on it. In this condition GD does not independently verify the alarms, but the user can check by clicking on them if there are alarm conditions.



If the automatic alarm notification is active, in practice GD checks for alarms during PC inactivity. In this case the icon when the control is active but there are no verified alarms is a small alarm.



While when there is an alarm the icon becomes a red triangle with an exclamation point of alert.



The visualization takes place in a window organized in sub-folders in which each folder shows an area of competence of the alarm itself.

In the folder **Settingssettings** notification and alarm control are displayed.



Automatic verification is performed after a certain number of minutes of PC inactivity, which can be specified by the user. However, by disabling the alarm notification, the user can still view the criticalities, only that the occurrence of these is not automatically notified: one realizes that one is in an alarm condition when the window is opened.

The displayed alarms disappear when the condition that generates them is corrected or when, due to the passing of days, they are no longer checked with respect to the given settings.

At the bottom right of each intervention area (Stocks, Customers, Vans etc.) an icon is displayed that allows you to refresh, or to re-check the alarms and update the display accordingly (the icon although present in all folders, it recalculates all the alarms and not only those of the current folder, so regardless of where you are, simply press the button once to update all the folders themselves. You can print the alarm list from the appropriate icon of print located at the bottom right

The monitored alarms are:

1) **Stocks:**

Exceeding the level of underwriting in the deposits for each deposit / product where a minimum stock value is specified.

2) **Customers:**

Approximation of the expiration and / or expiration of the client's end contract date

Approximation of the expiration and / or expiration of the date of the next commercial action on the clients' agreement

Reaching the promotion set. The lines are marked with the identifier PROMO and the alarms can be eliminated gradually by double clicking on the line

Failed to reach the value entered in the contract sheet for each customer that is below the expected value (threshold) indicated, specifying from which threshold between beats and actual receipts the alarm arises.

SOGLIA					
SOGLIA	AUTOMASSARINI SRL	LIM. BATTUTE	06/11/2013	23	
SOGLIA	AUTORIMESSA ROSSI (DEMO BOCCIONE)	LIM. INCASSI	04/11/2013	27	

The value of the last 30 days is calculated once a day and can be forced with the Check Cons button if desired. in the alarm settings folder

It is also possible to have the list of customers who have exceeded the expected unpaid amount threshold. This makes it possible to keep the data relating to defaulting customers under control, focusing on those that exceed the chosen threshold. It should be noted that the data is at the customer card level, so in the case of multiple sites, it sums up any amounts to be paid for the various sites.

GG VALIDITA' PROD. NON MOVIME...	GG	80
DA (VIS.): GG DALLA SCADENZA UL...	GG	60
ADE D/M: GG RITARDO DALL'ULTIM...	GG	3
ADE S/M: GG RITARDO DALL'ULTIM...	GG	169
SOGLIA SALDO CLIENTE	EUR	1500

3) **Vans:**

Approximation of the expiration and / or expiration of the next maintenance date for the maintenance operations of the vans that provide for date ranges.

Approximation of the expiry and / or expiration of the End Period date for the cost items of the vans (usable by deadlines, stamp, insurance...)

4) **Operators:**

Approaching the expiry and expiry of the validity of the operators' license

Approaching the expiry and expiration of the validity of the health records of the operators

5) LHA / **Municipalities:**

Exceeding the limit of days from the last declaration to the municipalities at the level of the single municipality and divided by type of declaration (see section of the joint declaration)

Exceeding the limit of days from the last LHA declaration at single LHA level and divided by type of operation (Installation / Withdrawal)

In the case of declarations to the municipalities, the verification is slightly different. In practice the program identifies the customer sites for which a declaration must be issued, common by municipality. If for each of the municipalities the first installation date (ie the oldest date, relative to the sites to be declared) falls within the specified range, then the alarm is displayed.

The case of declarations to the LHA is similar. In practice, the program identifies the dispensers for whom an LHA declaration must be issued for LHA. If for each LHA the first installation date (ie the oldest date, relative to the installations / withdrawals to be declared) is within the specified range, then the alarm is displayed.

6) **Miscellaneous:**

dispenser costs The

Miscellaneous tab displays the alarms for the approaching expiry of **the dispenser costs** (usable for the renewal of leases, electricity, water and more)

Approaching the expiration and expiration, means that the the alarm is highlighted if the expiration date of a particular element, compared to today's date, falls within a range of +/- the days indicated.

In practice, for example, if the XY deadline was October 15 and the set range is 30 days, the program will begin to highlight the alarm from 30 days before to 30 days after the expiration date itself, so the alarm will be visible from 15 September to 14 November.

dispensers out of the standard range

In the tab *Miscellaneous* (as in the GdAlerter) the alarms are visible for the presence of a delay from the last product delivery for the dispensers (based on the charging interval in days present in the Other Data tab of the dispenser). The Alarm **DA (VIS.)** is displayed together with the expiration date (ie the expected visit date) until the delay does not exceed the "GG from the last visit expiration" value, which can be changed in the Alarms settings folder (60 days by default)

Open customer requests marked as Urgent The

Miscellaneous tab displays **Urgent Open Customer Requests** which are marked as "Urgent" with the "RIC. URG. ".

Despite being included in the Miscellaneous folder, a new separate line is also displayed in the GdAlerter to have more evidence of it even when you are out of GD.

Failure to break down

It is possible to indicate, in the dispenser's history / delivery folder, a break-in interval, ie the alarm can be set to be given once the number of days indicated in the "" field **break-away alarm days** with respect to the last recorded income.

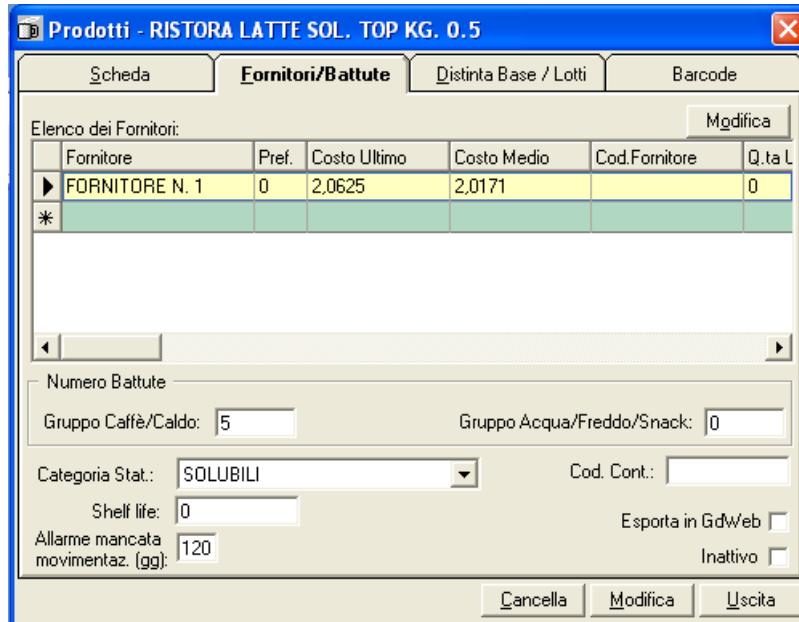
The lockout alarm is displayed in the Miscellaneous folder, if the value in days set is greater than 0, and the number of days elapsed and the expiry date is indicated.

With this additional setting, the alarm (or the block that requires the collection of the palmtop, see **Reminder of withdrawal of collection on palmtop**) can be set so as not to be displayed at each visit, guaranteeing in any case that the machine , if visited, it is punched every certain number of days.

Failure to move products to dispensers with the possibility of sending them to handhelds.

It is possible to set a type of alarms that occur when certain products for which you have chosen to have the signal are no longer delivered in dispensers. This avoids that perishable products (eg milk in the summer season) remain too long in the dispenser, as well as that certain snacks do not have enough rotation on the machines.

To activate the alarm it is necessary, for each product, to enter the interval beyond which the alarm is signaled in the field **Missed movement alarm**.



The screenshot shows the 'Fornitori/Battute' tab of the 'Prodotti - RISTORA LATTE SOL. TOP KG. 0.5' window. It contains a table of suppliers and their costs, and a section for setting alarm parameters.

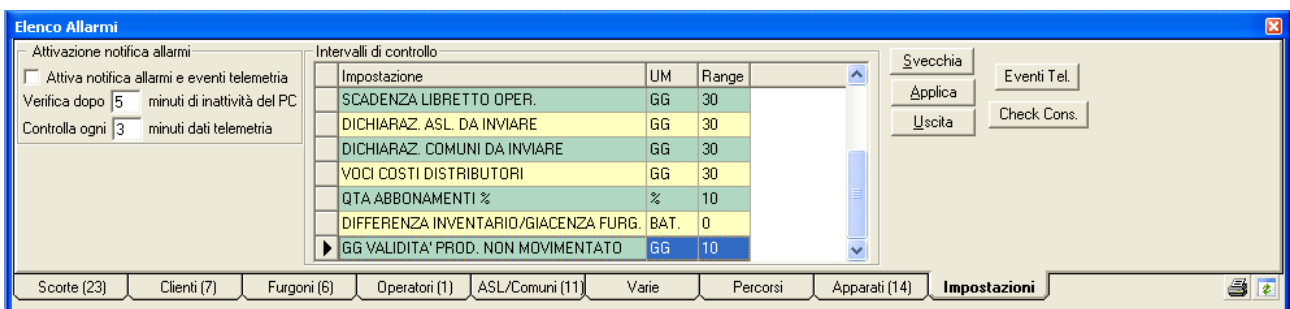
Fornitore	Pref.	Costo Ultimo	Costo Medio	Cod.Fornitore	Q.ta L.
▶ FORNITORE N. 1	0	2,0625	2,0171		0
*					

Below the table, there are input fields for alarm settings:

- Numero Battute: Gruppo Caffè/Caldo: Gruppo Acqua/Freddo/Snack:
- Categoria Stat.: Cod. Cont.:
- Shelf life:
- Allarme mancata movimentaz. (gg):
- Esporta in GdWeb: ☐
- Inattivo: ☐

Buttons at the bottom:

The information relating to the intervals on the individual dispensers is processed once a day when the alarms are checked, according to the methods specified in the settings of the alarm window itself (**GG validity of product not handled**); the calculation can however be re-executed forcibly through the button **Check Deliveries**.



The screenshot shows the 'Elenco Allarmi' window. It has a left sidebar for activation settings and a main table for alarm intervals.

Left sidebar (Attivazione notifica allarmi):

- ☐ Attiva notifica allarmi e eventi telemetria
- Verifica dopo minuti di inattività del PC
- Controlla ogni minuti dati telemetria

Main table (Intervallo di controllo):

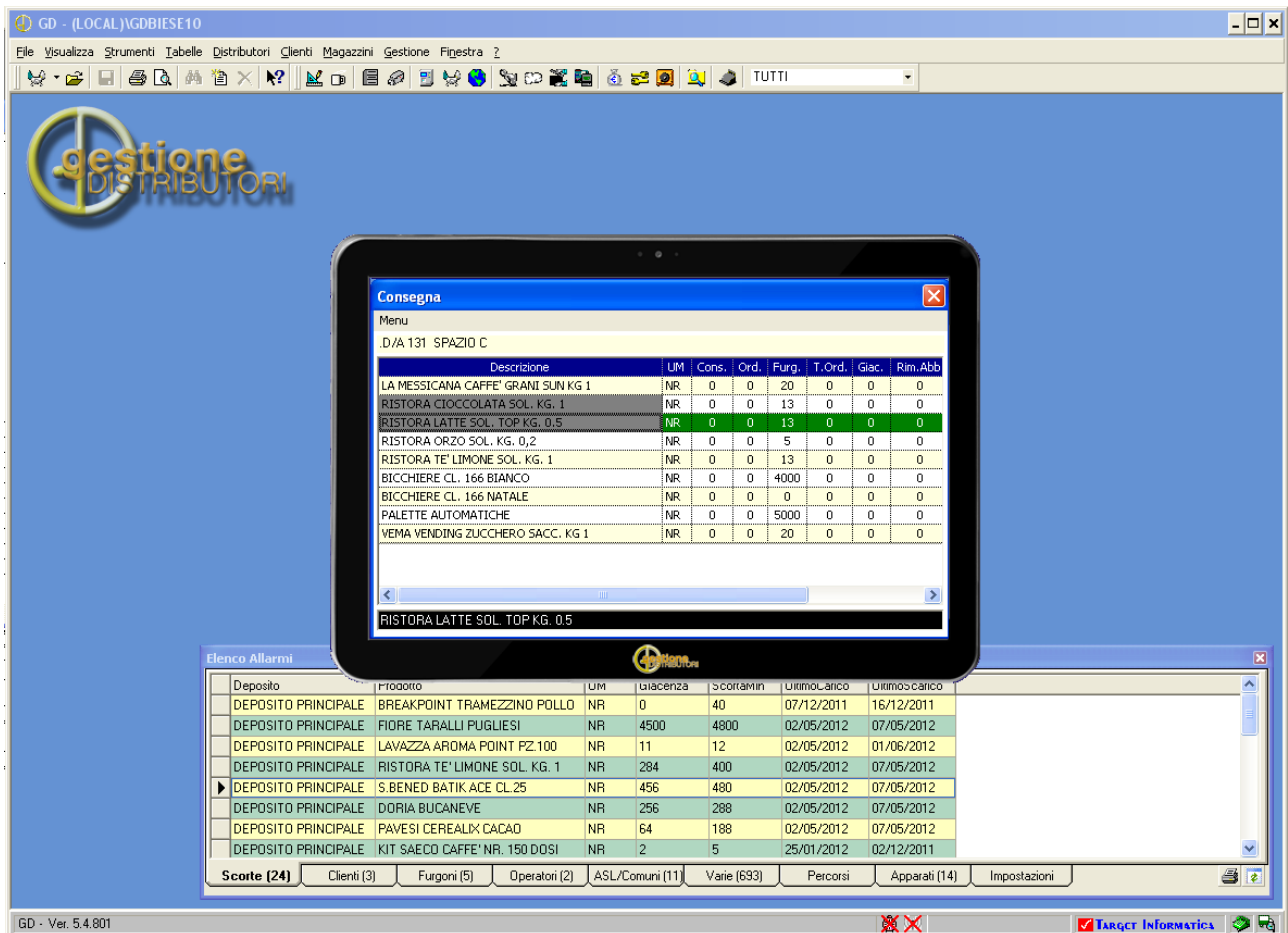
Impostazione	UM	Range
SCADENZA LIBRETTO OPER.	GG	30
DICHIARAZ. ASL. DA INVIARE	GG	30
DICHIARAZ. COMUNI DA INVIARE	GG	30
VOCI COSTI DISTRIBUTORI	GG	30
QTA ABBONAMENTI %	%	10
DIFFERENZA INVENTARIO/GIACENZA FURG. BAT.	BAT.	0
▶ GG VALIDITA' PROD. NON MOVIMENTATO	GG	10

Buttons on the right:

Bottom status bar: Scorte (23) Clienti (7) Furgoni (6) Operatori (1) ASL/Comuni (11) Varie Percorsi Apparat (14) **Impostazioni**

To prevent non-significant alarms from accumulating, the alarms remain these and are communicated for a duration equal to twice the validity days set in the alarm control intervals (10 by default). In practice, if the milk is set for 120 days and the last milk delivery on a particular dispenser took place over 120 days ago, the alarm is communicated for the entire period between 110 days and 130 days (ie between 10 days before and 10 days after the deadline). Once the 131st day has passed, the alarm disappears as it is assumed that the user is not interested in the problem.

For routes sent to handhelds, alarms on individual products are highlighted with a dark background, so that the loader can verify the situation and perform the necessary actions.



Consegna

Menu

D/A 131 SPAZIO C

Descrizione	UM	Cons.	Ord.	Furg.	T.Ord.	Giac.	Rim. Abb.
LA MESSICANA CAFFE' GRANI SUN KG 1	NR	0	0	20	0	0	0
RISTORA CIOCCOLATA SOL. KG. 1	NR	0	0	13	0	0	0
RISTORA LATTE SOL. TOP KG. 0.5	NR	0	0	13	0	0	0
RISTORA ORZO SOL. KG. 0,2	NR	0	0	5	0	0	0
RISTORA TE' LIMONE SOL. KG. 1	NR	0	0	13	0	0	0
BICCHIERE CL. 166 BIANCO	NR	0	0	4000	0	0	0
BICCHIERE CL. 166 NATALE	NR	0	0	0	0	0	0
PALETTE AUTOMATICHE	NR	0	0	5000	0	0	0
VEMA VENDING ZUCCHERO SACC. KG 1	NR	0	0	20	0	0	0

RISTORA LATTE SOL. TOP KG. 0.5

Elenco Allarmi

Deposito	Prodotto	UM	Giacenza	Scorta min	Ultimo Lancio	Ultimo Scarico
DEPOSITO PRINCIPALE	BREAKPOINT TRAMEZZINO POLLO	NR	0	40	07/12/2011	16/12/2011
DEPOSITO PRINCIPALE	FIORÉ TARALLI PUGLIESI	NR	4500	4800	02/05/2012	07/05/2012
DEPOSITO PRINCIPALE	LAVAZZA AROMA POINT PZ 100	NR	11	12	02/05/2012	01/06/2012
DEPOSITO PRINCIPALE	RISTORA TE' LIMONE SOL. KG. 1	NR	284	400	02/05/2012	07/05/2012
DEPOSITO PRINCIPALE	S.BENED BATIK ACE CL.25	NR	456	480	02/05/2012	07/05/2012
DEPOSITO PRINCIPALE	DORIA BUCANEVE	NR	256	288	02/05/2012	07/05/2012
DEPOSITO PRINCIPALE	PAVESI CEREALIX CACAO	NR	64	188	02/05/2012	07/05/2012
DEPOSITO PRINCIPALE	KIT SAECO CAFFE' NR. 150 DOSI	NR	2	5	25/01/2012	02/12/2011

Score (24) Clienti (3) Furgoni (5) Operatori (2) ASL/Comuni (11) Varie (693) Percorsi Appalti (14) Impostazioni

GD - Ver. 5.4.801 Target Informatica

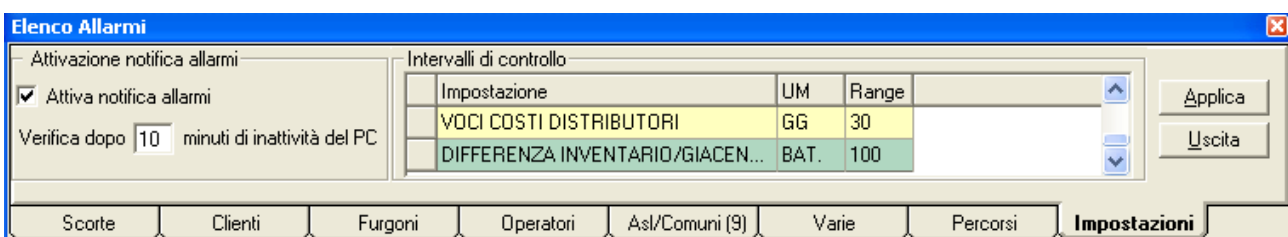
7) Routes:

These are different alarms from the others as they are not verified and calculated in real time like all the others, such as the inventory control or those related to the various deadlines. On the contrary, they are verified when the route is reloaded, and once the alarm conditions have been verified, they remain on the list.

Among other things, if activated in the General Settings, these alarms can block the start of a route, subsequent to the one where the alarm occurred, as long as an operator, enabled to consult and equipped with any password to unlock alarms, do not view the same, have verified the problem in the field, possibly adding your notes and finally released the alarm itself.

The control of alarms on the routes is activated in Options B of the General Settings of GD Admin.

It is possible to introduce a threshold in order to exclude signals that are considered as not significant: this threshold can be set in the alarm window under Settings. The set value is to be understood as fault tolerance, that is to say setting the value 100, for example, the alarm is generated if the load of the van when returning home differs from the inventory of more than 100 characters.



Elenco Allarmi

Attivazione notifica allarmi

☒ Attiva notifica allarmi

Verifica dopo 10 minuti di inattività del PC

Intervallo di controllo

Impostazione	UM	Range
VOCI COSTI DISTRIBUTORI	GG	30
DIFFERENZA INVENTARIO/GIACEN...	BAT.	100

Applica Uscita

Score Clienti Furgoni Operatori ASL/Comuni (9) Varie Percorsi **Impostazioni**

The Routes alarm compares the stocks of the van, according to what is shown on the handheld, with respect to the inventory made in the special mask of the terminal.

Elenco Allarmi							
Tipo	Descrizione	Voce	Qtà	Valore	Data Perc.	Cod. Perc.	
▶ INV.FURG.	INVENTARIO NON ESEGUITO	FF 566 ED CARI LUIGI	0	0	24/04/2008	39	

Scorte

Clienti

Furgoni

Operatori

Asl/Comuni (9)

Varie

Percorsi (1)

Impostazioni

GDAlerter

In addition to signaling alarms inside GD, there is an additional alarm signaling program called **GDAlerter** which is automatically started by GD (if the "Notification of alarms and telemetry events" check box is enabled in the folder of the alarms). alarm settings). The program is independent from GD and therefore once started it remains running regardless, allowing you to know the status of the alarms even if you are performing other activities on the PC. If desired, it can also be placed in Windows automatic execution and then started entirely on its own.

GD Alerte		
Score	27	
Clients	7	
Furgoni	1	
Operatori	0	
ASL/Comuni	16	
Varie	0	
Percorsi	0	
Apparati	14	

The presence of GDAlert is verifiable thanks to the presence of the GD alarm icon (a small alarm) in the taskbar (near the clock) which obviously changes if there is at least one alarm (a red alert triangle).

Double-clicking shows the number of alarms for each type and an alert icon is shown next to each item that is generating alerts of some kind. The last item is related to telemetry alarms (therefore those coming from telemetry systems installed on the dispensers). The GDAlerter window can be hidden with the Snooze button for the desired time, and in this case it does not automatically reopen until the time expires, unless the alarm is generated by the telemetry system (this type of failure often requires of rapid interventions). If you press close the program after confirmation is terminated.

By double-clicking on any of the elements displayed by the GD Alerter, if it is not already running, GD is automatically started and the alarm window is shown and specifically the folder for the selected element (eg. Double-clicking on the line) of alerter related to the stocks, GD is started and the list of the alarms related to the stocks is shown). If GD is already running, the alarm folder is displayed as long as there are no other windows or processes (such as starting a route) that block the application. To avoid conflicts, GDAlerter is automatically closed by GDExportSQL and by the database update / compression / backup and restore functions, or when the alarm signaling is deactivated by the GD alarm window settings.

Despite being included in the Miscellaneous folder, a new separate line is also displayed in the GdAlertter to have more evidence of it even when you are out of GD.

Client site location function via palmtop

With GD it is possible to locate a customer site directly from handhelds with a GPS detector (for example, the Pidion 5000 and 6000 handhelds.)

The menu is available on the "Site Detail" screen of the handheld. Localization can be used by users who have GDMap and GDTrack to locate customers directly in the field and / or to refine the automatic localization performed by the GDMap module, but it is still accessible even if you do not have these additional modules for future implementations.

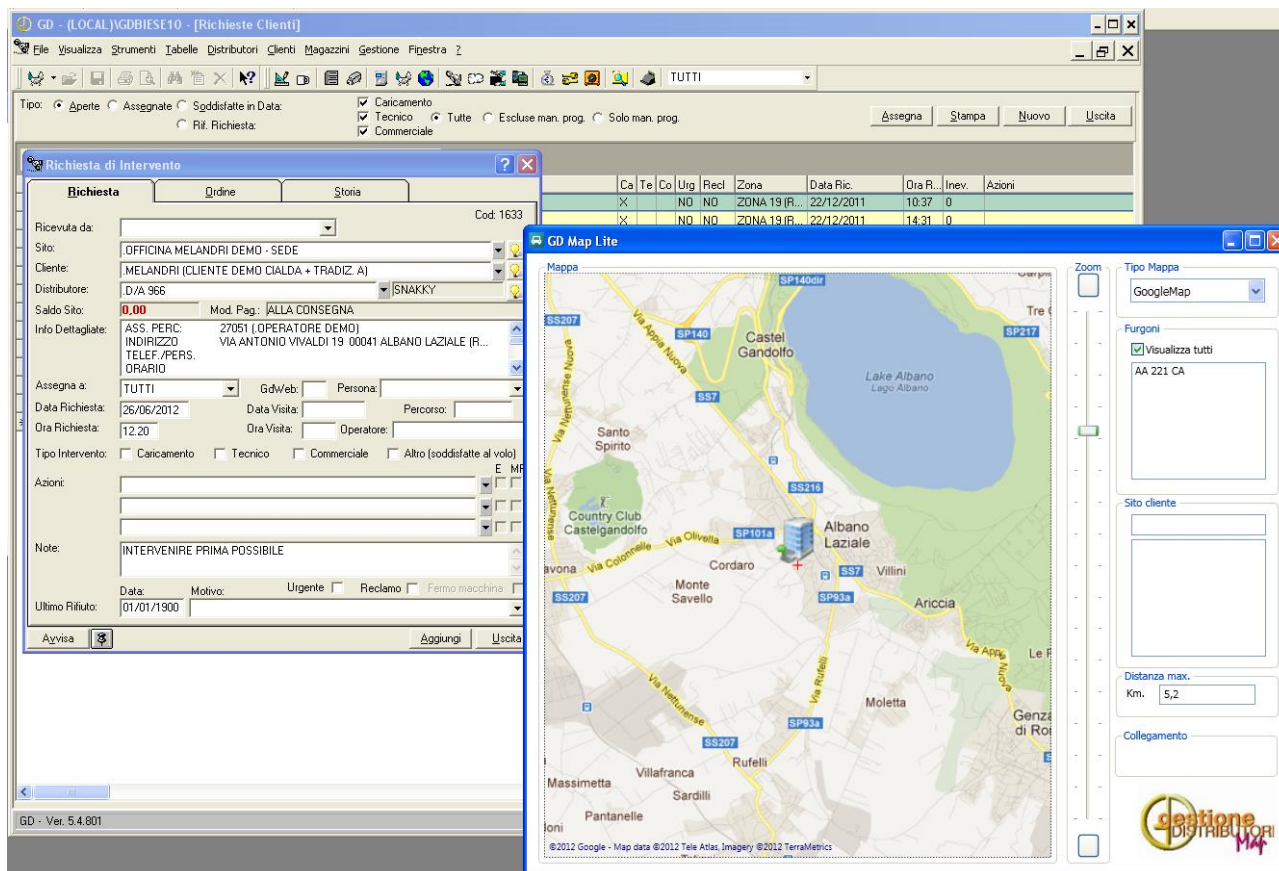
At the end of the localization the handheld informs the coordinates assigned to the site with a message. In the absence of sufficient GPS field or minimum number of satellites (generally 4), it will be communicated the impossibility to locate the site and the number of satellites detected.

NB: The location will actually be stored in GD only if there is an actual movement of the site to have a greater certainty that the location has occurred during a real visit.

The state of localization, if you do not have GDMap, can be viewed in the site tab (next to the Common field).

GDMapLite (Use in GD / GD1)

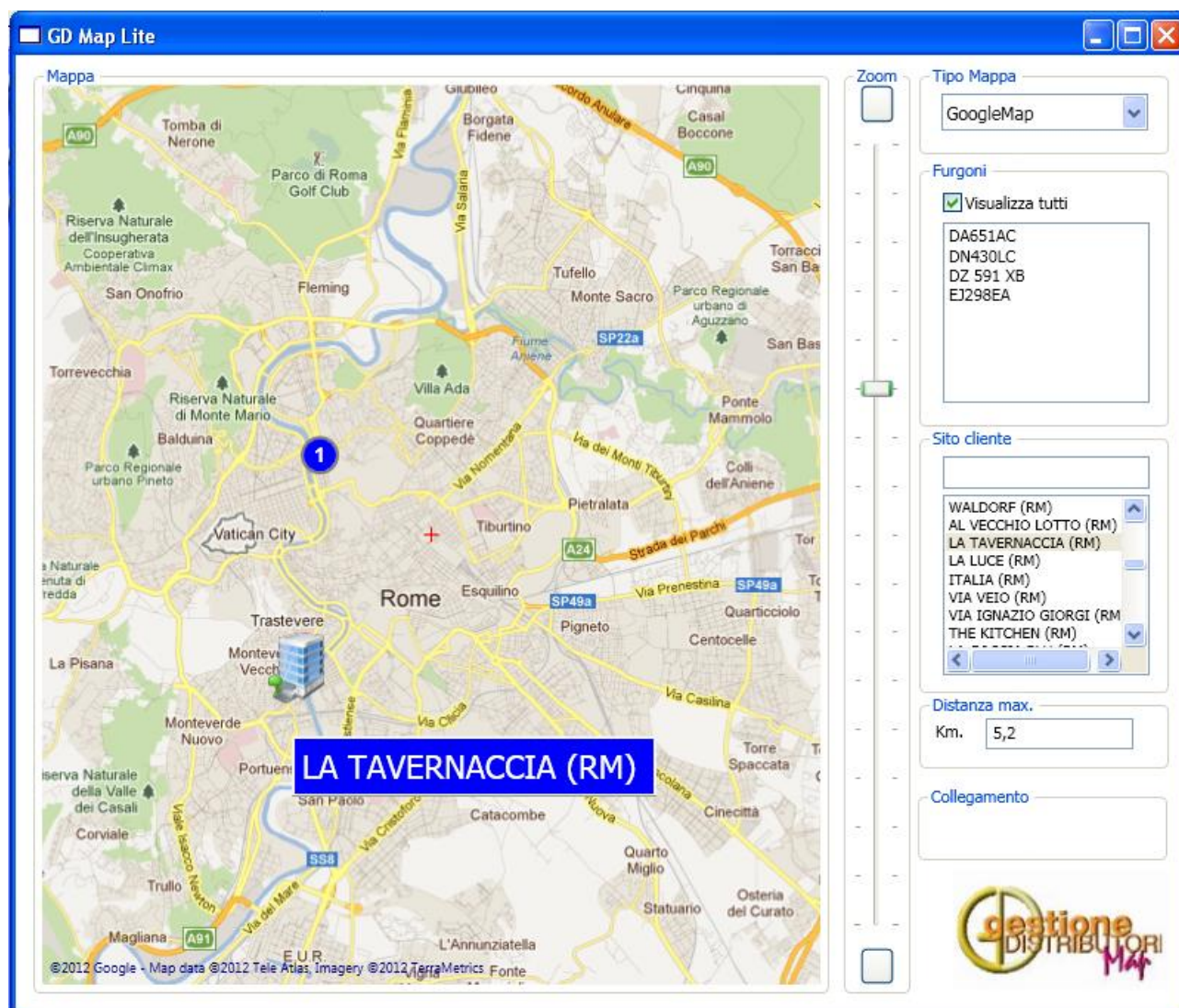
From version 5.4 it is available included in the basic module of GD a new functionality for displaying data on the map. With the use of the free Google Map service, which obviously requires a direct connection to the internet, it is now possible to view the position on the client sites map, through the localization based on the address entered in the customer site registry. The function is accessible directly from the telephone requests and from the customer site card of GD.



GDMapLite (Use in GD / GDone also having GDMobile available)

If you have the GDMobile module, the GDMapLite using the GDMobileServer, also displays the positions of the vans / terminals equipped with GDTrack and shows the real-time position of the sites next to the individual vans tracked. To access this function, simply select Locating vans from the Magazines menu of GD.

It is possible to search for the address of the sites directly on the maps of Google Maps and view the movement of the van. By entering the vehicle's range and focusing on a single vehicle, the customer sites that are within the van's range of action are displayed in real time.



NB: For users who have the standard GDMa module, all functions remain unchanged and access to GDMaLite with Google cartography will be accessible by holding down the CTRL key while clicking on the classic pin symbol in the functions where it is provided (a  present on the customer site card, in the management of telephone requests and in the Vans Location accessible from the warehouses menu).

Point of Sale

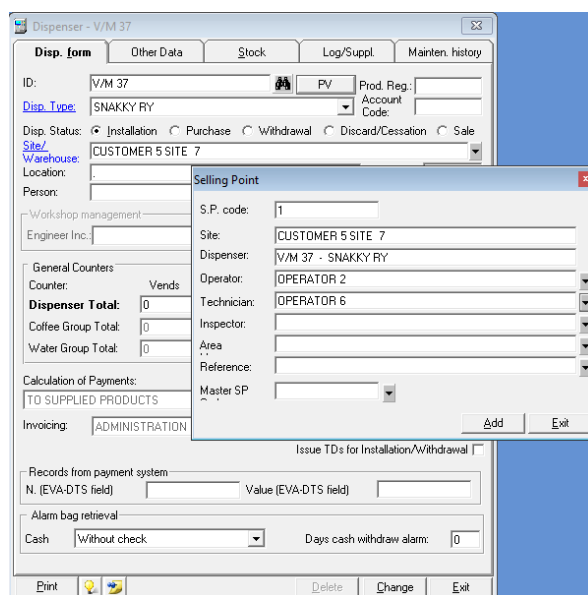
Management The management of the Point of Sale (PV) partially overlaps with that of the dispensers but still allows a different type of management compared to the traditional canons of GD.

As the name implies, the point of sale represents the dispenser through which the products are sold and then delivered to the end customer, not identifying however with a specific serial number and therefore with a physical machine, except for the period in which the machine itself is installed at the customer site. In practice the logic of the registries based on Customers, Customer Sites and dispensers is not changed, but we can say, in GD terms, that the PV is the association between a dispenser and the site that contains it.

The substantial difference lies in the fact that when a dispenser is replaced, if desired, the PV can remain the one already defined and the new machine installed replaces the existing one. All this makes it possible to create, regardless of the physically present dispenser, an association between the PV and the staff that takes care of it, in the different roles foreseen, namely Operator, Technician, Inspector, Area Manager and Other reference.

In such a way as to establish that, independently of the dispenser installed, the PV created will be served by that operator and by that technician.

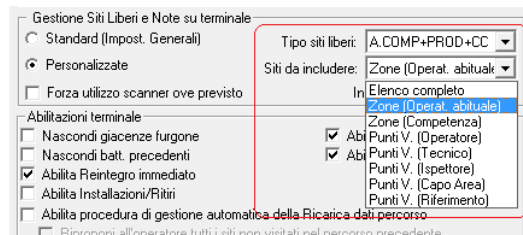
See example image



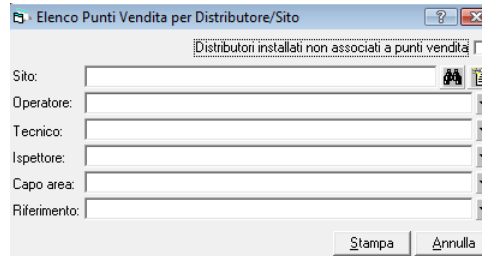
If the PV management is active (GD Admin - General Settings - Options B) GD automatically assigns, at the time of its creation, a progressive numeric PV code to the dispenser that is installed on the site, storing all the related information. This is done both in the dispensers screen and in the Installation Configuration Wizard.

In the Installation Configuration Wizard, for managing the PVs, there is an option that assigns the PV number to the ID of the payment system.

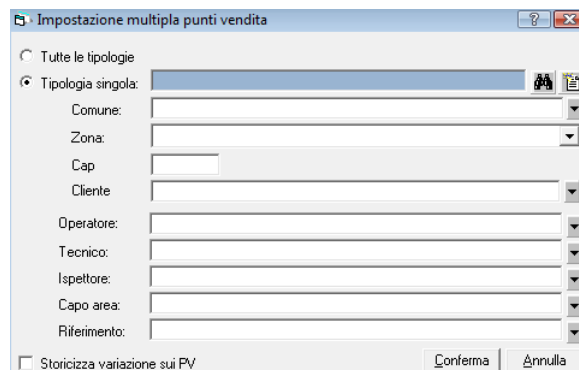
The PVs can be used to send the free sites of competence to the various operators, as shown in the settings of the free sites, in the Advanced Options folder of the Operator Data table.



On the GD Admin print menu it is possible to print the PVs.



On the Management menu of GD Admin there is the Multiple Points of Sale function that allows you to select the sales points based on various criteria and update the connected personnel, with historicization or not.



Printing on GD Admin printing Customer Zones and Customer Sites shows the PVs if present.

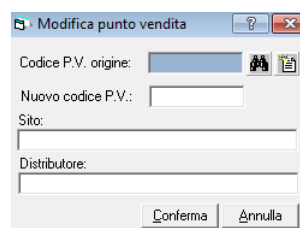
On the history folder of the client site and on the GDEXPLORER the PVs are displayed serial

The dispensers barcodes print to display the manufacturer's number and the PV number if present.

To search for dispensers based on PV, use the pipe character "|"

On Coin Count Acquisition, the F12 Button on bag recessed allows the entries to be entered if the PV, date and receipt are known.

The Edit PV code function, accessible from GDAdmin / Management / Change Point of Sale Code, allows you to assign a PV number of your choice to an existing PV. The program checks that the new number is not used. This function allows in the GD coaching phase with a second management that uses the PVs to assign an equal code between the two systems in the transition phase



GD Admin

GD Admin is that part of the program that allows, integrating with GD - Vending Machine Management and exploiting the stored daily data, to analyze in a detailed and comparative way the key information at the level of sites and dispensers, as well as globally for the entire management. GD Admin also allows you to perform analytical prints and checklists, and perform some administrative tasks of the system such as terminal initialization, database maintenance and product updating.

The GD Admin menu bar The GD Admin menu

bar is composed of the following menus:

File

Contains the functions to Open another Management, to set the printer, print preview and exit command.

Tools

Contains: general settings, declaration data to municipalities, database utilities, initialize Terminals, Copy Data Terminals, update GD.

Analysis

It allows the analysis of management data.

Print

Allows you to view and print all management data.

Management

It allows to unload the van, to reactivate a GD element and to access the additional Microsoft MapPoint module and the Commercial Module.

Window

It allows the management of the windows displayed according to the Windows standard.

"?"(Guide)

Allows you to view the Guide, the contextual Help, to directly access the websites www.gdvending.it and www.targetinformatica.it and to access information on GD Admin

The Analysis menu of GD Admin

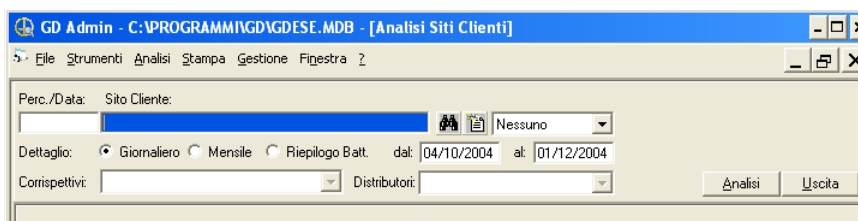
Analysis Customers Sites

It's one of the main function of analysis of the information coming from management data. It allows to analyze the site globally, or at level of single dispenser. The data detail can be **Daily** (every stage executed is singly shown and with all details), **Monthly** (the data are grouped on monthly basis) or **Recapitulation beats** (the data are globally recapitulated in categories dependent on the type of dispenser).

The analysis with Daily or Monthly detail have to be carried out based on the management modalities of the corresponding amounts on the machines present on the site, with possibility to analyze the machines which operate on the base of the DELIVERED PRODUCTS, those based on the BEATINGS, and those on the SUPPLIES, further divided for dispenser family.

Such categories are automatically charged, after having selected the site of interest, based on the installed machines (including the possible dispenser withdrawn, indicated with "Ret") Every analysis can be executed specifying the starting and ending date; the system proposes all the period of available dates (from the GD starting until today). The analysis of a category can be restricted to level of single dispenser, to have the specific data of the machine.

In analysis Customers Sites it's possible to select the site to analyze choosing from the list of all the present sites, or, if the field Route/Date is valorized with a number of route or a date, it's possible to choose it only among those which have been moved in such route/date.



Parameters of time to execute the Analysis Customers Sites

When you carry out the analysis of a customer site, GD determines the starting date as that of installation of the first V/M in the customer site, or if you select a specific V/M GD visualizes the installation date of the selected V/M, this happens until in GDAdmin/Tools/General Settings/A Options/Parameters Analysis you leave enabled the option Starting Date " **Automatic** ".

By setting on the contrary the option Starting Date " **Minimum date** " it's possible to execute the analysis of the customer site starting from a fixed minimum date (the fact of having set a fixed minimum date of analysis does not prevent from memorize correctly the history of the dispenser and helps the analysis as you are not obliged to modify the analysis date manually every time).

By setting on the contrary the option Starting Date " **Date last squaring** ", the user, after having made an analysis for a certain period, can set a Date of squaring or that of interval end of the executed analysis. This signifies that by the successive analysis will be proposed as starting date of analysis the day successive to the squaring date previously set. Obviously it's only a proposed date and is unbinding. In analysis the squaring date is set pressing the button function F9, after having made the analysis.

It's possible to have the printing which reports the squaring date of every customer by GD - Print menu - Control lists - Control list squaring date

Cases of analysis on the base of the type of calculation of the payments

In the **Analysis site with Daily Detail** are visualized some usual information, and other specific of the types of dispensers (payments) which you are visualizing.

There are three cases of analysis based on the type of calculation of the payments:

1. Site Analysis - small machines at products or beats.

2. Site Analysis - machines at traditional supply - of the warm - with one or more stroke-counter and/or at keys system.

3. Site Analysis - machines at traditional supply - of the cold - without stroke-counter.

Site Analysis - small machines at products or beats.

In particular for the machines at Delivered Products and for those at Total Beats, Group coffee Beats and Group water Beats, the visualized columns are:

Date: The date of execution of the visit

Cost: The total cost of the loaded products (based on the average purchasing cost of the products delivered in the stage)

Paid: A case which allows to visualize immediately what stages have been fully settled (it's present a mark) and what not.

To pay: Amount due by the customer in that visit

Paid: Amount paid by the customer

Number of invoice: The reference at the document possibly issued in visit

Beats of Strokecounter: Number of beats of the strokecounter (if registered, as not compulsory)

Beats Theoretical : The number of theoretical beats, calculated based on delivered products for the beats number (coffee group or water group) configured in the form of every single product.

Difference: The difference between Beats Strokecounter and Beats Theoretical

Number of columns product : A series of columns, one for every delivered product (which have in its product form a value different from 0 at the heading Number Theoretical Beats), indicating the number of theoretical beats charged on the machine generated by the product. Practically it's the disassembling of the value relative to the theoretical beats based on the product type

Operator: Operator who has carried out the delivery operation and/or beats withdrawal.

Effective Route : It visualizes the number of the route, in the daily analysis, so as to render more quick the deepening of possible arisen problems.

As far as the total are concerned:

Total Line: The total cost of the delivered products; the difference between the total to pay and the total paid in each visit, or definitely the settlement of customer (**Settlement**); the total of Beating columns Strokecounter, Beats Theoretical, Differences, and those of the delivered products.

Average Daily Line: Average of the daily consumptions (Beats Strokecounter and Beats Theoretical) calculated from the date of the first stage visualized until the date of the last one included, taking into account the weekdays of effective opening.

Other products: In the daily analysis of the site are then visualized the total of the delivered products which do not generate beats.

Test beats: It visualizes the total test beats registered

Site Analysis - machines at traditional supply with one or more strokecounter and/or at keys system.

For the traditional machines configured based on "Supply products" with strokecounter, selected on the base of the family of belonging of the dispenser, are visualized:

Date: The date of execution of the visit

Cost: The total cost of the loaded products (based on the average purchasing cost of the products delivered in the stage and valorized in theoretical beats)

Supply Theoretical : The number of theoretical supplies, calculated based on the delivered products and on beats number configured in the form of every single product, weighed whenever possible based on the configuration of the supply products, based on effective use of their components.

Supply Effective : The supplies registered in the product supply associated at the dispensers.

Theoretical Sale: The theoretical sale generated multiplying for every supply the beats number by the price of pricelist.

Effective cashing: The total cashing registered in the various stage in supply product "CASHING" in the office at the moment of counting out.

Number of columns product : A series of columns, one for every delivered product (which have in its product form a value different from 0 at the heading Number Beats), indicating the number of theoretical beats charged on the machine generated by the product. Practically it's the disassembling of the value relative to the theoretical supplies based on the product type

Operator: Operator who has carried out the delivery operation and /or beats draft.

Route Carried out : It visualizes the number of the route, in the daily analysis, so as to render more quick the deepening of possible arisen problems.

STOCKS: In case in which the last visit date (the last date visualized before the total amounts) coincides with a survey of the stocks on the dispenser, GDAdmin do not consider the load relative to the stage, and deducts from the beats (and then from products) the stocks of product of the machine. This allows, in the analysis, to integrate the information relative to the loadings, taking into account also the products still present in the machine. In such a case the line of last loading presents the wording **STOCKS** at side of the date and the stock values are indicated with a negative sign in the products columns.

Total Loadings: Are calculated as summing up of the relative columns (cost, Supply Theoretical, products columns)

Total Surveys: They are different based on the various columns:

- **col. Effective Supplies :** it contains the total of effective supplies, or the total of the registration of beats in supply products, coming or not from payment system.
- **col. Theoretical Sale:** it contains the theoretical sold value based on the calculation made summing up the value obtained multiplying every supply product for the number of effective beats registered.
- **col. Effective cashing:** It contains the total of the cashings registered in the supply products associated to every dispenser, counted in office or directly registered by the operators.
- **columns product:** It contains the quantity of every product component effectively consumed derived on the basis of the composition (base note) of the single supplies.

Payment Systems: They contain the information surveyed by the payment systems installed on the dispensers and which then are compared with the information contained on the total loadings and in the total surveys. These information are acquired automatically by GD in case in which the payment system is directly interfaced, or must be manually inserted in Revision Beats/Cashings specifying the payment System as registration type.

- **Total Cashed :** It contains the total of the cashings indicated by the payment system.
 - **for Recharging Keys :** It contains the cashings indicated by the payment system, relatively to those realized for the recharging of the user keys.
- **Overprice Cashing :** It contains the total of the overprice cashing indicated by the payment system.
- **Sold Total:** It contains the total of the sales indicated by the payment system, both through the keys and through cash.
 - **Cash:** It contains the sales indicated by the payment system carried out per cash.
 - **With the Key:** It contains the sales indicated by the payment system carried out through keys.
- **Unsuccessful Sale:** It contains the total of unsuccessful sales indicated by the payment system.
- **Keys Use:** It contains in percentage the relationship between the cashings realized for loading of the user keys and sales carried out with the key system, indicating however how much must be still spent by the users. For example, a Keys Use equal to 80% indicates that in front of a keys loading equal to 100, the users have spent 80 through the keys. The value is particularly interesting at level of site with several dispensers where is present a single machine which carries out the key loading.

Diff. Beats/Products: difference between total theoretical supplies and total effective supplies

Diff. EC - TC. difference Effective Cashing Total and Total Cashing

Diff. EC - ST: difference between Effective Cashing total and Sale Theoretical total.

Diff. Sold : difference between Total Sold and Theoretical Sale

Daily Average: Daily average values of every column calculated from the date of the first stage visualized until the date of the last one included, taking into account the weekdays of effective opening.

Beats Total V/M: It visualizes the progressive of the mechanical counter of the dispenser

Test beats: It visualizes the total test beats registered

Other products: In the daily analysis of the site are then visualized the total of the delivered products which do not generate beats.

Total costs: The total cost of the loaded products (based on the average purchasing cost of the products delivered in the stage)

Site Analysis - traditional supply machines without strokecounter

For the traditional machines of the cold configured based on "Supply products" without strokecounter, selected on the base of the family of belonging of the dispenser, are visualized:

Date: The date of execution of the visit

Cost: The total cost of the loaded products (based on the average purchasing cost of the products delivered in the stage and valorized in theoretical beats)

Supply Theoretical : In this type of machines not disposing of strokecounter, the effective supply are obtained by the number of the consumed products (and then by those reloaded, if you always reload at the maximum the dispenser at regular intervals) The number of theoretical supply is calculated on the base of the delivered products and of the number of beats configurated in the form of every single product.

Theoretical Sale: The theoretical sale is obtained multiplying the price of pricelist of the loaded products (specified in the pricelist associated to the site) for the number of loaded pieces.

Effective cashing : The total cashing registered in the various stage in supply product "CASHING" in the office at the moment of counting out.

Number of columns product : A series of columns, one for every delivered product (which have in its form a value equal to 1 at the heading Number Beats), indicating the number of theoretical beats charged on the machine generated by the product. For in the case of snacks and cans there is no transformation and are sold single pieces of the product, the expedient of assigning at these products the number of beats equal to 1 allows to control the machines.

Operator: Operator who has carried out the delivery operation and /or beats draft.

Route Carried out : It visualizes the number of the route, in the daily analysis, so as to render more quick the deepening of possible arisen problems.

STOCKS: In case in which the last visit date (the last date visualized before the total amounts) coincides with a survey of the stocks on the dispenser, GDAdmin do not consider the load relative to the stage, and deducts from the beats (and then from products) the stocks of product of the machine. This allows, in the analysis, to integrate the information relative to the loadings, taking into account also the products still present in the machine. In such a case the line of last loading presents the wording **STOCKS** at side of the date and the stock values are indicated with a negative sign in the products columns.

Total : Are calculated as summing up of the relative columns.

Payment Systems: They contain the information surveyed by the payment systems installed on the dispensers and which then are compared with the information contained on the total loadings and in the total surveys. These information are acquired automatically by GD in case in which the payment system is directly interfaced, or must be manually inserted in Revision Beats/Cashings specifying the payment System as registration type.

- **Total Cashed :** It contains the total of the cashings indicated by the payment system.

- for Reloading Keys:** It contains the cashings indicated by the payment system, relatively to those realized for the recharging of the user keys.

- **Overprice Cashing:** It contains the total of the overprice cashing indicated by the payment system.

- **Sold Total:** It contains the total of the sales indicated by the payment system, both through the keys and through cash.

- **Cash:** It contains the sales indicated by the payment system carried out per cash.

- **With the Key:** It contains the sales indicated by the payment system carried out through keys.

- **Unsuccessful Sale:** It contains the total of unsuccessful sales indicated by the payment system.

- **Keys Use:** It contains in percentage the relation between the cashings realized for loading of the user keys and sales carried out with the key system, indicating however how much must be still spent by the users. For example, a Keys Use equal to 80% indicates that in front of a keys loading equal to 100, the users have spent 80 through the keys. The value is particularly interesting at level of site with several dispensers where is present a single machine which carries out the key loading.

Diff. EC - TC. difference Effective Cashing Total and Total Cashing

Diff. EC - ST: difference between Effective Cashing total and Sale Theoretical total.

Diff. Sold : difference between Total Sold and Theoretical Sale

Daily Average: Daily average values of every column calculated from the date of the first stage visualized until the date of the last one included, taking into account the weekdays of effective opening.

Management Analysis

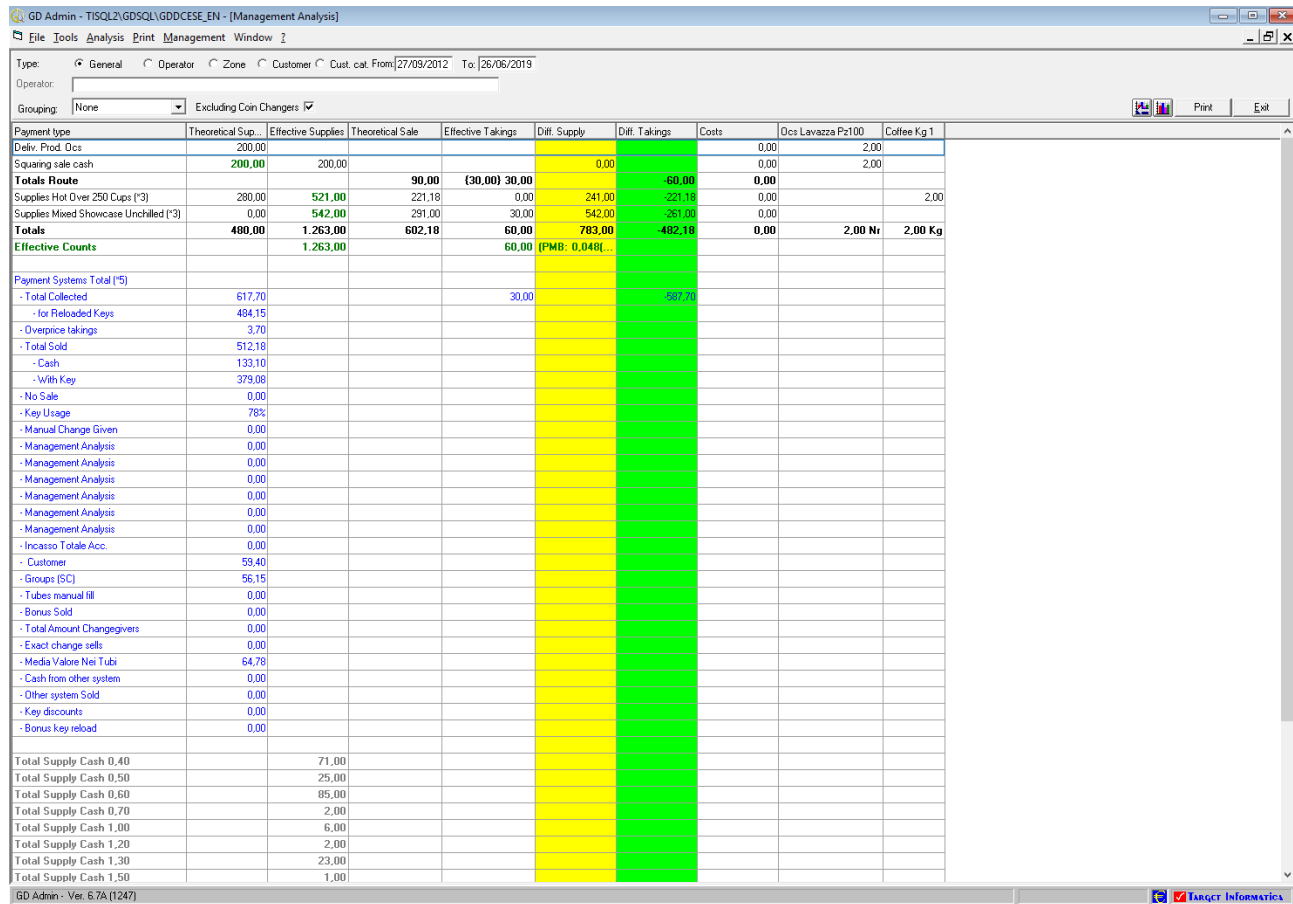
The management analysis allows to carry out an analysis of the management data totally, for operator or for zone The supplied data are grouped for type of calculation of the payments.

The visualized columns are always the same prescindendo from what under reported and their meaning can vary in dependence of the various lines They are:

Type payments (COL. 1) Theoretical Supplies (COL. 2) Theoretical Supplies (COL. 3) Theoretical Sale (COL. 4), Effective Cashing (COL. 5), Diff. Supplies, (COL. 6), Diff. Cashings (COL. 7), Costs (COL. 8) and a set of columns (from COL. 9 and after) with the detail for every product.

NB : Theoretical supplies and effective supplies depend on the type of payments and on the type of family/machines moved in the period, besides the fact that in the single families is checked or not the case without strokecounter.

The image that follows shows an example of the management analysis.



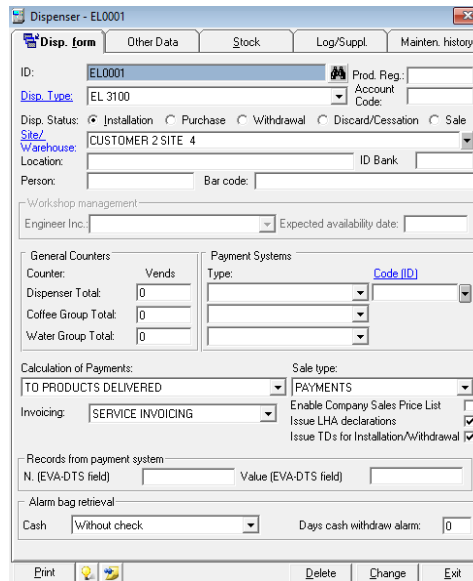
Payment type	Theoretical Sup...	Effective Supplies	Theoretical Sale	Effective Takings	Diff. Supply	Diff. Takings	Costs	Ocs Lavazza Pz100	Coffee Kg 1
Deliv. Prod. Ocs	200,00						0,00	2,00	
Squaring sale cash	200,00	200,00			0,00		0,00	2,00	
Totals Route			90,00	(30,00) 30,00		-60,00	0,00		
Supplies Hot Over 250 Cups (*3)	280,00	521,00	221,18	0,00	241,00	-221,18	0,00		2,00
Supplies Mixed Showcase Unchilled (*3)	0,00	542,00	291,00	30,00	542,00	-261,00	0,00		
Totals	480,00	1.263,00	602,18	60,00	783,00	482,18	0,00	2,00 Nr	2,00 Kg
Effective Counts		1.263,00		60,00	(FMB: 0,048(...				
Payment Systems Total (*5)									
- Total Collected	617,70			30,00		607,70			
- for Reloaded Keys	484,15								
- Overprice takings	3,70								
- Total Sold	512,18								
- Cash	133,10								
- With Key	379,08								
- No Sale	0,00								
- Key Usage	78%								
- Manual Change Given	0,00								
- Management Analysis	0,00								
- Management Analysis	0,00								
- Management Analysis	0,00								
- Management Analysis	0,00								
- Management Analysis	0,00								
- Management Analysis	0,00								
- Incasso Totale Acc.	0,00								
- Customer	58,40								
- Groups (SC)	56,15								
- Tubes manual fill	0,00								
- Bonus Sold	0,00								
- Total Amount Change/givers	0,00								
- Exact change sells	0,00								
- Media Valore Nei Tubi	64,78								
- Cash from other system	0,00								
- Other system Sold	0,00								
- Key discounts	0,00								
- Bonus key reload	0,00								
Total Supply Cash 0,40		71,00							
Total Supply Cash 0,50		25,00							
Total Supply Cash 0,60		85,00							
Total Supply Cash 0,70		2,00							
Total Supply Cash 1,00		6,00							
Total Supply Cash 1,20		2,00							
Total Supply Cash 1,30		23,00							
Total Supply Cash 1,50		1,00							

The **Effective Beats** (dark green line in the bottom)..... are those that sum up the more reliable datum for every category (line) and are those to consider as more indicative total value. Such values are stressed in dependence of every type/family as reported continuously and are emphasized in the analysis with value dark green in bold type.

The **APB** (Average price at beating) is surveyed by dividing the effective cashing (entered money) for the number of effective Beats.

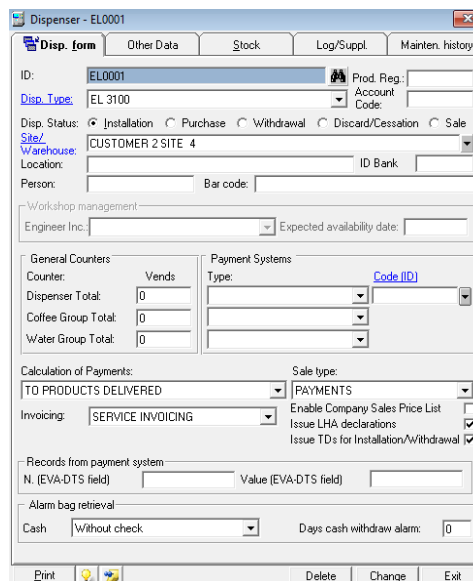
In the analysis the data are grouped in lines as follows: an overall line for all the machines belonging to every type of payments. The different possibility for the Payments are: Delivered Products, Total Beats, Group coffee Beats, Group water Beats, Supply.

Delivered products: (includes all the machines which have payments to delivered products not distinguishing among inserted possible families of dispensers)

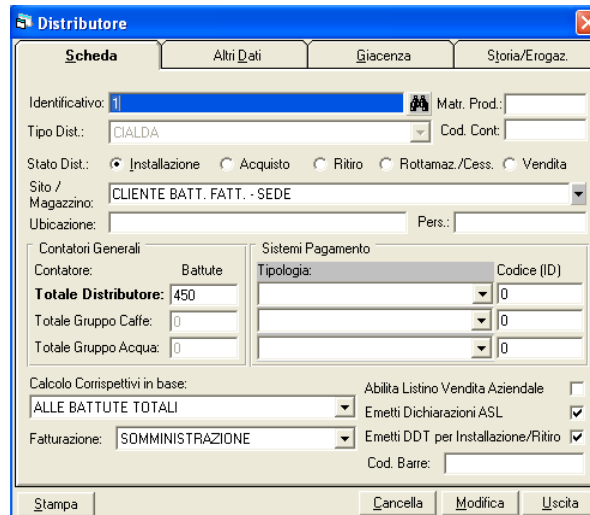


These dispensers are identified by the value present in every V/M at the heading corresponding amounts: for these machines, not being by the way compulsory the reading of the counters, the theoretical supplies (COL: 2) are those reliable and therefore used for the calculation of the EFFECTIVE BEATINGS; in fact, being a question of sale of products, the only positive noticeable datum is given by the teoretical supplies sold (or the product among sold quantity and value present in the form product according to the formula (coffee beats + water beats) * sold quantity.

.....



Total beats: includes all the machines which have payments at total beats not distinguishing among inserted possible families of dispensers.



For these machines as the amount to pay is stated on the base of strokes read by the unique counter and registered in Total Beats V/M for the sale price, the effective supplies (COL. 3) are those reliable and are those used for the calculation of the EFFECTIVE BEATINGS.

Group Coffee Beats: includes all the machines which have payments at total beats not distinguishing among inserted possible families of dispensers .

For these machines as the "to pay" is stated on the base of the strokes read and registered in Beats Group Coffee, the effective supplies (COL. 3) are those reliable and are those used for the calculation of the EFFECTIVE BEATINGS.

Group Coffee Beats: includes all the machines which have payments at total beats not distinguishing among inserted possible families of dispensers.

For these machines as the "to pay" is stated on the base of the strokes read and registered in Beats Group Coffee, the effective supplies (COL. 3) are those reliable and are those used for the calculation of the EFFECTIVE BEATINGS.

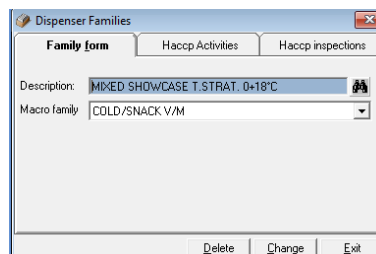
In the column **Costs** (COL. 8) are visualized the costs of the delivered products (average cost of purchase of the product for the quantity of delivered product).

From COL: 9 on it's possible to have the **theoretical total beats** of every delivered product which generates beats (having value in the a.m.product form) obtained with the formula **(coffee beats + water beats)*sold quantity**.

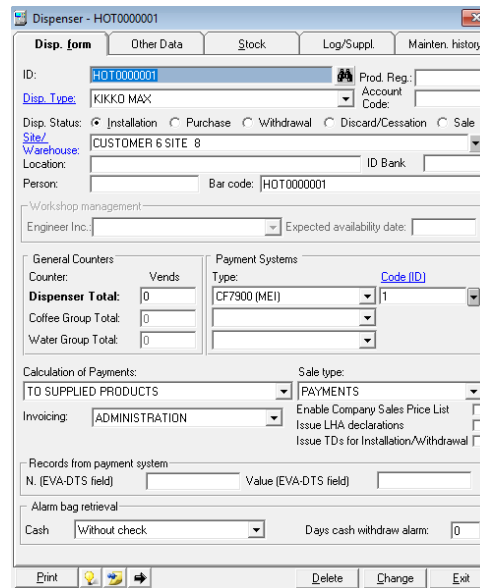
The headings possibly not present (normally the last two or Group coffee Beats and Group water Beats) are not visualized.

Follows the line **Total Route** : because for every visit to the customer site are not available detailed information concerning what paid by the customers, for machines at delivered products, or at beats, the total line contains at the column Theoretical Sale of the TO PAY of the daily routes and at column Effective cashing the total of the PAID (i.e. of what has been cashed).

To follow are visualized a line for every family dispenser:



For every V/M at supplies, which are the V/M where there is not a to pay/paid but there are a theoretical sale (what I would have to cash) and an effective cashing (what I have cashed counting it with the moneycounter) and for which are possibly available some information **adjuntive** by payment system (see below for carrying out further comparisons).



In the evaluation of the values of every line one must take account, in first instance, the fact that is checked or not, in the family itself, the case " **Unprovided of strokecounter**", and of the fact what in the base list of every "supply product" is detailed the composition of the same.

Notes list :

- (*1): All the supplied products, associated to VM, contain the products detail.
- (*2): (*2): In the V/M family is checked the case "unprovided of strokecounter".
- (*3): (*3): In the V/M family is not checked the case "unprovided of strokecounter".
- (*4): (*4): The "datum" has been mathematically calculated and is only informative.
- (*5): (*5): It refers at the payment system.
- (*7): (*7): It refers to payment products (keys, tickets, tokens)

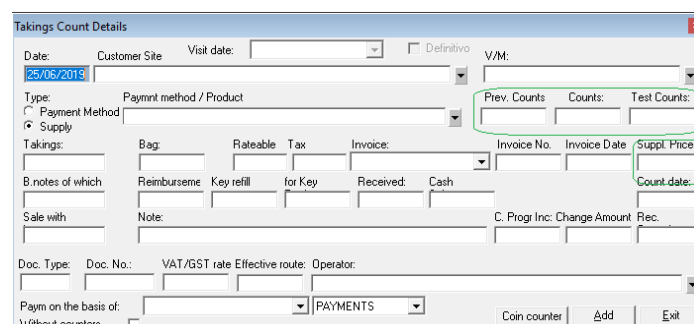
A) In case in which, in the family **is not checked** the case " **unprovided of strokecounter** ",NOTE (*3)(typical case the V/M of the cold) and nobody of the supply associated products contains the detail of components, the columns of the subject line assume the following meaning:

Theoretical Supplies (COL. 2): or the product among loaded quantity on V/M and the values present in the product form according to the formula (coffee beats+water beats)*loaded quantity.

Effective Supplies (COL. 3): sum of the beats effectively surveyed (sum of the difference among present beats-previous beats-test beats) for every survey present in beats/cashings for whatever supply product associated at V/M. Being the strokes surveyed on V/M those more reliable supplied by this type of machines, from that it achieves that the same are those used for the calculation of EFFECTIVE BEATINGS.

Theoretical Sale (COL. 4): calculated on the base of beats number (whose total is at the Col. 3) effectively surveyed (present beats/previous beats-test beats), for every supply product multiplied by the relative price (taken from the value of pricelist at the moment of the route and memorized in Ero Price). It represents, on the base of the registered beats and of their price, what you should cash.

Effective Cashing (COL. 5): sum of the values registered in the case "Cashings" (fig.5) in revision beats/cashings, for whatever supply product associated at the machine. It represents what you have cashed and counted.

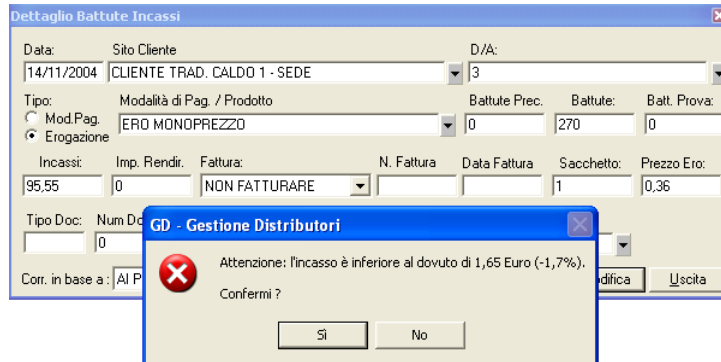


Diff. Supply . (COL.6) is given by: Effective supplies - Theoretical supplies

Diff. Cashing . (COL.7) is given by: Effective cashing - Theoretical sale.

From COL: 9 on: are indicated the total quantities **loaded** of every product what generates beats in the respective measurement unit.

Note: For coherence, where are present a **unique counter** and a **monoprice sale**, it's advisable to use a unique supply product (for example ERO HOT DRINKS) to register both the beats and the cashing, what allows to have at the moment of the registration an automatic checking on possible lacks superior at the 1% of the amount (more or less)



Note : where are present **more counters** on a unique dispenser, it's advisable to insert a supply product for each one of them and a supply product named preferably CASHING where register only the cashings and not the surveyed beats. In this case the daily checking can be obtained by the printing available in Revision Beats/Cashings.

Note: (advisable only for him who has really understood the mechanism).

On the dispensers with more supply products surveyed (to carry out further controls), in case in which there are more counters, whose one mechanic, to have a checking between the surveyed beats and the mechanic strokecounter, must be compulsorily inserted "Total beats V/M".

The use of the product Beats Total V/M is peremptory because such beats must not be considered in the various families,as, otherwise, every consumption would be considered twice: one time in the supply of competence and another in the mechanic counter.

B) In case in which, in the family **is not checked** the case " **unprovided of strokecounter** ", **NOTE (*3)** (typical case the V/M of the hot) and **all the supply products associated contain the detail NOTE (*1)** the columns of the subject line assume the following meaning:

Theoretical Supplies (COL. 2): (or the product among loaded quantity on V/M and the values present in the product form according to the formula (coffee beats+water beats)*loaded quantity). This value is "reproportioned" on the base of the type of effective supplies surveyed in the period and however demands, for being significant, a correct setting of the list of all the supplies which binds the loaded products with the supplied products.

Effective Supplies (COL. 3): sum of the beats effectively surveyed (sum of the difference among present beats-previous beats-test beats) for every survey present in beats/cashings for whatever supply product associated at V/M. Being the strokes surveyed on V/M those more reliable supplied by this type of machines,consequently are those used for the calculation of EFFECTIVE BEATINGS.

Theoretical Sale (COL. 4): calculated on the base of the product between quantity of loaded product and relative sale price (taken by the value of pricelist at the moment of the route and memorized in EroPrice of the movements). It represents what you should cash on the base of the registered beats and of their price.

Effective Cashing (COL. 5): sum of the values registered in the case "cashings" in revision beats/cashings for whatever supply product associated at the machine. It represents what you have cashed and counted.

Diff. Supplies .. (COL. 6) is given by: Effective supplies - Theoretical supplies

Diff. Cashing (COL. 7) is given by: Effective cashing - Theoretical sale.

From COL: 9 on: Total quantities **surveyed** of every product what generates beats in the respective measurement unit.

Note: In this case being present more counters on a unique dispenser, it's advisable to insert a supply product for each one of them and a supply product named preferably CASHING where register only the cashings and not the surveyed beats. The daily checking can be obtained by printing which is available in Revision Beats/Cashings.

Note (advisable only for him who has really understood the mechanism):

On the dispensers with more supply products surveyed (to carry out further controls), in case in which there are more counters, whose one mechanic, to have a checking between the surveyed beats and the mechanic strokecounter, must be compulsorily inserted "Total beats V/M".

The use of the product Beats Total V/M is peremptory because such beats must not be considered in the various families, as, otherwise, every consumption would be considered twice: one time in the supply of competence and another in the mechanic counter.

C) In case in the family **is checked** the case "**unprovided of strokecounter**" **NOTE (2*)** (typical case the V/M of the cold/snacks), the columns assume the following meaning:

Theoretical Supplies (COL. 2): (or the product among loaded quantity on V/M and the values present in the "product" form according to the formula (coffee beats+water beats)*loaded quantity).

Because for these machines are not available counters, the theoretical supplies determined on the base of the loaded products are those more reliable and are those used in the calculation of the EFFECTIVE BEATINGS.

Effective Supplies (COL. 3): are recalculated on the base of the proportion "Theoretical sale: Theoretical supplies=Cashing : Supplies Effective" or : Effective supplies = Supplies Theoretical * Cashing / Theoretical sale Being a recalculated datum it's generally informative only, particularly on level macro of management analysis NOTE (*4).

Theoretical Sale (COL. 4): calculated on the base of the product between quantity of loaded product and relative sale price (taken by the value of pricelist at the moment of the route and memorized in EroPrice of the movements). It represents what you should cash on the base of the delivered products and of their price.

Effective Cashing (COL. 5): sum of the values registered in the case "cashings" in revision beats/cashings for whatever supply product associated at the machine. It represents what you have cashed and counted.

Diff. Supply : (COL. 6) Effective Supplies - Theoretical Supplies

Diff. Cashing (COL. 7): Effective cashing - Theoretical sale.

The only supply to associate to these machines is the product CASHING where to register the cashings (and not the surveyed beats as there is no survey!)

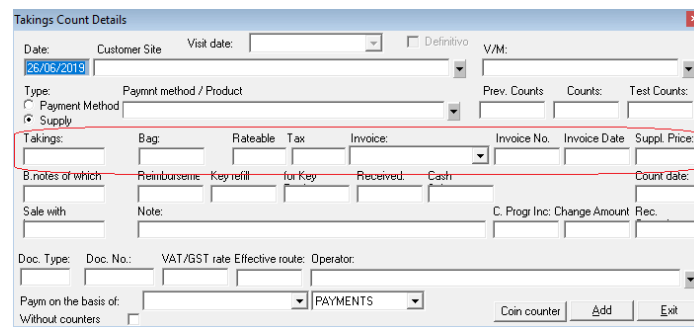
In the lines following to those of the families are reported:

- The line **Total** which contains the total for every column.
- The line **Effective Beats** (in green) which reports Effective Beats Total cashing (repeated for uniformity) and the a.m. APB
- The line **Total payment system** relative to the sum of data acquired by the different payment systems, as sum of the various registration made in the data "Modality of Payment" in revision Beats/Cashings or read directly by the system of payment itself. At side of the line wich reports the cashing, there is also the total of the effective cashing and is reported the relative difference with the value supplied by the payment system, considering only the sites in which have been some surveys with the system of payment itself (considering the total cashing, the values would be untrue, as they would be considered also some cashings coming from sites in which the survey cannot be made).

Data surveyed by the Payment Systems

The data surveyed by the payment systems manually or automatically, are of two types: **General Data**: Cashed, Inc. Keys charge, Cash sold etc. which are registered in Revision beatings/cashings selecting Mod. Payment, and **data relative to the strokes surveyed for every line (counter) of the payment system**, which can be associated also in group (more lines at a single product) at the various supply products and which with them must be coherent as fa as the sale price is concerned.

Acquisizione dati da ECS Coges					
Data-Key	Libre				
Voce	Valore	N.	Battute	Prezzo	Prodotto
Data-Key N.	ND (File gd cog)	01	0	700	ERO CAFFE SPECIAL
Orologio	ND	02	0	1000	ERO CAPPUCCINO
ECS	00000615	03	1	1000	ERO CAPPUCCINO
Rilevazione Num.	001	04	0	500	ERO CAFFE NORMALE
Prelievo dati del	04/01/01 13:09	05	0	2000	ERO CIOCCOLATA SUP...
Prelievo preced.	02/01/01 13:22	06	2	2000	ERO CIOCCOLATA SUP...
Distributore	615 ZANUSSI SPAZIO	07	1	2000	ERO CIOCCOLATA SUP...
Sito Cliente	CLIENTE 2 - SEDE	08	0	2000	ERO CIOCCOLATA SUP...
Incassato	23.250	09	0	2000	ERO CIOCCOLATA SUP...
Incasso Ricarica	14.200	10	1	2000	ERO CIOCCOLATA SUP...
Vendita in Contanti	9.000	11	4	700	ERO CAFFE SPECIAL
Vendita Chiavi	104.800	12	21	1000	ERO CAPPUCCINO
Inc. Sovrapprezzo	50	13	16	1000	ERO CAPPUCCINO
Mancata Vendita	0	14	6	500	ERO CAFFE NORMALE
Percorso Effettivo	1	15	9	2000	ERO CIOCCOLATA SUP...
Elenco errori rilevati:		16	7	2000	ERO CIOCCOLATA SUP...
ECS	Errore	17	3	2000	ERO CIOCCOLATA SUP...
		18	5	2000	ERO CIOCCOLATA SUP...
		19	6	2000	ERO CIOCCOLATA SUP...
		20	1	2000	ERO CIOCCOLATA SUP...
		Tot	6	500	ERO CAFFE NORMALE
		Tot	4	700	ERO CAFFE SPECIAL



While the general data can be surveyed on every V/M with the payment system or inserted by hand if you dispose of data coming from other system/program, the data relative to the strokes are effectively the values that the operator could insert in the drawn of the terminal but which are instead read directly by the payment system . This signifies that in the case in which are present in the History/Supplies of the dispenser the associations between lines of the payment system and supply products of GD, these last ones are not sent to the terminal and must not be surveyed by the operators, but are registered by the payment system itself.

From this derives the fact that for GD do not exist substantial differences when you configurate a payment system in Executive Standard or in executive Price/holding. But is the interpretation of the data themselves which changes, in consideration of the configuration registered in History/Supply of the dispenser.

What determinates the configuration ad the type of the surveyed data is the fact of disposing of the payment system, besides of the general data, also of the counters for each line of the payment system itself. In these cases the beats are surveyed for every line and it is possible to group them and make tyhem register in the surveys of "Beats/Cashings" in the supply products automatically by the payment system.

It should be noticed that in general nearly all the payment systems dispose of a minimum number of 10 counters that often are also double (tot at keys, tot cash) but that in GD are always identified with a number of different lines which can be differentiated (for example, 1-10 lines for cash or 11-20 for key)

The payment system in **Executive Standard** (generally is the standard setting both of the dispenser and of the payment system) **has its line (counter) configured for every different price available** : when I press the button coffee, on the machine, at the payment system arrives the information: "Stroke at 30 cents cash/key" and the system register in its line which reports 0.30 (for example the line 1) a stroke more besides to sum up 0.30 in the general data relative to the sale. Obviously in such case has no sense to configurate more lines at 0.30 cents: possible multiple lines have sense only for different prices.

Then in GD you can create various supply products for every different price (which obviously will be without base note, as generally you are not able to determine if the stroke at 0.30 derives from a coffee or a chocolate) surveying from the system the strokes for every price. or, in case of a unique price for all the supplies in cash and of another for all those at keys, you can create a supply product for cash and one for the keys (associating in the pricelist of the site the relative prices).

The payment system in **Executive Price Holding** (it must be physically/electronically set in the dispenser and in the payment system) **has its own line (counter) configured for every selection with the relative price**: when I press the button coffee, on the machine, at the payment system arrives the information: "Stroke of the line 3 and at 0.30 cents cash/key" and the system registers in its line 3 (which obviously has to report 0.30) a stroke more besides to sum up 0.30 in the general data relative to the sale. This, with a sensible association among Supplies of GD and lines of the payment system, allows to know not only how many strokes at 0.30 cents have been made (without distinction of the selection coffee/chocolate etc. made on the machine) but also the strokes number of the lines 1,2,3 etc. Taking into account that GD allows to associate at every supply product one of these line, at the end it's possible to indirectly determine how many strokes have been made and of what type.

Example if the first three buttons of the machine correspond to the lines 1,2,3 and are Express Coffee/Long Coffee/Short Coffee, the sum of the three lines totally is equivalent at the coffee number executed on the machine. By associating the three lines at the supply product ERO COFFEE, you can indirectly know by the system how many coffee have been carried out; furthermore, if has been set the weight in the note of the coffee supply, you will have the theoretical value of consumed product besides the riweighing on the base of the type of strokes of the theoretical supplies.

NB: Don't forget that at level of "Management analysis" only the first family identified in the type of every dispenser is considered and visualized. The other two possibly specified can be used if you desire it, for analysis more detailed in the analysis site

the dispenser type (warm/cold snacks) and the type of configuration in GD are here reported only as indicative, as for example some cold V/M dispose of one or more strokecounters and then re-enter in the a.m. category.

In other cases the distinction warm/cold is the same way indicative, as for example a cold dispenser with payment system which returns the strokes for every price can be configured as supplied with strokecounter with a supply product for every price: in this case the strokes are not read by the dispenser (which effectively has no counter) but registered by data acquisition from payment system.

The type of correspondent amounts (Prod. Del./Beat. of various type / Sup.) marks every movement of the products delivery and every survey of beats/cashings, for which at the configurations do not execute an automatic updating of the past movement.

The dispenser family can be instead changed in the types also successively varying the result of the analysis in real time.

Analysis cashing tendency

It allows to execute an analysis of the cashings, choosing the period of interest, the cashings analysis, daily or monthly, can be made in a general way, for operator, for zone, for customer and for customer site.

The visualized columns are always the same prescinding from what under reported and their meaning can vary in dependence of the various lines. These are :

Date: The date of execution of the visit

Corresponding amount route): Corresponding amount of the route

Corresponding amount Beat./cash. : Corresponding amount of the beats

Invoices : Invoices issued

To Verify : Cashings total to verify

Tot. Corresponding amount Total of the corresponding amount

Tot. Cashings : Total cashings

Allowance: Registered allowances

Total It reports the total sum of the respective columns

Total payment system Information surveyed by the installed payment systems

Diff. CBC-TC Difference of the corrensponding amounts Beats/Cashings and Total Cashed

Analysis customer sites/Routes

The Routes Analysis is structured in three sections.

The first section comprises:

- 1) "Effective Route n." : this case allows to choose the route to analyze.
- 2) Button Wipe form and Button Find: allow respectively to empty the mask and load the data of the chosen route.
- 3) General information of the route: space reserved at the visualization of the type route description (if exists), execution date of the route, truck and driver who has carried out the route.
- 4) Button "Viewed": this button allows to mark as "Viewed" the selected route.
 - a. If the route has not been "Viewed" on the button is visualized the wording "Viewed".
 - b. If the route is already viewed on the button is visualized the description of the operator which has executed the viewed.
 - c. If the function of login is not enabled, pressing the button viewed you open the list of all the dispensers present in GD for allowing the selection of the operator who has analized the route.
 - d. If the login function is enabled, pressing the button 'Viewed' the route is marked with the description of the operator who has executed the login on GDAdmin (Note: the login on GDAdmin is allowed only at the users of category 'Manager')
 - e. IN CASE ONLY OF LOGIN DESACTIVATED is possible to change the description of the operator who has executed the viewed. To do that it's necessary to keep pressed the button SHIFT and click on the button viewed.

The second section comprises:

- a) buttons of running of the stages: these buttons allow to run, forward and back, the list of the stages of the selected route, the order of the stage is that of the date and hour of execution. After the last stage going forward is visualized the first stage. After the last stage going forward is visualized the first stage.
- b) Detailed information on the stage: are visualized all the requested information.

The third section comprises:

- filter for date
- filter for corresponding amounts
- filter for dispensers
- Visualization grid of the analysis: the grid is filled after pressing of the button '.....Analysis', the visualized information are those requested.
- Button Exit

NOTE: for a use more comfortable of the function of viewed of the analysis is ideal the use of the login at the starting of GDAAdmin and GD considering that: it's always possible to activate the login and not introduce an access password.

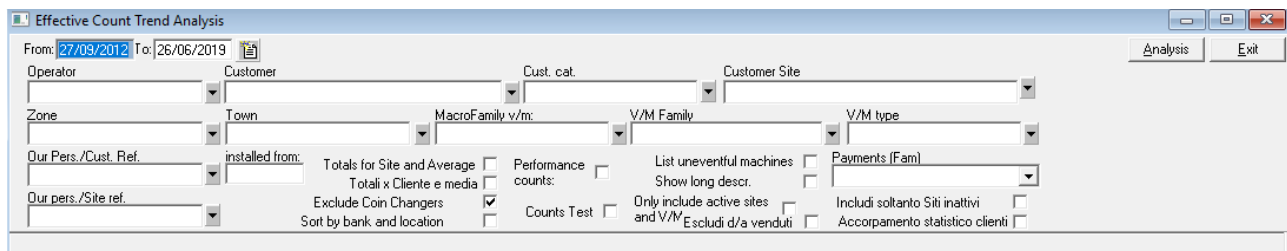
Analysis effective beats tendency

It allows to carry out an analysis, in the period of selected time, of the date in total, for operator, for customer, for customer site, for zone, for type dispenser and corresponding amounts (family). The supplied data are grouped for customer site and type of dispenser: it's possible to choose the period of interest, the data are visualized grouped for month and is visualized a total period and the averages.

By Viewing the option Total x site and average the data are total visualized for site, and besides the a.m.data are visualized the absolute pondered percentage and the progressive pondered percentage.

In the analysis effective beats tendency, checking the option Test beats, it's possible to visualize the test beats registered by the operators.

It's possible also to perform this analysis taking into account only the sites and the active dispensers, by checking Include sites and active V/Ms only.

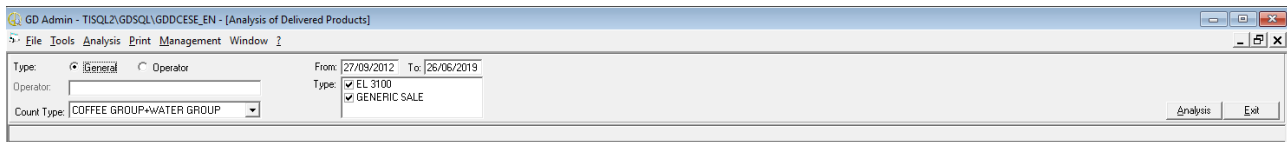


Analysis delivered products sale

It allows to carry out the analysis of the dispensers who are configured at Delivered Products, with the possibility of choosing the period of time of the analysis, and if you want to execute a general analysis or filtered for Operator (who has made the delivery) with the possibility of selecting the type of dispensers in which you want to execute the analysis. The grid shows on the columns the delivered products and on the lines the data grouped for type dispenser subdivided for month and the sale average price for every product on every dispenser. In the last three columns, always making a partition for type, are shown the number of installed machines and the number of those visited (more visits on the same month count always for a unique visit) and the relative difference.

The last three columns (Active, visited and its difference) are always total (relative to the management) also if you filter for operator.

The total of the period, so as the beats value for product, can compared with the management analysis (and more precisely in the total of theoretical supplies of the delivered products). Possible differences (between analysis of the delivered products and management analysis) are to ascribe to the fact that, while the management analysis considers the movements for themselves, this analysis bind them at the type of machine, then some deliveries could not to be considered. Typical case is that of delivery with configuration mistakes, for example the dispenser was considered at supply and then the machine has been set successively at delivered products. The movements generated when the machine was at supplied products are not corrected in revisions movements of GD. After the correction also the analysis is updated. For helping the survey of these mistakes has been introduced a printing (from GDAAdmin to Print - Control lists - Payments coherence) which lists the movements to control.



Analysys products sold by operator

In the Analysis Delivered Products for Operator it's possible to analyze the theoretical beats, or in alternative, the delivered quantities of every product for operator.

The analysis put at disposal the following filters: Period (from the - to the), V/M Family, V/M Type, Products Family, Products, Payments.

For every filters of the list it's possible to select/deselect all the headings of the list keeping pressed the CTRL button and executing the click of the mouse on a heading of the list.

The analysis is divided in two sessions: the first one of blue colour named "V/M AT PRESENT MANAGED" on which has influence only the filter "V/M Family", the second one of yellow colour named "PRODUCTS SALE (Theoretical Counts / Quantity)" on which it's possible to intervene through the other filters put at disposal.

Filters detail:

- **" Beats Type "** (for "PRODUCTS SALE" only) - filter at decreasing case, with the following headings: " COFFEE GROUP + WATER GROUP", "COFFEE GROUP ONLY", "WATER GROUP ONLY" (theoretical beats visualization), "QUANTITIES (delivered quantities visualization) (NOTE: in case of delivered quantities analysis the general total of the columns can loose of significance considering that not all the products have the same unit measure)
 - **"From the -To the "** (for "PRODUCTS SALE" only) – filter on period
 - **" V/M Family"** (for "V/M AT PRESENT MANAGED" only) - is a list of all the families V/M available selectionable form the proper list.
 - **" V/M Type "** (for " PRODUCT SALE" only) - at view filter with singularly selectionable headings, it's necessary that is selected at least one heading to correctly carry out the analysis.
 - **" Products Family "** (for " PRODUCT SALE" only) - at view filter with singularly selectionable headings, it's necessary that is selected at least one heading to correctly carry out the analysis.
 - **" Products "** (for " PRODUCT SALE" only) - at view filter with singularly selectionable headings, it's necessary that is selected at least one heading to correctly carry out the analysis.
- The decreasing case placed on the filter "Products" allows to choose a grouping of the products (no product, Family product, group) if is set the grouping ythe analysis will visualize both the total for every grouping present and the general total.
- The case Include spare parts allows to visualize the delivered spare parts.

Analysys for sector: Analysis effective beats for sector and Revenue account for sector

The logic of the analysis for sector carries out a riclassification of the deliveries and of the surveys of beats, dividing them for sectors (OCS and AUTOMATIC) on the base of the type of correponding amounts and of the field unprovided of strokecounter set in the type dispensers, making a further subdivision inside the sectors on the base of statistic categories assigned to the products.

In the file are already available the necessary categories in the table Statistical Categories and all the products will already have an initial category assigned with this logic:

- the normal products are assigned at the category OTHER
- thwe products beats are assigned at the category V/M AT BEATINGS
- the payment products are not assigned at any category as they are not counted
- the supply products are assigned at the category V/M ERO with S/C

Because these analysis classify the single movements and the single surveys of beats, in presence of data non coherent in file, could result some differences with other printings/analysis in GD. This is bound in general to modifications at the bookkeeping of the sites not correctly reported also in the movements, which, if generally do not create problems in GD, can however generate the a.m. discrepancies. For example, if you forget to register a delivery of a kit or of a product of payment in GD, at the purposes purely of accounts it's sufficient to modify/add the stage in the bookkeeping of the site and the relative amount to pay. However if at the same time you have not inserted the movement of the product delivery in revision movements, the new analysis will not be able of valorizing and then considering the movement itself.

Other possible causes of discrepancies are bound in general to an incorrect configuration of any dispenser. For example, it's good to remember that:

- 1) Where you survey supplies with counters the machines have to be provided with strokecounter, otherwise the survey of number of the strokes can create problems at the analysis. If in the same type of the machines exist register numbers where the strokes are surveyed and other where the strokes are not surveyed, it's necessary to create two separate types.
- 2) The supply products have not to be set beats neither in the group coffee nor in that of water of the form product: the beats are calculated by surveyed beats-previous beats-test beats, for which the value set in the form product has no sense.
- 3) Some products could have a number of beats assigned that you have to verify (if you set the beats number on a product small envelopes of sugar or glasses obviously the calculation can result false. These products must have a beats number only if sold as they are and not as a part of a kit/supply, otherwise one stroke is given by the capsule and one the small envelope of sugar for every effective beating.

For helping these verifications has been inserted a printing which reports the products divided by set statistic category and which contains also the short description, the number of beats set in the form products and the type of product itself (normal or supply). The printing can be carried out by the control Lists - Tables dispensers/products - **Products for statistic category**.

- 4) The statistic categories must be assigned both at products sold/delivered and at supplies. The same categories are personalizable (these available however are sufficient at detail), but should be as much as possible coherent among the products and the relative supplies where foreseen.

After the updating exist created some categories pre-defined base which are those requested for having the base scheme.
.....

Analysis effective beats for sector and Revenue account for sector

Both in "**Analysis effective beats for sector**" and in "**Revenue account for sector**" the beats number is computed with the same logic of the analysis Tendency effective beats, or coherently with the calculation modality of the payments set on V/M and with the setting "unsupplied with strokecounter" on type and family V/M, as follows:

- V/M at delivered products -> beats number = beats number registered in every product (sum of the value in grams of coffee and grams of water) multiplied by the quantity of delivered product (or given in the Delivered of the terminal)
- V/M at Total Beats -> beats number = sum of the surveys registered on the product Total Beats V/M obtained making the difference among present beats-previous beats-test beats of every survey (or given in the Drawn of the terminal)
- V/M at Beats Grams of Coffee-number of beats = sum of the surveys registered on the product Beat.Gr.Coffee obtained making the difference among present beats-previous beats-test beats of every survey (or given in the Drawn of the terminal) summed up to the beats number registered in every product (sum of the value in grams of coffee and grams of water) multiplied by the quantity of delivered product (or given in Delivered of the terminal) * obviously the product coffee charged on these machines must have the beats number set to 0 for avoiding that is considered twice (this modality serves to manage practically some mixed situations on small machines where some strokes of the ground coffee come from the counter and most are sold the soluble products aside.
- V/M at Beats Grams of water -> beats number = sum of the surveys registered on the product Total Beats Grams of water obtained making the difference among present beats-previous beats-test beats of every survey (or given in the Drawn of the terminal)
- V/M at Supply with strokecounter -> beats number= sum of the surveys registered on supply products obtained making the difference among present beats-previous beats-test beats of every survey for every supply product (or data of the Drawn of the terminal or acquired from the payment systems)

- V/M at Supply unprovided with strokecounter -> beats number = beats number registered in every product (sum of the value in grams of coffee and grams of water) multiplied by the quantity of delivered product (or given in the Delivered of the terminal)

In **Analysis effective beats tendency for sector** , the subdivision in OCS/ Automatic is automatically made by GD on the base of the modality of calculation payments, or:

- ini-V/M at delivered products-> OCS sector/ category assigned to all products (initially at the category predefined "Other")
- V/M at Total Beats -> OCS sector / category assigned to the product Total Beats V/M (initially at the category predefined "V/M at Beats")
- V/M at Beats Grams of Coffee-> OCS Sector / category assigned to the product Beats grams of coffee (initially at the category predefined "V/M at Beats")
- V/M at Beats Grams of Water-> OCS Sector / category assigned to the product Beats grams of water (initially at the category predefined "V/M at Beats")
- V/M at Supply with strokecounter -> AUTOMATIC sector / category assigned at surveyed supply products (initially at the category predefined "V/M at Supplies")
- V/M at Supply unprovided with strokecounter -> AUTOMATIC sector / category assigned at charged products (initially at the category predefined "Standard")

In **Revenue account for sector** , the subdivision in OCS/ Automatic is automatically made by GD on the base of the modality of calculation payments, or:

- V/M at delivered products-> OCS sector/ category assigned at the sold products (initially at the category predefined "Other")
- V/M at Total Beats -> OCS sector / category of competence set in Automation/General (initially at the category predefined "V/M at Beats")
- V/M at Beats Grams of Coffee-> OCS Sector / category of competence set in Automation/General (initially at the category predefined "V/M at Beats")
- V/M at Beats Grams of Water-> OCS Sector / category of competence set in Automation/General (initially at the category predefined "V/M at Beats")
- V/M at Supply with strokecounter -> OCS sector / category of competence set in Automation/General (initially at the category predefined "V/M ERO with strokecounter")
- V/M at Supply unprovided with strokecounter -> AUTOMATIC sector / category assigned at charged products (initially at the category predefined "Standard")

Practically the difference is that as in the account revenue are compared invoice value (sold in total) and cost value of products in respect of effective beats, it's impossible to use different categories for the various products loaded on the V/Ms at beats, because the beats derive from a unique counter, while the cost derives from more products obviously belonging to different categories (Coffee/Soluble products etc.) For this reason the data of these V/M's are assigned ex officio at the category set in General as over indicated.

The same disroute is worth for the supply V/M's with strokecounters (generally V/M of the warm) for which in the account revenue are compared invoiced values (sales in total) and of cost of the products in respect of the number of effective beats; also in this case it's impossible to use different categories for the various supply products because the beats derive from counters (supply products) different not necessarily associated at the products charged necessary for generating the supplies themselves, while the cost derives from more products obviously belonging to different categories (Coffee/Soluble products etc.) For this reason the data of these V/M's are assigned ex officio at the category set in General as over indicated. Practically if you dispose of a unique counter type ERO WARM DRINKS is possible to know how many strokes have been made on the V/M and how many products have been charged, but is not possible discriminate the type of supply in respect to the distributed product and then to the loaded product.

Recapitulating in this analysis are available for every category:

Beats Number: Number of effective beats

Invoiced (Sales in total) : theoretical sale or sale price for quantity of loaded product/sold or supply price for beats surveyed according to the dispensers

Total Cost Product : average cost of purchase for quantity of loaded product

Total gross margin : Invoiced (Sales in total) - Cost in total product

% Gross margin : Gross margin in total / Invoiced (Sales in total)

Average price beating : Invoiced (Sales in total) / Number Beats

Average cost product unit : Cost in total product / Number Beats

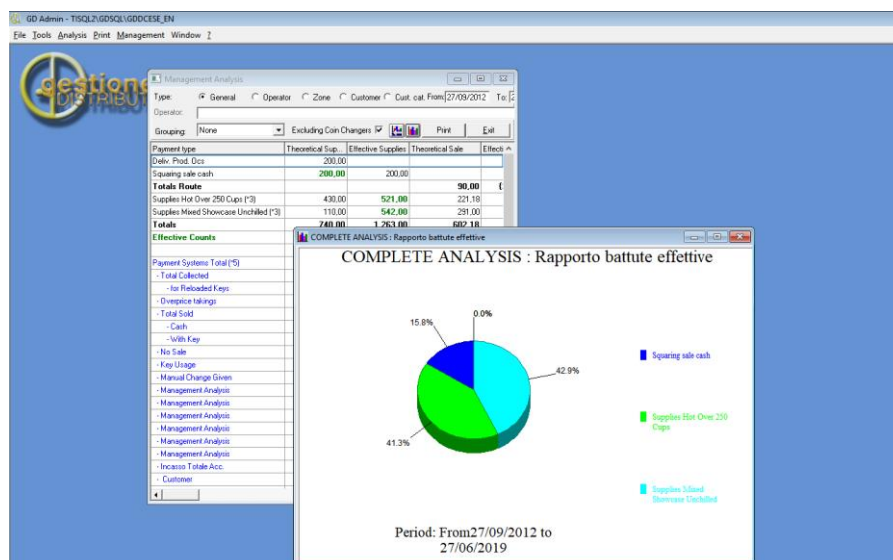
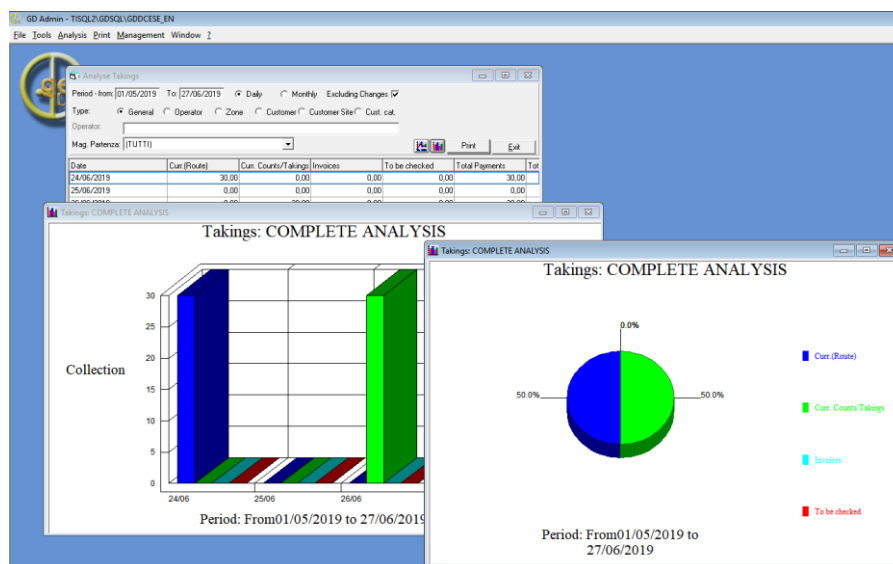
Unit average margin : Gross margin in total / Number Beats

NB: For helping the settings of the proper category on the products can be used as guide the Product Family through the function of **Multiple setting statistic category** , which you can find in the Management menu of GDAdmin, which allows to assign the statistic category on the base of the product family (at least can be used for trimming the work before possible setting at on the products). For example for all the products SNACKS if take part all of the same product family you can set the statistic category SNACK with a unique stroke.

Graphic immediately available in GD Admin

The analysis of GD Admin (*Management Analysis and cashings Analysis for the moment*) are supplied with the possibility of having some flow charts, to allow rapidly of having an intuitive visualization of the data. Such flow charts reflect the data of the executed analysis, then the period, the type of selection etc. For Cashings Tendency are available flow charts lines/bars relative to the tendency of the total and to the relation among the various headings of cashing besides a recapitulation pie. For the management analysis it's possible today to have a pie with the relations on the effective beats (on the same flow chart there are in percentage the values which run to the datum effective beats, besides pies for family or total of use of the various products.

The second button Flow chart with arrow, now not enabled, will allow to reexecute the analysis chosen for a preceding period (a year or a month) for then having the flow chart requested in the a.m. period to compare with that present.



The Tools menu of GDAdmin

General Settings

The **General Settings** table, accessible from the Tools menu of GD Admin, allows you to manage general information about the company in the various folders and to customize various operating parameters.

General Data Folder

Management of distribution company data and general operating parameters of the procedure. This information is used for print and statistics headers.

Contains data from working directories and support programs.



Password management of security areas

If desired, you can set an area password on all the items in the **Analysis menu** of GD Admin and on **the Incassi print by period**, which limits access to those who do not know it. To set the password it is necessary to go to the General Settings of GD Admin and select the PW Analysis Menu box (if you are changing a password you must also type the previous one). There is also an area password relating to customer requests, which limits access to the cancellation of an Open Customer Request and the modification of the operator who received the request. Both features are useful for keeping track of calls even in contexts where there are multiple operators on the phone.

If desired, it is also possible to set a password to access the Synchronized Data Edit functions, to the CRM module and a password to unlock the route alarms.

GD Modules

Contains the settings related to the modules:

GDMMap / GDMobile;

GDCrm;

GDWebEx;

GDERMChain

General settings

Gen. Data **GD Module:** Option A Option B Option C Option D

GDMAP & GDMobile Modules

☒ Disabled ☐ Enabled on COM: 0 AUTO GSM Registration / Deregistration

Type: GDMOBILE CLIENT Server IP Address: 10.1.0.31

GSM Tel. No.: +393356849368 GSM CS: +393356809600 RR: N# ☒ Enabled

☐ Enable mapping of GSM Failures Call timeout (sec): 5

Assigning calls with alert: MANUAL

☒ Enable GDMessenger for Android devices

GDCRM Module

Configuration of fax & mail for communication campaign

Sender: _____

Fax No.: _____ Email: _____

SMTP Server: _____ User: _____

Proxy Server: _____ Passw.: _____

SMTP Port: 25 Use SSL ☐ Num. to access external line (Fax): _____

SMTP Auth.: 1 SMTP Send Method: 2

GD ERMChain Module

☐ Enabled financial management

Telemetry system config.

Tip: NEBULAR

Area and security password management

Options Folders

Contain the settings that allow you to enable GD security, set the operation of the various automations of the program and provide the parameters for interfacing with the various peripherals.

General settings

Gen. Data GD Modules **Option A** Option B Option C Option D

Enabling safety and user profile management: ☒ (Request user login at each start)

Standard Operator: OPERATOR 3

Default Store: MAIN WAREHOUSE

Default Zone: ZONE 3

Default Price List: PRICE LIST N. 1

Standard LHA: LHA N. 1

Deposit prod. Fresh: _____

Warehouse Retired: _____

Warehouse Inst./With: DEPOSITO STANDARD

Default Cust.: _____

Format N. of Contract: C0YYYY/#### Progressive: 1

Prox. N. of Contract: C02019/00001 ☐ Automatic Fidelity Card generation

General Configuration

Dispenser Loading: ENABLE ISSUE OF LHA DECLARATION AND INST. TD

☐ Request confirmation of negative stock ☒ Automatic print preview

☐ Always display all routes ☐ Export accounts ops. to PN module

☐ Send site notes to terminals ☐ Disposable site/route notes

☐ Absolute supply counters ☐ Send to terminals technical maintenance history

Counter survey limits: 0 ☐ Complete ☐ Actions x/V/M

Statement to CE/PPC terminals: DO NOT SEND

Previous control visit interval in days: 1 ☒ Enabled multiple customer request

Period to be transferred (Days): 6 ☐ In orders set "Products of the VM"

☐ Manage conf. TQS labeling ☒ Managing multiple visits

Term. Mess.: _____

Analysis Parameters

Select start date: ☒ Autom. ☐ Minimum date: _____ ☐ Last Balance Date

General settings

Gen. Data GD Modules Option A **Option B** Option C Option D

Automatic Consumption Control (ACC)

Number of steps to be considered: 1 Min. Interval: 0 Max: 0

☒ Enable viewing analysed sites ☐ Calculate overall counts where possible

Route Management Parameters

Max. number of sites per route: 99 Free site types: COMP+COMM+CC No

☐ Display only handled products in Delivery Summary Sites to include: Complete list

☒ Include complete standard load ☐ Enable auto insertion of free sites

☒ Allow selection of offload type: ☐ Leave stock in absence of default load

Offload Truck: Leave truck stock unchanged

☐ Print: Route summary by date/time No. of copies requested: V/M Detail

Print: Operative route ordered by: STAGE ☐ Load spare parts for technicians only

☒ Enable Automatic Route Data Reload Load Password CAPITAL

☒ Automatic message confirmation

To print	Document	Destination
☒	(Loading): Print loading bill	Stampante predefinita
☒	(Loading): Print route	Stampante predefinita
☐	(Loading): Print delivery status	Stampante predefinita
☐	(Loading): Print loading bill (complete)	Stampante predefinita
☐	(Loading): Print distinct product fresh	Stampante predefinita
☐	(Loading): Print order summary	Stampante predefinita

Selling points

☐ Enable Selling point mgmt. Route Alarms: DO NOT CHECK

GDWeb Module

Payment to operator default: _____

Payment deposit: _____

General settings

Gen. Data GD Modules Option A Option B **Option C** Option D

Document Issue
☒ Print headings on fiscal documents Num. fiscal doc. copies: 2
 Inst./Withdrawal TD: [USE THE TD REGISTER FROM THE STARTING WAREHC] Head installation TDs to customers: ☐

Installation Reason: [INSTALLATION AND MANAGEMENT OF OUR DIRECT PROPER]
 Withdrawal Reason: [WITHDRAWAL OF OUR PROPERTY OWNERSHIP FOR TERMIT]
☐ Set truck loading TD as non fiscal document ☐ Force issue date on TD
☐ Include ordered and invoiced products in truck loading TD
☐ Allow issue of TDs from terminal for V/Ms to be invoiced
☐ Force packing slip on V/Ms in admin. ☐ Hide details from delivery note
☒ Issue delivery note for orders without invoice
☒ For orders at start of trip issue: Invoice ☒ Packing Slip ☐ Transport Doc.

Record: [USE THE PACKING SLIP REGISTER FROM STARTING WAREHOUSE]
☐ Write admin. number on admin. Invoices ☐ Invoices paid by the ☐
☐ Allow pending admin. invoices ☐ with balance payments ☐
 Label for products in supply: [administration by vending machines]
 Label for product Takings on Invoice / Ret[(DATA) - (PERC)% su incassi (NCASSI)]

☐ Customize Invoice issuing ☐ Apply to all existing customers
 Immediate: [] Deferred and TD []

Workshop management parameters
 Workshop Wa [WAREHOUSE 33] Spare parts [WAREHOUSE 33]
 Initiating AD workflow in workshop management ☐

Batch management
 [ENABLED (INTERNAL BATCHES)] ☐ Print Barcode on internal batch labels
☐ Repropose batch over terminals
 Send to terminal batches of the last [0] days (0= send all batches)

Field of application for calculation of commissions / awards
☐ V/M Delivered Products ☐ V/M Coffee Group Counts: ☐ V/M Supply
☐ V/M Total Counts ☐ (with apportionment) ☐ V/M Water Group Counts:
☐ Calculate commissions net of the bill of amounts (% Collection)

Change Exit

General settings

Gen. Data GD Modules Option A Option B Option C **Option D**

Selector / Coin Counter Machine
 [SELEX MOON] Configuration....
☒ Acquisition counting money advanced ☒ Manual banknote request force

Other peripherals
☒ Automatic decoupler management
 Label printer type: [NO PRINTER] Configuration....
☒ Activate fiscal ticket issue with fiscal printer Ditron ZIP Configuration....
☐ Disable color translation on inkjet/laser color printer
☒ Use kit labels for QRCode printing of Master Systems
☐ Stampa Sito Cliente su Etich. Aziendale Print master system [Comp. label]

Communication options with WindowsCE handhelds
 Windows CE
☒ Use Microsoft ActiveSync
☐ Use GDLanServer/GDRemote for WindowsCE terminals (Local and Remote LANs)
 Pocket PC / Windows Mobile
☒ Use Microsoft ActiveSync
☐ Use GDLanServer/GDRemote for PPC terminals (Local LANs)
 GDLanServer IP and port (e.g.: 10.0.0.1:33333): [] Password: []
 User connection for initialisation: [u] Password: []
☒ Enable GDTrasfServices
☒ Disable password on SDF file

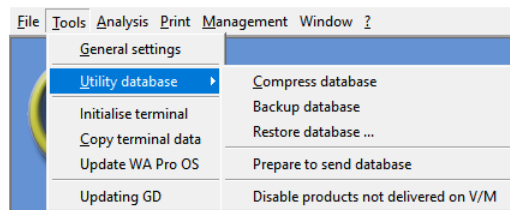
Enable report printer handheld
☐ BIP1300
☐ DP8340S
☐ EX2500
☐ EX3750

Change Exit

Database utilities

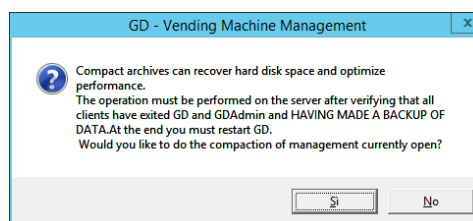
The Database utilities menu, accessible from the Tools menu of GD Admin, allows you to perform some database administration procedures.

Due to the delicacy of these operations, these operations are only allowed if you are running GD Admin on the Server machine.



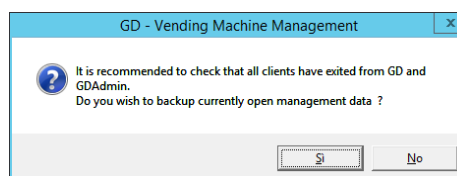
Compact database

It allows you to compact the archives, cancel any duplicate codes of the free sites and also eliminates the products that in the sales lists have no price entered and those products that have been eliminated. This operation must be performed only on the Server PC after verifying that all the Clients have also left both GD and GD Admin. It is recommended to make a backup copy of the data, in order to avoid the loss of the same, before executing the Compact database procedure.

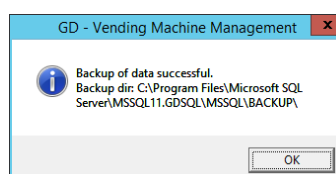


Backup Database

The backup operation allows you to make a security copy of the management which can be restored, if necessary, by the "Restore Database ..." Function. Selecting the "Backup database" item, after confirming the operation from a special box, will be made a backup copy of the current management.



This copy will be physically located on the server machine, generally the backup file is located in: C:\Programs Microsoft SQL Server MSSQL.1 MSSQL Backup. However at the end of the Backup a message is displayed indicating the route where GD saves the Backup.

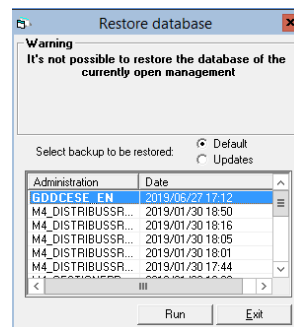


Once backed up it is advisable to move the relative file to another medium or to another PC so that in case of need it is always possible to recover and restore it.

We recommend that you back up daily to always have at least the backup of the day before.

Delete management backup

If there are old recovery files that you want to delete, you can activate the delete function by selecting the "Restore Database ..." menu item while holding down the "Ctrl" key, in which case the mask will open Restore Database in which the "Delete" key is visible:



At this point it is sufficient to select the item of the list to be deleted and press the appropriate key. The recovery file will be deleted after further confirmation.

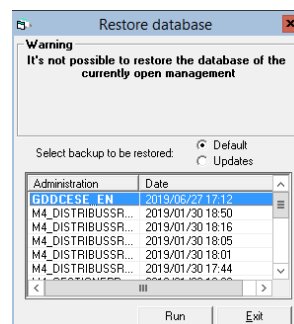
NOTE: the "Delete" function can only be used in "Standard" mode.

Restore database

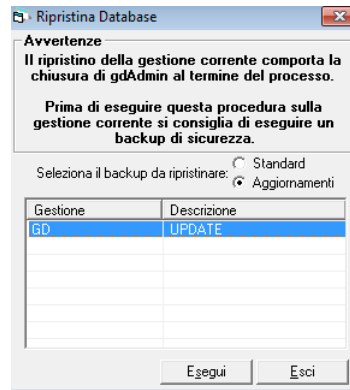
The function allows you to restore a management that has been backed up, it also allows you to update the database in the event that an update has been downloaded from Target Informatica.

Attention if the name of the current management is identical to the management to be restored, the current management will be overwritten.

Selecting the "Standard" option displays a list of the operations that were backed up with the execution date, select the desired item from the list of managements by clicking on the "Management" column and press the execute button . Wait for the end of execution message. If you are restoring the current management GD Admin will automatically close. If the management name in the "Management" column corresponds to the currently open one, it will be highlighted in bold.

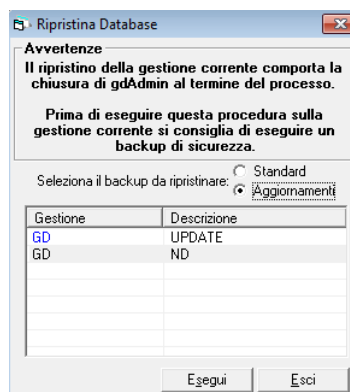


Selecting the "Updates" option it is possible to update the database data with the updates downloaded from the Target Informatica. The management name is highlighted in blue to distinguish it from the standard mode. If the management name in the "Management" column corresponds to the currently open one, it will be highlighted in bold.



Select the desired item from the list of managements by clicking on the "Management" column and press the execute button. Wait for the end of execution message. If you are restoring the current management GD Admin will automatically close.

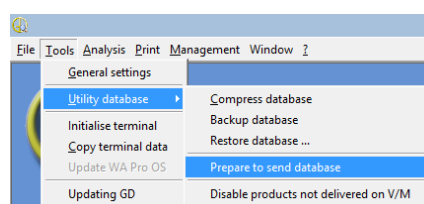
NOTE: if the procedure finds an update backup, insert the word UPDATE in the "Description" column, if it identifies a backup file that cannot be recognized as an update, it inserts in the word "ND" and highlights the management name in red. The following figure shows the case in which a GDESE management update file (current management) and another file that cannot be classified as an update was found.

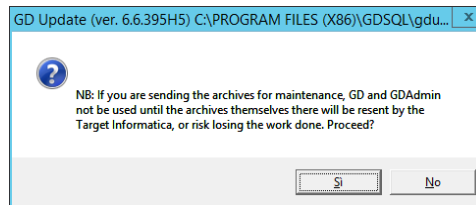
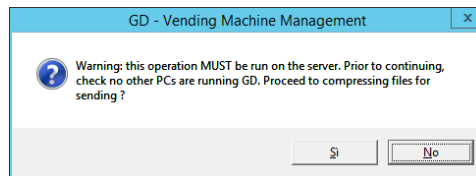


Prepare send database

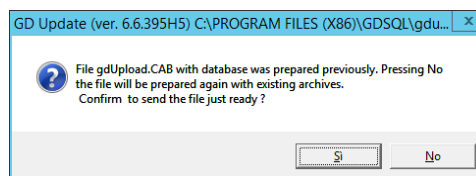
The following procedure allows you to send GD archives to Target Informatica to perform maintenance operations; if it is a question of updating or modifying the data, GD and GD Admin must not be used in any way until the archives are sent back to you by the Target Informatica, under penalty of the loss of the recordings made: the files returned will in fact be those originally sent to the Target with the changes made, which will overwrite any changes made in the meantime.

Close GD and GD Admin on all PCs leaving only the "GD Admin" program on the server open. At this point from the tools menu select - "Database utilities" - "Prepare database sending", and follow the guided procedure below. Obviously, if you wish, you can use this system to prepare a backup file of the archives without sending it to the Informatica Target.

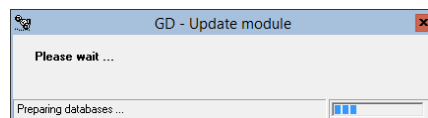




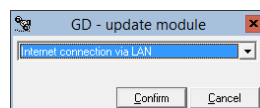
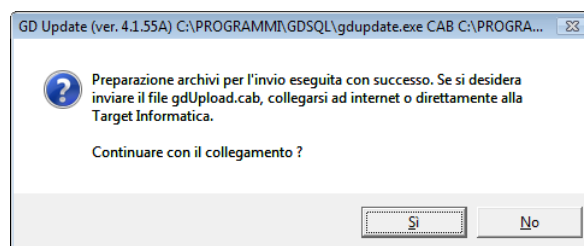
After confirming, if the archive has already been prepared for sending to the Informatica Target and not sent simultaneously, you can choose to send the archive ready or to prepare a new file with the updated archives. The archives of the management opened at the time of compression (generally gd.mdb and gddoc.mdb) are compressed into a single file called "GDUpload.cab".



Confirming the preparation of a new "gdUpload.cab" file, the files in the current archive are compressed.



At the end of the preparation of the archives it is possible to continue with the connection and send the archives to the Target Informatica or alternatively terminate the procedure and send the archives later.



Disable products not delivered on V/M

The **Disable products not delivered in V/M function**, accessible from GD Admin, Tools, Database Utilities, allows you to monitor the products associated with each V/M and to disable those products that on the individual dispenser are not delivered after a certain number of visits, in order to modernize the list of products.

The number of visits to be considered can be set in the type of dispensers, Products / Other data on the field, ***Allow disabling products for [number] consecutive visits.***

This allows you to easily identify which products have been incorrectly enabled in individual locations and not delivered. For example, setting 10 on the Snakky type, all the products will be listed which, although they can be enabled in the Snakky type and are active on specific dispenser serial numbers, have not been delivered for 10 or more consecutive visits.

On **Disable products not delivered in V/M**, after choosing the type to be checked and pressing the View program button shows a grid that contains the product, the date of last delivery, the minimum and maximum number of non-delivery visits and the number of dispensers on which the product will be disabled.

Since each row can refer to several dispensers on which the product is present and can be disabled, the last delivery date shown is the most recent (regardless of the dispenser), while the number of visits is the minimum and maximum (ie in our case the number of visits, over 10) of failed delivery based on the dispenser.

It is possible to view the situation in detail for each dispenser by double clicking on the product line; the disabling in any case remains at the product level (ie it is not possible to disable the product on 2 dispensers and leave it on the third)

. Note that if a product has never been delivered on some dispensers while on others the delivery has been made (but, in the our case from at least 10 visits however the product has not been left), the grid shows two separate lines, so as to allow the separate disabling between dispensers where the product has never been delivered (because maybe they are recently installed machines) and dispensers where the delivery was not made because the product is not actually left.

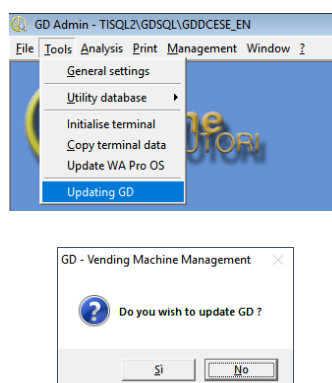
Since the products are only disabled by the dispensers but remain active in the type of dispenser, on the handhelds with the Other products function it is however possible to deliver them, provided of course that they are available on the van.

The function does not act on special products but only on loading products.

Always to monitor the products enabled on the dispensers it is possible to check, on the print menu of GDAdmin, the Printing for **dispensers / Products**.

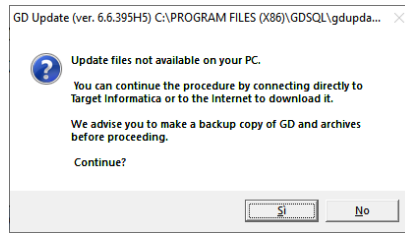
GD Update

The following procedure allows you to download program updates via the Internet, connecting directly to the Target Informatica GDVending site.

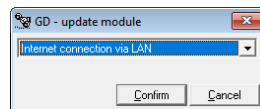


The update module checks if the update file is already present on your PC, in which case it asks you to run the update directly without downloading it again. This could occur if the file was sent to CD or downloaded previously.

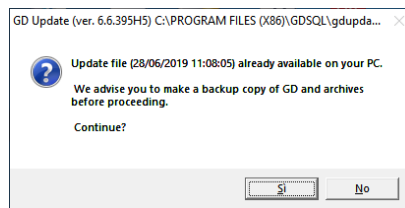
In case of unavailability of the file it is possible to withdraw it at this time.



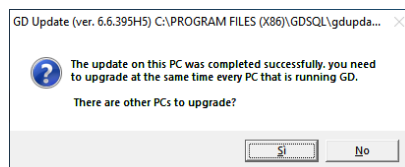
It is possible to directly connect to the internet if you have a traditional or ISDN modem on the PC from which you are updating and a connection to a provider (Tiscali, Virgilio, Libero etc.) already configured, choosing the name of the connection to be used in the box below. If, on the other hand, you have an internet connection via ADSL or otherwise via a router, select the "Internet connection via LAN" box.



At the end of the connection, after carrying out the necessary checks, the program informs about the availability of the update file and asks for confirmation before proceeding.



With the exception of specific reports, updates can be made at any time, but it is advisable to operate in closed laps, ie after having reloaded all open routes and before opening subsequent ones.



It is generally good practice to update all the PCs in the network where GD is running to the same version of the programs: to do so, simply move to each machine immediately and perform the update from GD Admin. The file that will be used is the same that was downloaded and with which the server was updated.

At the end of the last PC update, answer No to the request.

Terminal initialization

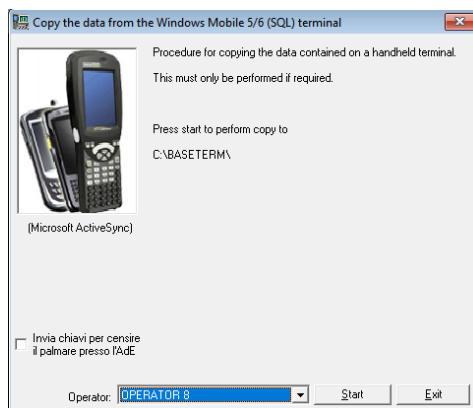
This function allows you to send the GD program and the initial basic files necessary to use GD on the terminal to the virgin terminal.

For details on the different types of terminal and further information on them, see Appendix D of this manual .

Copy terminal data for assistance

The copy data terminal function, accessible from the Tools menu of GDAdmin, is the procedure that allows copying the data contained in the handheld terminal. It must be performed only if requested. To copy, access the Copy terminal data function, select the operator and press the "Start" button, the data will be copied to the pre-set folder:

C:\Baseterm Temp for the Windows CE family handhelds,



For Windows CE terminals , PPC and Windows Mobile, terminal data copying can also be done manually by copying the GDARC folder inside the terminals.

The Print menu of GD Admin

It allows to visualize and use all the data of the management.

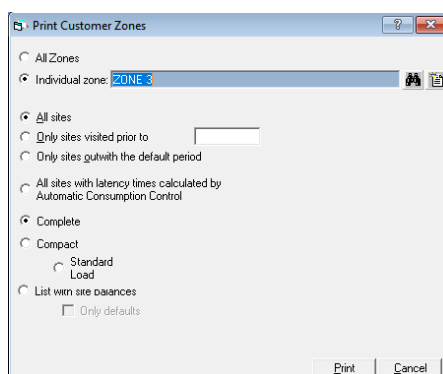
Print Zone Customers

It allows to print the lists of the sites belonging at all the zones or at a selected zone, executing the same type of possible selections which you have at the act of creation of the route starting from the zones or in **add stages**, then it's possible to print:

- All the sites of the Zone
- The customer sites only visited before a certain date
- The sites only with machines beyond standard interval
- All the sites which have a latency surveyed by the automatic consumption control

The list of the sites can be complete or selecting List with settlement site - Only insolvents, it's possible to visualize for every site the list of the routes in which has been generated or all the full settlement of the site (useful in the case the credit recovering is made by a third operator); such a list can be visualized starting from a date insertable in the proper case appearing when is selected a check insolvents only and is activated when is selected the check detail insolvents. (in the detail are included only those visits in which the total to pay is different from 0 and the date of payment is not set).

It's at last possible to print the standard load set for the relative zone.



Print Customer sites

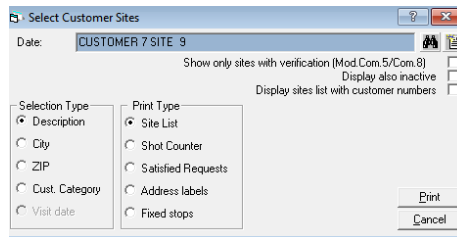
It allows to print the lists of the sites, choosing if visualize them grouped for description, town, Postal Codes, Customers Category.

The print can report the list of the sites or can be filtered for Beats and for satisfied requests. If is not inserted anything in the case description but is pressed directly the button "Print", at the opening of the screen it will be visualized the list of all the sites on the base of the selected options. If you select a site will be printed only the data of the selected site.

It allows also to print labels addresses to use to send letters to the customers. The data can be printed on sheets of autoadhesive labels (in A4 format hollow punched for laser printers, ink jet printers and photocopying machines, label format: 70mmx37mm, the sheet is constituted by 3 columns 8 lines for a total of 24 labels); the used data are the description of the customer and the address of the site.

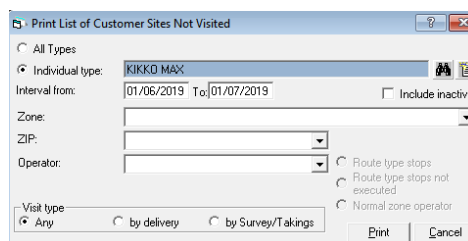
Moreover checking fixed Stages one obtains a print which reports for any site which are the routes at fixed stages in which is foreseen with the relative information. Through this printing it will be possible to identify what stages are missing on the base of the frequency of visit you want.

Selecting the options Beats C\C (strokecounter) is visualized the option Beats Type, which allows to choose among the different options for the printing of the beats: All the beats, Total beats, Coffee group beats and Water group beats.



Printing Sites not visited

This heading allows to obtain the print of those customer Sites which, in a specific period of time, have not been visited. This constitutes an advantage, so as allows the verification of the not executed visits, with a generic purpose or for cashing survey or for goods delivery, and above all it allows the survey of possible forgotten sites in a specific period of time indicated by the user.



It's possible to see what customers sites have not been visited in the set period of time, with the possibility of selection for dispenser type, Zone and Operator.

The filter for Operator limits the list of the customers sites not visited or at those which are part of type route in which the specified operator is indicated as habitual operator (form definition Head accessible from type routes) or at those of the zones in which the operator is that habitual (customer zone form). The option Stages not executed of the types route starts from the types route which have been used in the routes carried out in the specified period and on the base of these, with the same possibility of filter alrready available, lists which stages are in the types and have not been made.

The option "Include Inactives" will consent to extend the research at those inactive, which will be stressed with the wording RIT.

After having carried out the a.m.choices, it will be possible to indicate the "type of visit" which you will want to consider for the survey, choosing among Whatever, For deliveries or For Survey/Cashing.

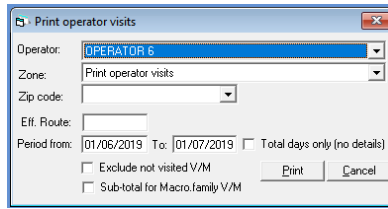
- *Whatever* it indicates a non preference on the type of visit, or that will be of type "generical", without specifying what type of visit the operator could have to execute.
- *For deliveries* : it indicates the exigency of surveying only this type of visits which have had as an objective the goods delivery from the operator.
- *For Survey/Cashing* : it indicates the will of considering for the survey only the type of visits which have had as purpose the survey by the operator of the cashings or of the beats.

Confirming the shown settings, it will be possible to obtain the list of the Customers Sites not visited, where, for the sites which will not be included in the list, will be signaled the information relative to the last carried out visit: the operator who has executed it, the route and the date.

Printing visits carried out

It allows to visualize the stages executed daily by one or of all the operators, having for every stage the way, the date, the site, the dispenser complete of the type and an indicator to know if in that date the operator has made deliveries, surveyed beats, registered the small bag for the cashing, regiostered possible data of the payment system and possible maintenance intervention.

For every day and for every operator it's possible to know the number of carried out operations for every type over described. It's possible to have also a printing without detail of the sites but with the total only.



Print operator visits

Operator: OPERATOR 6

Zone: Print operator visits

Zip code:

Eff. Route:

Period from: 01/06/2019 To: 01/07/2019 ☐ Total days only (no details)

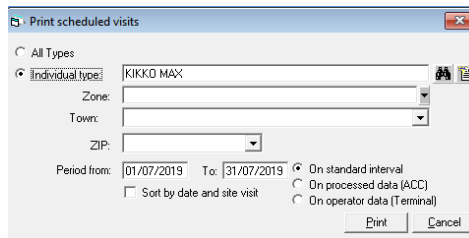
☐ Exclude not visited V/M

☐ Sub-total for Macro family V/M

Print Cancel

Print programmed visits

Programmed visits allows to search for type dispenser, zone customer and on the base of the set date interval, starting from the date of today on (are not admitted date precedent at the todays date), for the customers which have to be visited choosing between two options: "On standard interval", i.e. the recharge interval set on the form of the single dispenser and "On elaborated date (ACC)" Selecting this last one is executed the control of coherence data on the base of the setting of the ACC, if the control has negative result is visualized a message ("Before using this option is necessary to carry out "Management ->Elaboration dates ACC") and is automatically set the first option. The option "On date operator (Psion)", will ask for the insertion of the possible operator and the period of dates to include (it' not possible to set a date inferior at todays date).



Print scheduled visits

☐ All Types

☒ Individual type: KIKKO MAX

Zone:

Town:

ZIP:

Period from: 01/07/2019 To: 31/07/2019 ☒ On standard interval

☐ Sort by date and site visit ☐ On processed data (ACC)

☐ On operator data (Terminal)

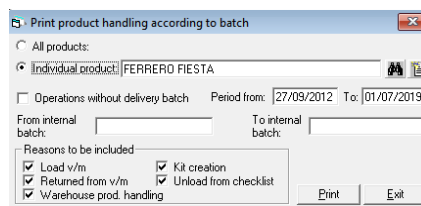
Print Cancel

Print Deposits

It allows to print the stocks of products present in the selected deposit to know what was in the warehouse at the set date

Management Lots

It allows to print for all the products or for single product, the movements of goods with or without the managed lot.



Print product handling according to batch

☐ All products:

☒ Individual product: FERRERO FIESTA

☐ Operations without delivery batch

Period from: 27/09/2012 To: 01/07/2019

From internal batch: To internal batch:

Reasons to be included:

☒ Load v/m ☒ Kit creation

☒ Returned from v/m ☒ Unload from checklist

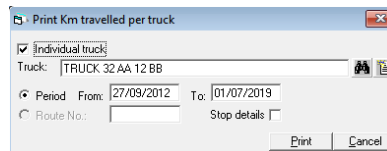
☒ Warehouse prod. handling

Print Exit

Print Trucks

This print, accessible from the Print menu of GD Admin, reports the kilometers driven by every truck. It' possible to print without filters or specifying the following filters: A specific truck, dates interval (at the limit just one date), the route number, the Stages detail what allows to visualize in the printing the stages effectively executed on the route, arranged for date and hour of visit.

NB congruence of the data to visualize is strictly bound to the correct insertion of the kilometrage of the truck at every starting of the route, it's possible to supply a calculation of the kilometers executed in a tour by a truck if the same truck has executed a trip after the tour under examination.



Print Km travelled per truck

☒ Individual truck

Truck: TRUCK 32 AA 12 BB

Period From: 27/09/2012 To: 01/07/2019

Route No.: Stop details ☐

Print Cancel

Print Types Routes

The function Print types routes allows to print the stages inserted in the structure route or the standard load associated at it.

Print data daily routes

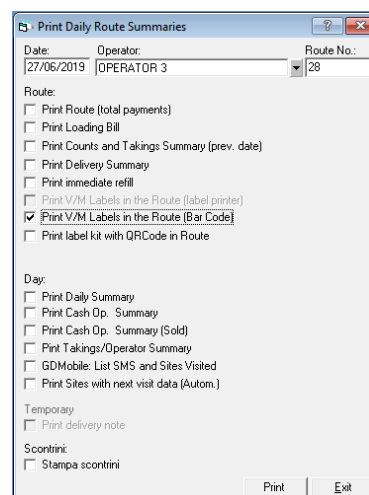
It allows to reprint the information relative to the daily routes. The selection can be carried out for route number or typing the date and the operator.

The printings are equivalent to those obtainable at the end of the tour in the "Recharge Data Route"; it's possible to obtain:

- The **Print Route (Total payments)** : in which it's possible to print all the stages which have been visited and the headings Paid, to Pay, Allowance and Suspended relative to the visited sites.
- The **Print Charge List** : which allows to visualize the list of the products charged on the truck.
- The **Print Beats Recapitulation and Cashings (previous date)** : which prints (in the case they have been surveyed and registered) the cashings and the beats of the subject site.
- The **Print Deliveries Recapitulation**

In the section Daily it's possible to obtain, as far as the indicated date is concerned :

- The **Print Deliveries Recapitulation** recapitulation of the total cashings
- The **Print Recapitulation Movements of Cash** : recapitulate all the cashing movements
- The **Print Recapitulation Movements of Cash (Sold)** : recapitulate all the sale movements
- The **Print Operator Cashings Recapitulation** recapitulate the daily cashings for operator



Print Daily Route Summaries

Date: 27/06/2019 Operator: OPERATOR 3 Route No.: 28

Route:

☐ Print Route (total payments)

☐ Print Loading Bill

☐ Print Counts and Takings Summary (prev. date)

☐ Print Delivery Summary

☐ Print immediate refill

☐ Print V/M Labels in the Route (label printer)

☒ Print V/M Labels in the Route (Bar Code)

☐ Print label kit with QRCode in Route

Day:

☐ Print Daily Summary

☐ Print Cash Op. Summary

☐ Print Cash Op. Summary (Sold)

☐ Print Takings/Operator Summary

☐ GDMobile: List SMS and Sites Visited

☐ Print Sites with next visit data (Autom.)

Temporary

☐ Print delivery note

Scontrini:

☐ Stampa scontrini

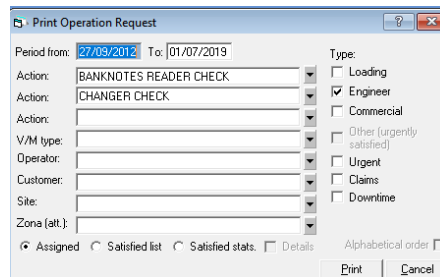
Print Exit

Print daily routes opened

It allows to have the printing of the daily routes opened, or created locally and/or sent at the terminals and not yet recharged.

Print Requests of intervention Recapitulation

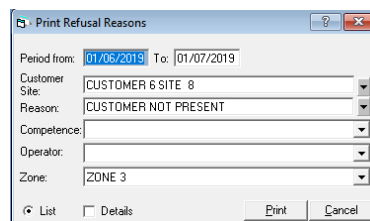
Recapitulation of intervention requests allows to print the phone request assigned to daily routes or the satisfied requests, filtering them for date, intervention type and for maintenance action, type dispenser. Always in the same window it's possible to have the statistics of the resolution (percentage in terms of time) of the requests from the date of request to that of closing of the intervention, with or without detail.



Print Operation Request dialog box. Fields include: Period from (27/02/2012) To (01/07/2019), Action (BANKNOTES READER CHECK, CHANGER CHECK), V/M type, Operator, Customer, Site, Zona (alt.), Type (Loading, Engineer, Commercial, Other (urgently satisfied), Urgent, Claims, Downtime), and buttons for Assigned, Satisfied list, Satisfied stats, Details, Alphabetical order, Print, and Cancel.

Print reasons of refusal recapitulation

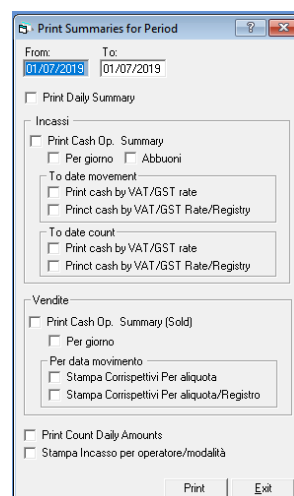
It allows to print a statistic of the reasons of refusal; the printing can be made, in an interval of dates, with and without site detail, with the refusals divided for competence and reason and can be filtered for site, reason, competence, zone and operator.



Print Refusal Reasons dialog box. Fields include: Period from (01/06/2019) To (01/07/2019), Customer, Site (CUSTOMER 6 SITE 8), Reason (CUSTOMER NOT PRESENT), Competence, Operator, Zone (ZONE 3), and buttons for List, Details, Print, and Cancel.

Print Cashings for period

It allows to print, selecting the period of time of interest, the **Daily Recapitulation** and the **Cash Movements Recapitulation** (you can choose for sold and cashed) In both the cases such cashings are separated for Invoices, Payments by route (are the amounts which appear in Recapitulation site for the products machines or at the beats machines) and payments from beats/cashings.



Print Summaries for Period dialog box. Fields include: From (01/07/2019) To (01/07/2019), Print Daily Summary, Incassi (Print Cash Op. Summary, Per giorno, Abbuoni, To date movement, Print cash by VAT/GST rate, Print cash by VAT/GST Rate/Registry, To date count, Print cash by VAT/GST rate, Print cash by VAT/GST Rate/Registry), Vendite (Print Cash Op. Summary (Sold), Per giorno, Per data movimento, Stampa Corrispettivi Per aliquota, Stampa Corrispettivi Per aliquota/Registro), Print Count Daily Amounts, and Stampa Incasso per operatore/modalità. Buttons: Print, Exit.

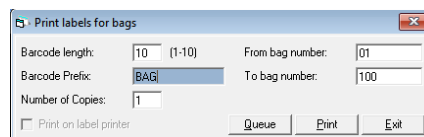
NB In case in which in the General Settings of GD Admin has been set a password to accede at the analysis, such password will have to be inserted also for acceding at Print cashings for period.

Print labels for small bags

The print Labels for small nbags, accessible from the print menu of GD Admin allows to freely print the labels of the barcodes. Procedure:

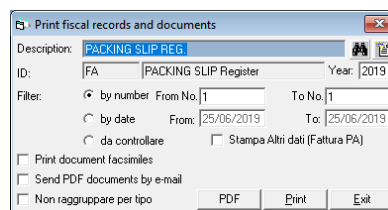
- +1) Insert the total length of the barcode (Max 10)
- 2) Insert prefix which will be printed before the small bag number (Optional)
- 3) Insert the number of the small bags of starting and that of end.
- 4) Insert the number of copies for single label.
- 5) If you want to print immediately, press the button print, if you have to print labels with other parameters (numeration, prefix etc.) press the button Queue which have the function of holding the requested labels in abeyance until is pressed the print button.

If you press the button exit with some labels in abeyance, will exit the message with the possibility of printing the queueing labels, answering No the queueing labels will get astray.



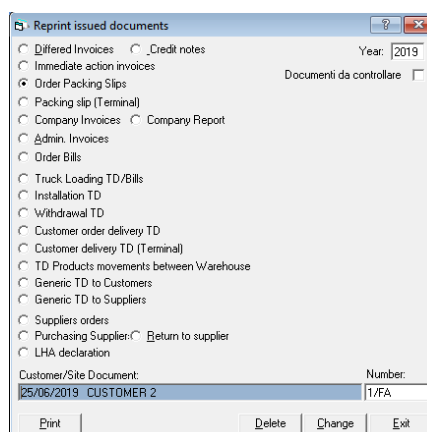
Print Fiscal Registers

It allows to print the register selecting one at a time with the possibility of choosing from number at number or for date; it's furthermore possible to check the option print facsimile documents which on the base of the other selected options, besides the simple list of the invoices, will print the issued documents.



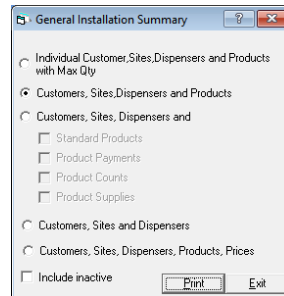
Reprint issued documents

It allows to carry out the reprinting of the documents issued during the routes creation. To execute a research it's always necessary to select the type of document, then is possible to digit the document number (if known) or choose the site with the usual modalities. In this second case will be supplied the list of the documents issued for that site.



Recapitulation Installations

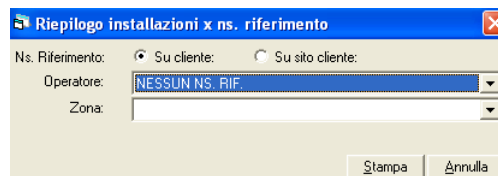
It allows to obtain a recapitulation of the current installations, permitting to visualize also the list (for type of product) associated at every installation .



Recapitulation installations for our person of reference

It allows to have the printing of the installations on the base of the person of reference inserted in the customer form or in the customer site form.

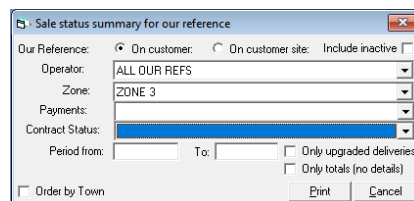
The field Our reference is an association between customer/site and operator only at the purpose of this print, or to know who is the first referent of the customer in the management.



Sell recapitulation for our person of reference

It allows to have the printing of the installations on the base of the person of reference inserted in the customer form or in the customer site form.

The field Our reference is an association between customer/site and operator only at the purpose of this print, or to know who is the first referent of the customer in the management.



Print L.H.A. Declaration

It allows to print the declaration of installation/withdrawal of the dispenser starting from the selected date and limitedly at the movements with the "flag" of printing declaration L.H.A.enabled. Select the desired L.H.A.and press Print to carry out the printing of the declaration (see [Logic of the declaration L.H.A.](#)).

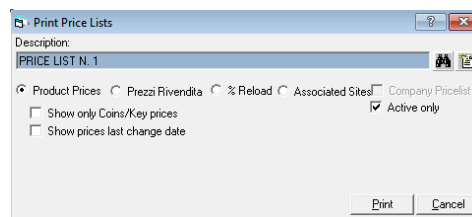
Declaration at the Municipalities Mod. Com. 5

It allows to visualize and to print the declaration at the Municipalities (see [Logic of Declaration at the Municipalities](#)).

Print Pricelists

It allows to print the data of the sale pricelists, besides the list of the sites associated at a certain pricelist. Select the pricelist and the type of desired printing.

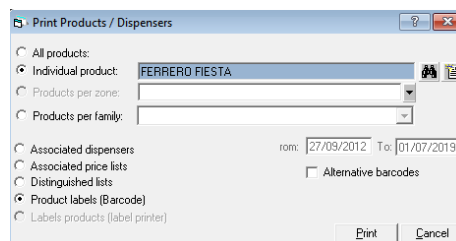
Checking the case % Recharge within the selected pricelist and grouped for products families, for every product (excluding beats and supply) are shown the last cost and the average cost, the selling price (hire only), the difference between this and the last cost with relative percentage of recharge and the difference between this and the average cost with relative percentage of recharge. All both for the supply and for the invoicing. For every family is present the percent average of the recharge (excluding the headings at 0 or the products which have neither the price nor the cost). The same value is available for the complete pricelist.



Print Products/dispensers

It allows to print, selecting a certain product:

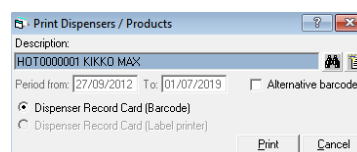
- The dispensers associated at the product;
- The movements of the product in the interval of selected dates;
- The detail of the delivered (possibly for all the products) in the interval of the selected dates;
- The Recapitulation of the delivered quantities (possibly for all the products) in the interval of the selected dates;
- The Recapitulation movement for reason (possibly for all the products) in the interval of the selected dates;
- The Pricelists associated at the product;
- The products labels with the barcodes



Print dispensers/Products

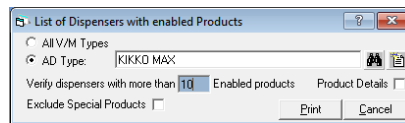
It allows to print, in the interval of selected dates, the recapitulation of the quantity of product charged on the selected machine. The selection of the dispensers can be made also starting from the Customer Site, putting before, as in the form of dispenser in GD, the character @ at the research.

It allows furthermore to print the dispenser form with the relative barcodes.



List of dispensers with enabled Products

Always to keep under control the products enabled on the distributors it's possible to control, on Print menu of GDAdmin, the printing **List of dispensers with enabled Products**



The function control how many products are enabled on every dispenser showing for which types there are dispensers which overcome the limit set on Verify dispensers with more than [number]products enabled, for example inserting 10, GD lists the types and the dispensers where there are more than 10 active products, optionally listing them for single register number/product.

Print Rent

Types of rent

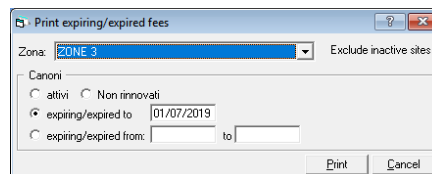
Stampa tutte le tipologie di canoni con i relativi prodotti associati.

Active Rents

Print all the rents which are active, the relative customers with due amount.

Rents in expiration/expired

Print the rents which are about to expire (according to the time set of advance notice) or expired.



The print of the rents about to expire/expired contains the possibility of indicating the date at which control the expiration, keeping into account the interval of warning signal..... Moreover, is offered the possibility of knowing what rents will expire, without considering the warning signal, in a certain future interval of dates, excluding then possible rents expired before the date of starting control.

Subscription printing

Types of Subscriptions

Print all the types of subscriptions with the relative associated products.

Active subscriptions

Print all the subscriptions which are active, the relative customers with due amount.

Subscription in expiration/expired

Print the subscriptions which are about to expire (according to the time set of advance notice) or expired .

Total Engaged

Print the products which are in subscription, how many in total, the delivered ones and those to deliver. The stock which there is really in the (present) deposit and that could be to satisfy the subscription (the total engaged, the effective)

Situation Returns not withdrawn

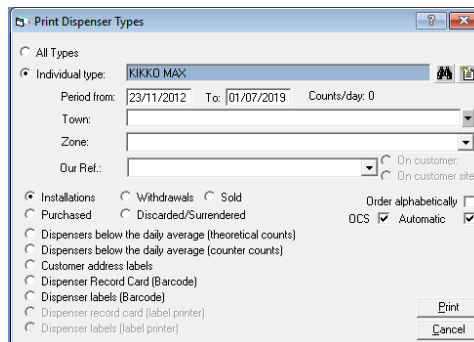
Print all the returns and the site where they have to be withdrawn.

Print Types dispensers

It allows to execute printings on the chosen type of dispenser.

After having executed the selection of the type, it's possible, for the interval of selected dates, to obtain:

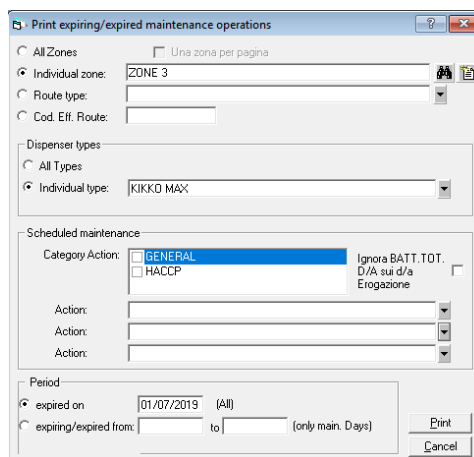
- The list of the installed dispensers, withdrawn, sold, bought, scrapped in the selected period.
 - The dispensers under daily average (calculating the theoretical beats)
 - The dispensers under daily average (calculating the beats/supplies registered in the S/C). strokecounters
- These last two types of printing supply a list of the installed machines which are under the prefixed average in the form of type dispenser. When you choose one of these two options for a specific type of dispenser the starting date is set at that of the first delivery (in case of the analysis on the base of theoretical beats) or at that of the first survey (in case of beats S/C) if is successive at the date of first installation of that type of machines. The user can however change it. This function allows, at the act of a new purchase of machines, of verifying if in its own park customers exists whatever machine of the same type which works under average and which can possibly be withdrawn and substituted. It allows moreover to print the labels for the letters at the customers, the form of the dispenser and the labels of the dispensers with the relative barcodes.



Print Maintenance

Interventions in expiration

It reports the list of the dispenser on which have to be executed the programmed maintenance.



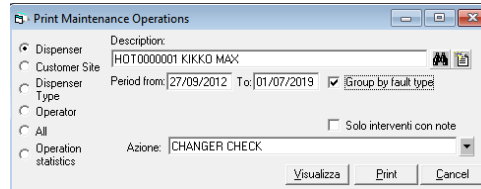
The print maintenances in expiration/expired, contains the possibility of filtering the maintenances to carry out for Zone, Type dispenser and Action relative at the programmed Maintenance (knowing that, if you choose a type dispenser, it will be possible to select only the maintenances/actions present in the type itself) with the possibility of indicating the date in respect to which control the expiration, besides the possibility, for the only maintenance based on time intervals, of knowing what maintenances will expire in a certain future interval of dates, supplying only those which will expire and excluding, then, the possible maintenances expired before the date of starting control.

In particular : the first option, expired at the, foresees the possibility of showing the date at which have to make the verification and to print all the maintenances expired at that date; the second option, in expiration/expired from the at

the, which, as said, lists only the maintenances based on time interval, serves for knowing what maintenances will expire (given that they are not made of the same type in the meantime) in the shown period.

Interventions carried out

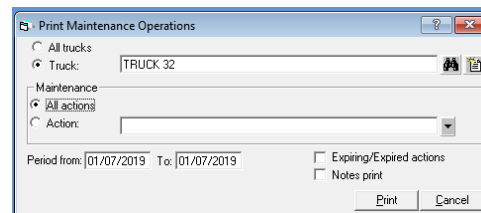
This printing reports the maintenance interventions carried out in the interval of selected dates, selecting the dispenser or the customer site or the type dispenser, the operator, all the data, with the possibility of visualizing them also grouped for type of failure.



Selecting the option **Intervention Statistics** you render visible an adjunctive field (more than [number] intervention for site) in which is possible to insert the minimum number of executed intervention, and a field Sites Detail/dispensers which allows the list of sites and of dispensers drawn out from the analysis. If the field Sites Detail/dispensers is deactivated is visualized the section "RECAPITULATION N° SITES FOR N° INTERVENTIONS". If the field Sites Detail/dispensers is activated is before visualized the detail of the analysis and the recapitulation section is printed at the bottom of the report.

Trucks Maintenance

This print reports the maintenance interventions carried out in the interval of selected dates



Control lists

They allow the print of the various lists for the control of the data introduced in GD. At present those available are:

Registry Customers lists

Standard list : It contains the registry information of the various customers, as Company Name, Address, Person etc. It's also possible to visualize the indications on the adopted payment modalities, the type of calculations of the correspondents amounts and the invoicing modalities.

Extended list (with other data): print of the data contained in the other data folder of the customer

Registry Customers Sites list

It reports the registry of the customers sites grouped for belonging zones, with associated pricelist, LHA.

General tables

This option is divided in different functions, below described:

- **Standard Actions** : it describes the types of the standard actions which the operator must or could execute for the maintenance and the control of V/M's.

These actions are subdivided for "Description", which refers to the action type, "Standard Cost" which reports the possible cost of the subject action, "Stock Survey" or a special action which, if checked in the "box" inside the GD/Standard Actions Table, allows the stocks survey, and at last " Verify execution" option which, if activated in GD/Standard Actions, verifies the completion or not of the action by the operator.

In the print, the visualization of the letter " X " indicates the carrying out of such verification: if the "X" is present and the operator carries out such verification, the same will not be repropose for the successive days; on the contrary if the "X" is present but the operator do not execute the verification, the same standard action will be repropose for the successive days until the verification will not be brought at the end.

- **Refusal motives** : this print indicates the reasons of the refusal of the last visit by the customer (for example, absent customer, closing day, etc.).
- **Payment Systems**: it is the list of payment system and of the payment products associated at it. The interface indicates the presence or not of Coges (which is the control system).
- **VAT codes table** : it reports the list of VAT percentages present in GD.
- **Fiscal registers table** : it lists all the fiscal registers present in GD with associated the type of register, which can be : "Transport Document", "Covering invoice" or "Invoice" it shows furthermore the identifier assigned at the register, and that which will be the next register number.
- **Families of cost table** : it indicates the costs supported by the company for its own management.

Registry tables

it is the list of all the registry data of the company suppliers.

- **Suppliers list** : it lists all the company suppliers.
- **Operators list** : it lists all the company operators.
- **LHA list** : it lists the data inherent at any LHA, i.e. LHA number, VAT number, address, town, province, phone number, e-mail, notes.
- **Deposits list** : it lists all the company deposits.
- **Trucks list** : it lists all the company trucks grouping them for "Description", "Number plate" and "Operator".
- **Special Warehouses list** : it's the list of the location in which are situated the company dispensers.

dispensers/product tables

- **dispensers Brand** it's the list of all the dispensers brands.
- **dispensers Family** : it lists the families of the dispensers, specifying moreover if everyone of them is provided or not of strokecounter.
- **dispensers Type** : it indicates if the dispenser is provided or not of the strokecounter, the standard actions, the belonging family and the payment modalities. Furthermore, at the heading "Characteristics" shows the foreseen daily beats ad if the dispenser is of property or not.
- **dispensers Accessories** : it supplies with the description of the accessories which are or can be coupled at the various dispensers.
- **Products Family** : it shows the whole of the product families.
- **Special Products** : it's the list of these products classified as "special" which are described for "Measure unit" (MU). VAT, Payment (Keys Management), Supplies, Beats, dispenser and Rent/Subscription.
- **Products for family** : it shows the products grouped for families supplying the measure unit, the coffee Beats, the water Beats and at last the short Description, or the abbreviation of the name of the subject product.
- **Products for account code** : it supplies with the products list, described for account Code, specifying the measure Unit inherent at everyone of them.

Calculation prizes and commission tables

These prints are not available in GD1

- **Customers state**
- **Contracts state**
- **Prizes profile**
- **Commission profile**
- **Products for commission band**

dispensers lists

- **General** : it lists all the dispensers grouped for family, showing their Code, the Location, the Town and the total number of the distributors of the same sort. Moreover, if it's present a code of a payment system, at the far left will appear the code also of that last one.
- **Inactive dispensers** : lists the dispenser deactivated and grouped for belonging family, specifying their register number, the Sites or Warehouse of location and the total of the inactive dispensers of the same type.
- **dispensers in the main deposit** : it lists all the dispensers present in the main Deposit, subdividing them for Types, showing the register number, the total number of the dispensers of the same type and the history of the movements of every single dispenser, specifying the date and the allegation (Purchase, Installation or Withdrawal) which have determined the movement.
- **dispensers in the main deposit / special warehouse**: it lists all the dispensers present in the main Deposit, subdividing them for Types, showing the register number, the total number of the dispensers of the same type and the history of the movements of every single dispenser, specifying the date and the allegation (Purchase, Installation or Withdrawal) which have determined the movement.
- **dispensers for zone and type**

- *dispensers for payment system and type*
- *dispensers for payments, invoices/supply and type*

Installed dispensers types recapitulation

It's the recapitulation of the installed dispensers of which are indicated the Type, specifying the register Number of every dispenser and the belonging family and the total number of the dispensers of the same type.

Types dispensers in the main deposit recapitulation

It's the recapitulation of the dispensers at deposit in the main warehouse, of which is indicated the Type, and of which is calculated the total number for belonging family.

Types dispensers in the special deposits/warehouses recapitulation

It's the recapitulation of the dispensers which are in the special deposits or in special warehouses, of which is indicated the Type, and of which is calculated the total number for belonging family.

Installed payment systems recapitulation

Such print lists, for the active dispensers, the installed payment systems and the number of installation for every system.

Delivered products

It allows to print, for every customer who has dispensers managed at delivered products, the last three delivered products: can be useful at commercial purposes in case of actions of telemarketing and similar. It contains also the Settlement and the total sold at the customer, besides the possible invoices of reference.

Types Routes List

It specifies the Route types inserted in GD, indicating the place of starting, the description of the route, the last date of carrying out the tour, the discursivity of the same, the warehouse of starting, the truck and the operator and at last all the visitable stages.

Purchase from supplier list

It allows to visualize, subdivided for supplier, the list of product with the average cost, the last cost of purchasing, the total quantity bought of that product and the various dates of purchase.

Settlements site for stage control list

It allows to visualize the customers sites where, for various reasons, you can create some inconsistencies in the settlements of the routes.

Sites/municipalities list to declare (Mod. 5)

It allows to have the list of the customers sites, subdivided for belonging municipality, for which have to be still issued the Declaration at the Municipality (see Logic of issuing of the Declaration at the Municipalities).

Municipalities/customers sites control list

It allows to have the list of the customers sites subdivided for belonging municipality (see Logic of issuing of the Declaration at the Municipalities).

Declaration at the municipalities control list

It allows to have the list of the declaration already issued for every municipality with the relative issuing date (see Logic of issuing of the Declaration at the Municipalities).

Survey wrong beats control list

It shows the total of the wrong beats surveyed inside GD allowing to identify quickly the possible wrong registrations carried out by the operators.

Coherence payments contro list

It allows to visualize the possible inconsistencies relative at movements carried out in regime different from the present configuration of the dispensers

Maturing contracts control list

It visualizes the essential data of the customer and the data of the contracts expiring within 90 days, with indicated the remaining days at the maturity of the contract, the list is put in order for expiring date.

Squaring dates control list

It reports the squaring date of every customer site.

Valorized deposit stocks

It allows to have a list of the products in stock in the deposits valorized for last cost of purchase, average cost or standard cost.

Valorized trucks stocks

It allows to have a list of the products in stock in the trucks valorized for last cost of purchase, average cost or standard cost.

Deposits and trucks total inventory

It allows to have a list of the products in stock in the deposits and in the trucks valorized for last cost of purchase, average cost or standard cost.

Installation and withdrawals to execute control list

It shows the operation of installation or withdrawal to execute on every dispenser moved, of which it supplies with the registry and specifies the location of the same. The print can be carried out in complete way or choosing to print only the installations or only the withdrawals.

Customers sites and dispensers for zone control list

It reports divided for zone and operator the number of customers sites and the number of dispensers.

Customized checklists

Introduction

Users are frequently asked to obtain a selection of the data in GD according to their needs, which are not met by checklists and selections already set up in GD. This new feature wants to provide a tool that allows the user to compose autonomously some checklists.

This tool allows you to perform the following tasks:

- 1) create multiple structures that allow you to perform data extraction from GD.
- 2) Display the Data in a grid that allows you to group them together and total the number of rows in the grid.
- 3) Print or export the data displayed in the grid to a text file.

Given the complexity of the GD data and the many possible combinations of the same, this tool cannot cover them all. We have therefore tried to provide a tool that can satisfy the most common needs.

Main mask

The customized checklist is composed of a mask that presents the three options at the top:

- 1) Checklist on dispensers, Sites and Customers
- 2) Checklist on dispensers Installed on date
- 3) Checklist on dispensers on deposit on date

Next to the three options there is a 'Description' box that allows you to specify the name of a new checklist or search for a previously created one.

Below are three tabs: 'Schema', 'Data' and 'List / User'. The latter is visible only if the GD module for access management is activated.

In the 'Schema' tab you can define the structure of the checklist.

In the 'Data' tab you can select the data.

In the 'List / User' tab you can guarantee or deny the access of one or more checklists to GD users.

Liste di controllo personalizzate

☒ Liste di controllo su Distributori, Siti e Clienti
☐ Liste di controllo su Distributori Installati alla data
☐ Liste di controllo su Distributori In deposito alla data

Descrizione:

Schema **Dati** **Lista/Utente**

Selezioni

Disponibili

- ☐ Cliente
 - ☐ Centro Eco-Fin
 - ☐ ABI
 - ☐ Banca
 - ☐ CAB
 - ☐ CAP
 - ☐ Categoria
 - ☐ Categoria Commerciale
 - ☐ CC
 - ☐ Cod. Contabile
 - ☐ Codice Fiscale
 - ☐ Corrispettivi
 - ☐ Email
 - ☐ Fax
 - ☐ Inattivo
 - ☐ Indirizzo
 - ☐ Modalità Pagamento
 - ☐ Num. Contratto
 - ☐ P. IVA
 - ☐ Persona
 - ☐ Profilo Provv.

Selezionate

- ☐ Cliente
 - ☐ Rag. Soc.
 - ☐ Distributore
 - ☐ Identificativo
 - ☐ Sito/Magaz.
 - ☐ Descrizione
 - ☐ Tipologia Distributore
 - ☐ Modello
 - ☐ Zona
 - ☐ Descrizione

☐ << ☐ ☐ >>

Filtri

☐ Cliente->Categoria	è
☐ Cliente->Corrispettivi	è
☐ Cliente->Modalità Pagamento	è
☐ Cliente->Profilo Provv.	è
☐ Cliente->Rag. Soc.	è
☐ Distributore->Corrispettivi	è
☐ Distributore->Identificativo	è
☐ Distributore->Sistema Pag. 1	è
☐ Distributore->Sistema Pag. 2	è
☐ Distributore->Sistema Pag. 3	è
☐ Distributore->Stato	è
☐ Distributore->Tipo Alimentazione	è
☐ Sito/Magaz. ->Descrizione	è
☐ Sito/Magaz. ->Profilo Provv.	è
☐ Tipologia Distributore->Famiglia	è
☐ Tipologia Distributore->Macro Famiglia	è
☐ Tipologia Distributore->Modello	è
☐ Zona->Descrizione	è

Schema

Each of the three options provides a list of elements within the 'Available' tree list placed in the 'Schema' tab.

After choosing one of the three options, it is possible to recall a checklist previously created using the 'Description' text box or create a new checklist by selecting a combination of items in the 'Available' tree list and moving the selected elements to the 'Select' list using the >> button.

It is also possible to choose one or more filters in the 'Filters' section to be used in the 'Data' tab.

After completing the structure of the checklist and saving it with the 'Save' button, you can switch to the 'Data' tab to view the data.

Liste di controllo personalizzate

☒ Liste di controllo su Distributori, Siti e Clienti
☐ Liste di controllo su Distributori Installati alla data
☐ Liste di controllo su Distributori In deposito alla data

Descrizione:

Schema Dati Lista/Utente

Selezioni

Disponibili

- ☐ Cliente
 - ☐ ABI
 - ☐ Banca
 - ☐ CAB
 - ☐ CAP
 - ☐ CC
 - ☐ Cod. Contabile
 - ☐ Codice Fiscale
 - ☐ Email
 - ☐ Fax
 - ☐ Indirizzo
 - ☐ Modalità Pagamento
 - ☐ P. IVA
 - ☐ Persona
 - ☐ Profilo Prov.
 - ☐ Provincia
 - ☒ Rag. Soc.
 - ☐ Saldo Contabile
 - ☐ Telefono
- ☐ Distributore
 - ☐ Giorni Man. Prog. 3

Selezionate

- ☐ Cliente
 - ☐ Centro Eco-Fin
 - ☐ Categoria
 - ☐ Categoria Commerciale
 - ☐ Corrispettivi
 - ☐ Inattivo
 - ☐ Num. Contratto
 - ☐ Distributore
 - ☐ Sito/Magaz.
 - ☐ Provincia
 - ☐ Tipologia Distributore
 - ☐ Zona

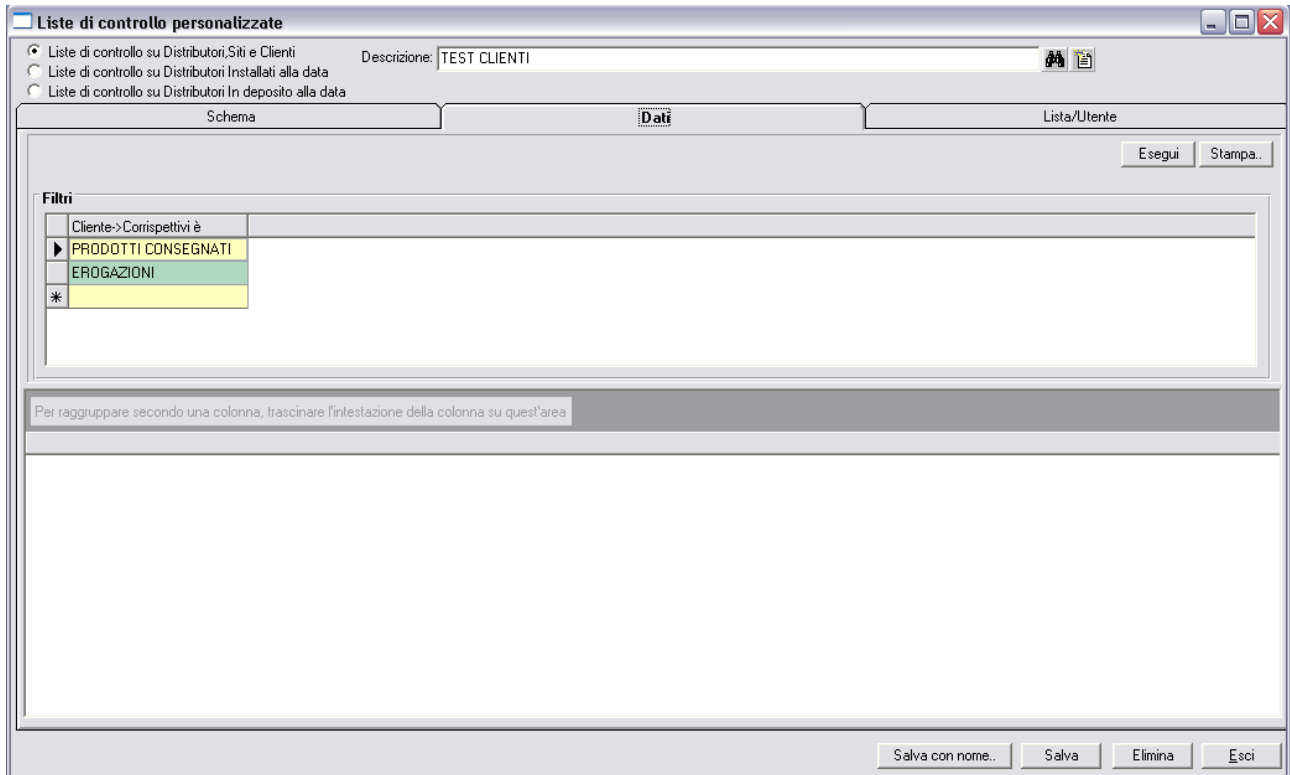
Filtri

☐ Cliente->Categoria	è
☒ Cliente->Corrispettivi	è
☐ Cliente->Modalità Pagamento	è
☐ Cliente->Profilo Prov.	è
☐ Cliente->Rag. Soc.	è
☐ Distributore->Corrispettivi	è
☐ Distributore->Identificativo	è
☐ Distributore->Sistema Pag. 1	è
☐ Distributore->Sistema Pag. 2	è
☐ Distributore->Sistema Pag. 3	è
☐ Distributore->Stato	è
☐ Distributore->Tipo Alimentazione	è
☐ Sito/Magaz.->Descrizione	è
☐ Sito/Magaz.->Profilo Prov.	è
☐ Tipologia Distributore->Famiglia	è
☐ Tipologia Distributore->Macro Famiglia	è
☐ Tipologia Distributore->Modello	è
☐ Zona->Descrizione	è

Salva con nome... Salva Elimina Esci

Data

In the 'Data' tab you will find the 'Filters' section where you can specify one or more values for the filters chosen in the Schema before performing the data selection.



Liste di controllo personalizzate

☒ Liste di controllo su Distributori, Siti e Clienti Descrizione: TEST CLIENTI
☐ Liste di controllo su Distributori Installati alla data
☐ Liste di controllo su Distributori In deposito alla data

Schema **Data** Lista/Utente

Esegui Stampa..

Filtri

- Cliente->Corrispettivi è
 - PRODOTTI CONSEGNATI
 - EROGAZIONI
 - *

Per raggruppare secondo una colonna, trascinare l'intestazione della colonna su quest'area

Salva con nome... Salva Elimina Esci

Press the 'Execute' button to display the selection in the grid.

The grid shows one or more columns based on the elements chosen in the Scheme, it is possible to group the data for each column. The number of rows extracted from the selection will be displayed in the grouping line.

Liste di controllo personalizzate

☒ Liste di controllo su Distributori, Siti e Clienti
☐ Liste di controllo su Distributori Installati alla data
☐ Liste di controllo su Distributori In deposito alla data

Descrizione: TEST CLIENTI

Schema Dati Lista/Utente

Esegui Stampa..

Filtri

☐ Cliente->Corrispettivi è
☒ **PRODOTTI CONSEGNA**
☐ EROGAZIONI

Cliente->Corrispettivi

Cliente->Corrispettivi	Cliente->Num. Contratto	Cliente->Inattivo	Cliente->Categoria	Cliente->Categoria Commerciale	Cliente->Centro Eco-Fin	Sito/Magaz.->Provincia
PRODOTTI CONSEGNA		☐				
PRODOTTI CONSEGNA		☐				PC
PRODOTTI CONSEGNA		☐	AZIEND			
PRODOTTI CONSEGNA		☐	ABITAZ			
PRODOTTI CONSEGNA		☐	DIPENDENTI MAIN VENDING			PC
PRODOTTI CONSEGNA		☐	PROPRIETARIO D/A CIALDE			PC
PRODOTTI CONSEGNA		☐	PROPRIETARIO D/A CIALDE			PV
PRODOTTI CONSEGNA		☐	- DA ASSEGNARE			.
PRODOTTI CONSEGNA		☐	ABITAZIONE PRIVATA			CR
PRODOTTI CONSEGNA		☐	ABITAZIONE PRIVATA			PC
PRODOTTI CONSEGNA		☐	ABITAZIONE PRIVATA			PV

Salva con nome.. Salva Elimina Esci

Selecting a cell of the data grid and pressing the right mouse button displays a popup menu that allows you to include / exclude from the grid all the rows with the value selected in the cell. When the filter is applied the name of the column on which the filter is applied is highlighted in bold. To remove the filter, press the right mouse button again on the column, a popup menu will appear which will allow you to remove the filter.

vo	Cliente->Categoria	Cliente->C
	ABITAZIONE PRIVATA	
	ABITAZIONE PRIVATA	
	ABITAZIONE PRIVATA	
	ABITAZIONE PRIVATA	
	SETTORE PUBBLICO O SCUOLA	
	ABITAZIONE PRIVATA	
	ABITAZIONE PRIVATA	
	ABITAZIONE PRIVATA	

vo	Cliente->Categoria	Cliente->Categoria Commerciale	Client
	ABITAZIONE P		
	ABITAZIONE PRIVATA		
	ABITAZIONE PRIVATA		
	ABITAZIONE PRIVATA		
	SETTORE PUBBLICO O SCUOLA		
	ABITAZIONE PRIVATA		
	ABITAZIONE PRIVATA		
	ABITAZIONE PRIVATA		

Rimuovi Escludi AZIENDA PRIVATA O CIRCOLO

Salva

User List

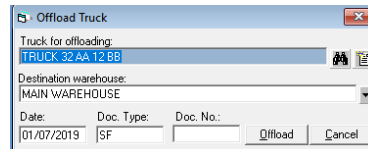
If user controlled access and password access is enabled in GD, the list of available users is displayed in this tab. These users can be enabled to run the current checklist.

The Management menu of GDAdmin

Offload truck

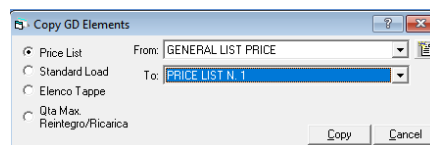
This function, accessible from the Management menu of GD Admin, allows to discharge the goods present on the truck bringing it again in the warehouse.

The confirmation of what set has to happen through the button "OffLoad".



GD elements copy

GD elements copy, accessible from the Management menu of GD Admin, is the function which allows to copy the selling pricelists and the standard charges starting from one already compiled.



Pricelists copy

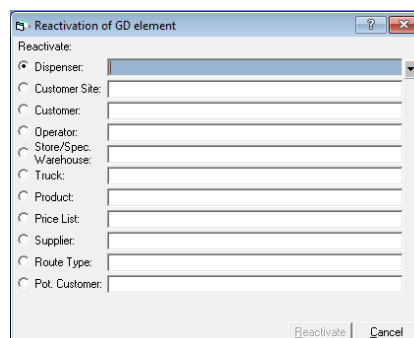
To copy a pricelist it's necessary firstly to create a new list from Pricelists denomination, then will be necessary to select the list to copy and the list to paste. The copy of the pricelists serves only for lists already compiled, for which it's necessary to pay attention when you are carrying out these operations.

Standard charges copy

To copy a standard charge it's necessary firstly to create the new customers and the new routes definitions, then it will be necessary to select the customers zone or the route definition to copy and that on which you want to paste it. The copy of the standard charge serves also for standard charges already compiled, for which it's necessary to pay attention when you are carrying out these operations.

GD element re-establish

This function, accessible from the Management menu of GD Admin, allows to re-establish a GD element, which has previously had rendered inactive. Choose the element to re-establish, confirm clicking on the button "Re-establish" to render effective the modification.

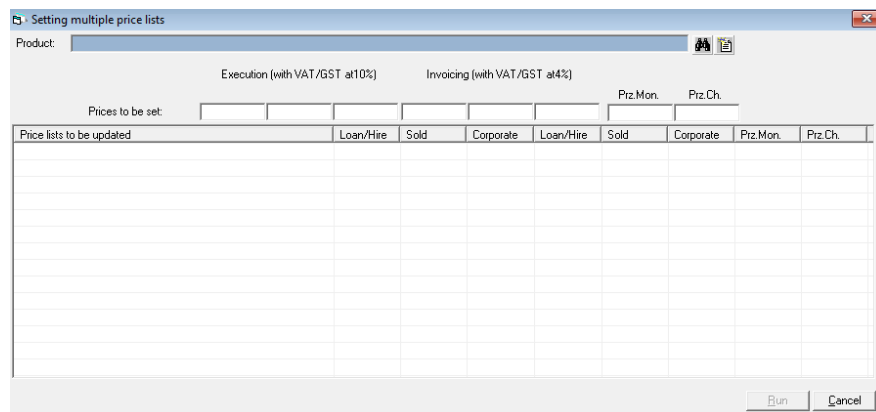


Pricelists multiple setting

The function Pricelists multiple setting, accessible from the Management menu of GD Admin, allows the variation and/or inserting of the prices of list for single product.

After having chosen the product of which you want to change and/or insert the prices, pressing Enter are visualized all the coded pricelists (and relative memorized prices if there are some) with the possibility of selecting those you want to update. At this point you will have to digit the new prices to memorize in the field relative at the columns which you want to update and press the button Execute to confirm the modification

N.B. if the digitated price is left empty the present value in the pricelists will not be varied, if you digit 0 or whatever other number the program will update the relative subject column.



CSV Data import

With the function of CSV data import, accessible from the Management menu of GD Admin, the GD users have the possibility of charging some registry data in the database of GD, importing them from GD external files.

The main reason of the implementing of this function is that of importing in the archive of the potential customers drawn from lists of names bought from companies of the sector (type Seat or similar) autonomously without the intervention of the assistance service, simply formatting them through Excel and saving them in CSV format.

This allows, in conjunction with the functionality of creation and management of the campaigns of marketing/communication of the GDCRM module, of using GD also for all the activities of pre-vending.

To complete and accelerate the phase of starting of the GD product by the new users who could dispose of data coming from pre-existing systems, has been added the possibility of charging with the same logic also standard customers, suppliers and products.

The CSV files have a format defined for every table which will be supplied to whom it asks.

The CSV file must have a first record where is written the registry to import (Suppliers, Products, Potential Customers, Customers), from the second record on must be present the real data, the characters both of the first record and of successive can be indifferently both capital and small (they always are trasformed in capital letters), the lenght of the field is not fundamental so as is cut off the datum on the base of the lenght destination in the GD Data Base.

After having created the Excel file with the data which you will import, before importing them it will be necessary to save the file in CSV format, to carry out this operation Open the Excel file, from the File menu select the heading Save with name, in the window Save with name on file Type select the CSV format and press Save.

On the Management menu of GD Admin open the heading **Import CSV data**, for opening the mask Registry creations. Selecting the CSV file to import in the field Data Origin, the gride below will be filled with all the records present in the CSV file and in the field Destination will be emphasized where such data will be inserted.

You can select the records to iport checking on the gride the wanted lines.

By pressing the button SHIFT and clicking with the mouse on the heading of the column Select, all the lines will be deselected, making the same operation but with the button CTRL pressed all the lines will be again selected:

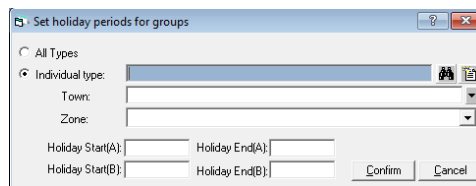
There is moreover the possibility of choosing if the selected records should be Ignored, Overwritten or Queueing in case on which in the destination table is found for the customers, the potential customers and the suppliers the company name already present, or, in case of products, the description.

In the case you choose of importing the records relative to customers, it will be asked if, for the names not present in registry, you want to create the primary site.

At the end of import will be asked if you want to print the records which have been inserted or have modified data in the destination table.

Holidays multiple setting

It multiple sets the holidays, accessible from the Management menu of GD Admin, allows to insert the holidays period in the customer site form at the same time on several customers on the base of the selected options. Type of dispenser, Municipality, Zone.



The dialog box 'Set holiday periods for groups' contains the following elements:

- Radio buttons for 'All Types' and 'Individual type:' (selected).
- A text input field for 'Town:'.
- A dropdown menu for 'Zone:'.
- Input fields for 'Holiday Start(A):' and 'Holiday End(A):'.
- Input fields for 'Holiday Start(B):' and 'Holiday End(B):'.
- 'Confirm' and 'Cancel' buttons at the bottom right.

Accessories multiple setting

From the Management menu of GD Admin it's possible to accede at the function Accessories multiple setting, with which is possible to enable an accessory at the same time at all the dispensers of a type or of all the types.

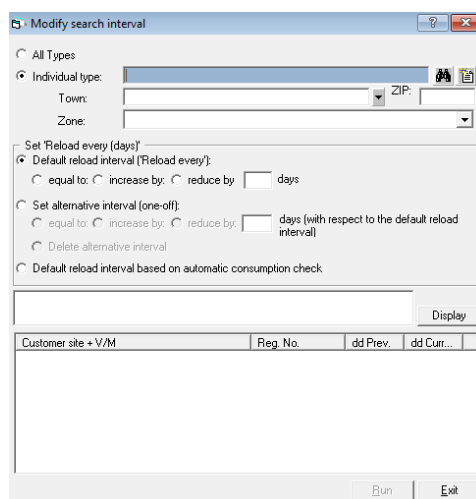


The dialog box 'Set accessories by type' contains the following elements:

- Radio buttons for 'All Types' and 'Individual type:' (selected).
- A text input field for 'Accessory:'.
- 'Confirm' and 'Cancel' buttons at the bottom right.

V/M Interval of reloading modification

This function, accessible from the Management menu of GD Admin, allows to modify on several dispensers the standard interval of reloading and/or setting an alternative interval, valid for the next visit only.



The dialog box 'Modify search interval' contains the following elements:

- Radio buttons for 'All Types' and 'Individual type:' (selected).
- A text input field for 'Town:' and a text input field for 'ZIP:'.
- A dropdown menu for 'Zone:'.
- Section 'Set 'Reload every (days)'' with sub-options:
 - 'Default reload interval ('Reload every')':
 - Radio buttons for 'equal to:', 'increase by:', and 'reduce by:'.
 - A text input field for 'days'.
 - 'Set alternative interval (one-off)':
 - Radio buttons for 'equal to:', 'increase by:', and 'reduce by:'.
 - A text input field for 'days (with respect to the default reload interval)'.
 - 'Delete alternative interval'.
 - 'Default reload interval based on automatic consumption check'.
- A 'Display' button.
- A table with columns: 'Customer site + V/M', 'Reg. No.', 'dd Prev.', and 'dd Curr...'.
- 'Run' and 'Exit' buttons at the bottom.

The dispensers can be selected for Type, Zone, Municipality, Postal code. Pressing Visualize, appears the list of selected dispensers with a column which visualizes the present interval and the other that will be set after having carried out the modification.

This function allows to:

- Vary the standard reloading interval (or that set in the dispenser form at the heading "reload every") setting it at a fixed value, or increasing or decreasing the interval already present.
- Set "the alternative interval (una tantum)" equal to a fixed value or as a variation negative or positive of the standard reloading interval.
- Eliminate the alternative interval where already inserted.
- Set the standard interval on the base of the value advised by the consumptions automatic control.

It's to take note that:

- If a dispenser has an alternative interval already set both the standard reload interval and the said interval can not be modified (these dispensers are excluded from the list and not suffer variations).
- The sites and the inactive dispensers are excluded.
- The setting of the alternative interval can be made only on sites not included in opened routes (reason why also these ones are excluded from the list).

Traceable records and specifications for CSV data import

(ver. 5.4)

The files must be of the text type DOS with record delimiter "CR LF" does not matter the name but must have and CSV extension
The first record must be fixed and identifies the table to import.
The other records must contain all the fields described separated by a semicolon.

Customer table and customer sites

The first record must contain: **Customers** (Fixed)

The following records must contain the following fields:

- 1) Accounting Code (mandatory and unambiguous)
field that acts as a key to decide insertion or overwrite
 - 2) Customer's corporate name and / or of the Customer site (mandatory)
 - 3) Customer VAT number
 - 4) Customer tax code
 - 5) Customer address is site
 - 6) Customer municipality is site
 - 7) Customer provincesite
 - code is8) Customer postal code is / or site
 - 9) telephone customer is site
 - 10) 2nd customer phone is site
 - 11) mobile customer is site
 - 12) 2nd mobile customer is site
 - 13) Customer fax is site
 - 14) Customer email
 - 15) Client notes
 - 16) Mode Payment of the customer
descriptive field, search / create in the relative table and connect to the customer, if left empty the default value is set.
 - 17) Customer site
area descriptive field, search / create in the relative table and link to the site, if left empty the default value is set.
 - 18) Customer site list
descriptive field, search / create in the relative table and link to the site, if left empty the default value is set.
 - 19) USL customer site
descriptive field, search / create in the relative table and link to the site, if left empty the default value is set.
 - 20) Website Customer Code (mandatory)
If you want to create only the customer the field must contain K0 (ignoring the site).
If you want to create with only one record both the customer and the site the field must be empty or set to KK.
If you have more than one site for the same customer, you must fill with "K" + the number of records (not counting the first record containing the name of the table) of the customer to which it refers (identifies that that is the line of the site only. NB the customer's record must be present and contain K0).
Alternatively, this field can also contain "K-" + the customer's account code (the customer must already have been created, so make sure that in the CSV file first there are all the customers and then the sites)
 - 21) Code of Considerations
valid only for customers, if not valued, it is set to 0 by default. Allowed values:
0 = Products delivered
1 = Total strokes
2 = Measures Gr. Coffee
3 = Beats gr. Water
4 = Delivery products
 - 22) Invoice flag
valid only for customers, if not evaluated by default it is set to 0 Values allowed:
0 = Administration
1 = Invoicing
 - 23) Reference person in the customer (valid only for the records that generate a customer ['Customer Code Site' = K0, KK])
 - 24) Contact person on the site (valid only for records that generate a customer site ['Site Client Code' = KK, K + num. Rec.])
 - 25) Date customer contract stipulation
 - 26) Customer contract number
-

Potential customers table

The first record must contain: **potential customers** (Fixed)

The following records must contain the following fields:

- 1) Company name customer pot. (univocal mandatory)
field that acts as a key to decide on the insertion or overwriting
 - 2) VAT number customer pot.
 - 3) Pot customer tax code
 - 4) Pot. Customer address
 - 5) Common customer pot.
 - 6) Customer province pot initials
 - 7) CAP customer code
 - 8) telephone customer pot.
 - 9) 2nd customer phone pot.
 - 10) mobile customer pot.
 - 11) 2nd mobile customer pot.
 - 12) Fax customer pot.
 - 13) Email client pot.
 - 14) Customer notes pot.
-

Suppliers table

The first record must contain: **suppliers** (Fixed)

The following records must contain the following fields:

- 1) Accounting Code (mandatory and unambiguous)
field that acts as a key for deciding insert or overwrite
 - 2) Company name provider (required)
 - 3) VAT provider
 - 4) tax Code vendor
 - 5) Supplier Address
 - 6) Municipality offerer
 - 7) province Code provider
 - 8) CAP supplier
 - 9) phone provider
 - 10) Fax provider
 - 11) Email supplier
 - 12) Supplier notes
 - 13) Address of the registered office of the supplier
 - 14) Common registered office of the supplier
 - 15) Code of the registered office of the supplier
 - 16) Postal code registered office
 - 17) Telephone registered office supplier
 - 18) Fax registered office supplier
 - 19) Flag Type (0 = Manufacturer / 1 = Dealer)
-

Product table

The first record must contain: **Products** (Fixed)

The following records must contain the following fields :

- 1) Accounting Code (mandatory and univocal)
field that acts as a key to decide insertion or overwriting
 - 2) Product description (mandatory)
 - 3) Unit of measurement (mandatory)
 - 4) VAT Rate
If empty or absent in the code table VAT is set a default value
 - 5) Short product description
 - 6) Bar code
 - 7) Number of pieces for each package
 - 8) Standard cost of the product
 - 9) Product family
descriptive field, search / create in the relative table and link to the product, if left empty set the default value.
 - 10) Category Statistic
description field, search / create in the relative table and link to the product, if left empty is ignored.
 - 11) Unit weight of the product
 - 12) Grouping character for the sorting of the research (group)
 - 13) flag Spare product
 - 14) flag Product main replacement
 - 15) flag External spare part product
 - 16) flag Product workshop spare part
 - 17) Replacement serial number
-

Table of types of dispensers

The first record must contain: **types of dispensers** (Fixed)

The following records must contain the following fields:

- 1) Model (univocal mandatory)
field that acts as a key to decide the insert or overwrite
 - 2) Mark (mandatory)
description field, search / create in the relative table and link the result to the type.
 - 3) Scheduled daily
beats 4) dispensers typology flag without counting strokes allowed values: 0 = stroke counting present 1 = no stroke counting
 - 5) coin changer flag, set to 1 if we are talking about type change
 - 6) Standard charging time in minutes
 - 7) dispenser Family 1
descriptive field, search / create in the relative table and link to the product, if left empty is ignored.
 - 8) dispenser Family 2
descriptive field, search / create in the relative table and link to the product, if left empty is ignored.
 - 9) dispenser Family 3
description field, search / create in the relative table and link to the product, if left empty is ignored.
 - 10) Scheduled maintenance action 1
descriptive field, search / create in the relative table and link to the product, if left empty is ignored.
 - 11) Number of scheduled maintenance stops 1
 - 12) Scheduled maintenance action 2
descriptive field, search / create in the relative table and connect to the product, if left empty is ignored.
 - 13) Number of scheduled maintenance stops 2
 - 14) Scheduled maintenance action 3
descriptive field, search / create in the relative table and connect to the product, if left empty is ignored.
 - 15) Number of scheduled maintenance stops 3
 - 16) Scheduled maintenance action 4
descriptive field, search / create in the relative table and connect to the product, if left empty is ignored.
 - 17) Number of scheduled maintenance stops 4
 - 18) Scheduled maintenance action 5
descriptive field, search / create in the relative table and connect to the product, if left empty is ignored.
 - 19) Number of programmed maintenance days 5
 - 20) Scheduled maintenance action 6
descriptive field, search / create in the relative table and connect to the product, if left empty is ignored.
 - 21) Number of programmed maintenance days 6
 - 22) Maximum heading of managed products (ASL)
field of 3 characters, each position corresponds to a wording: pos.1 = warm pos.2 = Cold pos.3 = Solids
 - 23) WizTipoDA set empty
 - 24) Prefix for car registration number, maximum length 8 characters
 - 25) Numerical suffix for car registration number, values allowed from 01 to 40
-

dispensers Table

The first record must contain: **dispensers** (Fixed)

The following records must contain the following fields:

- 1) Identifier (univocal mandatory)
field that acts as a key to decide the insertion or overwriting
in case of lack of unique V/M identifier it is possible for all records to insert in this field the fixed string '* AUTO *' to perform auto registration, this function can only be used if in the date based on GD, all the typologies included in the import file are present and in the typologies the data for the creation of the automatic serial number are entered exactly.
- 2) dispenser mark (mandatory)
descriptive field search / create the relative table and automatically link it to the type of dispenser.
- 3) type of dispenser (mandatory)
descriptive field search / create the relative table and automatically link it to the dispenser.
- 4) manufacturer serial number
- 5) dispenser accounting code
- 6) dispenser location
- 7) 1st installed payment system
descriptive field search / create the payment system table and connect it to the dispenser.
- 8) ECS 1
Unique identification code of the payment system 1 °
- 9) 2nd payment system installed
descriptive field search / create the table of the payment system and connect it to the dispenser.
- 10) ECS 2
Unique identification code of the payment system 2 °
- 11) 3rd payment system installed
descriptive field search / create the table of the payment system and connect it to the dispenser.
- 12) ECS 3
Unique identification code of the payment system 3 °
- 13) Change-Over Flag
If set to 1 it indicates that the vending machine has installed a return device.
- 14) Id battery
Connection code between dispensers of the same battery
- 15) dispenser purchase date
if set is used to create the history.
- 16) Installation date
If set, the installation site is searched for through the 'Account Code Site' field n. 29 below which must correspond to the 'Accounting Code' field (field 1 of the Customer and Site Client table described above), if these two conditions are met, the V/M is set as installed or sold based on the 'property flag' field n.30 below, in the site found and the history is created (we recommend, if foreseen, to first import the customer / site customer table).
If the date is not set or incorrect, all operation is skipped.
- 17) payment Code
If empty is set by default = 0 Allowed values:
0 = Products delivered
1 = Total strokes
2 = Bars Gr. Coffee
3 = Beats gr. Water
4 = Delivery products
- 18) Invoice flag
If empty is set by default = 0 Allowed values:
0 = Administration
1 = Billing
- 19) VAT Code
If empty is set by default = 0 Allowed values:
0 = Standard billing rate
-1 = Rate based on products
NB If flag Invoice = 0 Vat code must be = 0
- 20) Standard recharge interval
It is the number of days that elapse between a delivery of products and the next one.
- 21) Standard interval functional verification
It is the number of days that elapse between a verification / maintenance and the following one.
- 22) accessory 1
Description field, if set to search / automatically create the accessories table and connect the accessory to V/M
- 23) accessory 2
Descriptive field, if set to search / automatically create the table of accessories and connect the accessory to V/M
- 24) accessory 3

- Descriptive field, if set to search / automatically create the accessories table and connect the accessory to V/M
- 25) accessory 4
Descriptive field, if set to search / automatically create the table of accessories and connect the accessory to V/M
- 26) accessory 5
Descriptive field, if set to search / automatically create the accessories table and connect the accessory to V/M
- 27) accessory 6
Descriptive field, if set to search / automatically create the table of accessories and connect the 'accessory to V/M
- 28) TotalGeneral
BeatsNumber of dispenser total strokes
- 29) Website Accounting Code
Together with the field 'Installation date' (field 16) and 'Property flag' (field 30) it is used for specify on which site the dispenser is installed / soldflags
- 30) Ownership
Together with the field 'Installation date' (field 16) and 'Accounting code Website' (field 29) it is used to indicate if the dispenser is installed or sold.
- 31) Number of sales point
is managed only if at the time of import, in the general settings, the management of the sales points is active, it is a progressive numeric field and there must not be duplicates, if left at 0 an automatic coding will be performed and the operating principle is the same as that described in the 'Installation date' field (field 16) for the creation of the installation / sales history of the V/M described above.
NB if the Point of Sale number indicated in the csv file already exists in the database (double in the import file or automatically coded in the absence of indication on the file) this number will be ignored and the automatic coding will be assigned.
- 32) Point of Sale Operator
descriptive field, search / create in the relative table and connect the operator to the point of sale, if left empty is ignored.
- 33) Technical Point of Sale
descriptive field, search / create in the relative table and connect the technician to the point of sale, if left empty is ignored.
- 34) dispenser bar code
- 35) dispenser flag devoid of stroke counting allowed values: 0 = stroke counting present 1 = no stroke counting
-

Listini table

The first record must contain: price lists (Fixed)

The following records must contain the following fields:

- 1) Price list description (univocal mandatory)
field that acts as a key to decide on insertion or overwriting
 - 2) Product accounting code (mandatory)
It is mandatory that this code exists in the database at time of import otherwise all the underlying data is ignored.
 - 3) Billing type (mandatory)
Accepted values: S = administration price F = invoicing price
 - 4) Price type (mandatory)
Accepted values: N = Rental / Loan A = Company V = Sold
 - 5) Sale price including VAT (mandatory)
-

Connection table between products and suppliers

The first record must contain: **prodottixfornitori** (Fisso)

The following records must contain the following fields:

- 1) Product accounting code (mandatory)
- 2) Vendor accounting code (mandatory)

It is mandatory that the codes entered in these first two fields are present in the database at the time of import, otherwise the record will be ignored.

- 3) Preferred supplier flag
- 4) Code with which the supplier manages the product
- 5) Number of pieces per minimum purchase unit
- 6) Cost price of the single product
- 7) Cost price of the single purchase unit
- 8) Number of platform pieces
- 9) % Sc1
- 10)% Sc2
- 11)% Sc3

GD Eco / Fin Data Management

Introduction

In GD are called Eco / Fin or Eco / Fin / BI data, all those Economic, Financial or BI analysis values, which are not directly available from the common GD operations or which may come from different sources from GD itself (through the design and implementation of specific connection procedures), data that, ultimately, although not covered by the information commonly managed by GD, can be decisive for the purposes of analyzing corporate dynamics

We could think, for example, of the incidence both economic (revenues and costs) and financial (income and expenses), items such as: personnel costs, the amortization of the purchase of dispensers, telephone expenses, expenses or commercial revenues generally understood etc.

The Eco / Fin data can be attributed through the special motion management function provided by this module, which can be retrieved from the GD BI menu, but also in GD Admin, in order to allow its use also by administrative staff, not necessarily managers.

The Eco / Fin data can also be attributed in past or future periods, in order to allow simulations of performance and trends that can be analyzed in GD BI.

Purpose

The Eco / Fin Data Management module provides the economic and financial data management functions that range from the insertion of a single item through the 'Movement Management' function to the definition of a complex data structure to be used as the basis for generating the economic and financial data through 'Macro Structures' and 'Structures'.

This module integrates with the module **GD BI** and allows defining a Eco / Fin movement distribution rule for each Eco / Fin Center which allows the movement value to be associated with Customers, Sites, dispensers, Operators, Vans.

Menu

File Menu

The File menu contains the following items:

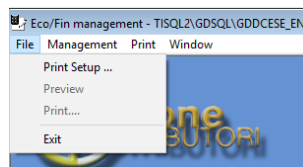


Figure 1

Print Setup ...: selecting this item opens the window that allows you to choose the desired printer.

Preview: allows you to view a print preview.

Print ...: by selecting this item the window that allows you to send the currently open print to the printer appears.

Exit: End the program.

Management Menu

This menu contains the items that allow access to the management functions (entry / modification / cancellation) of all the entities necessary for the correct management of the Eco / Fin Data.

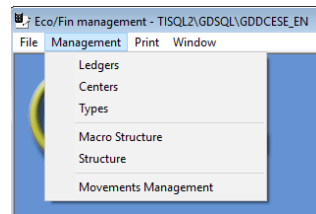


Figure 2

In particular:

The 'Masters' item allows you to manage the Masters with which it is possible to group several Eco / Fin Centers.

An example of Mastro is' set of "Costs for services", which groups together Cost Centers such as for example "Telephone charges".

The possibility of specifying an "Accounting Code" allows the individual Master to be linked to an accounting structure managed by an eventual accounting / administrative procedure, or to bring the Master back to a specific grouping of a company budget.

The same opportunity is available at the 'Center' and 'Typology' level.

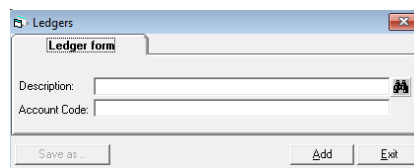


Figure 3

The Voice 'Centers' allows you to manage the Eco / Fin Centers.

The 'Types' item allows you to manage the Eco / Fin types.

The 'Macro Structure' item allows you to manage the Macro Structures

The 'Structure' item allows you to manage the Structures

The 'Movement Management' item allows you to manage the Eco / Fin

Menu movements. Print

Contains the item from which it is possible to print the complete list of Master, Eco / Fin Centers, the Types of Eco / Fin movements, Macro Structures and Structures. Furthermore, through the item 'Revenue Costs Summary' it is possible to perform a Cost and Revenue analysis.

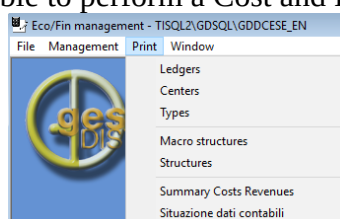


Figure 4

Centers

In order to make the application of the Eco / Fin values consistent with the information deriving from GD, it is necessary to define the analytical centers (cost and revenue) to which the Eco / Fin data refer and the rules of application of these values on dispensers, or on those that are in the vending centers of cost and basic revenue

Accessing the item Centers of the Management Menu, a tab is proposed in which to report the characteristics of the analytical center to be created

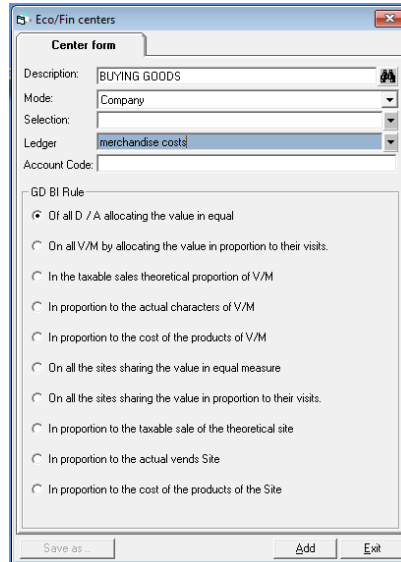


Figure 5

Description: description, name of the Eco / Fin

mode: mode for assigning Eco / Fin values to the center. In particular they can relate to: the entire Company or the only ones: GD Operators, GD Vans, GD dispensers, GD dispenser types, GD Customer Sites. If a particular category other than the generic company is specified, a possible single operator, van, dispenser, etc. will subsequently be requested. to which to assign the Eco / Finvalues

Selection: single operator, van, dispenser etc. to which to assign the Eco / Finvalues

Rule GD BI: this selection is enabled if you have the GD BI (Business Intelligence) module of GD and specific mathematical mode of assignment (distribution) of the Eco / Fin values in the BI module. The basic rule is generally the distribution of the values on the dispensers, but it is convenient to start again at the site level for all the economic values that do not necessarily have to be available at the dispenser level. This care will significantly reduce the processing time of the BI data (any additional rules will be added as required).

The methods of assignment in proportion to the values of visits made, theoretical sales, actual measures and product costs are applied only to previous and available data in GD dispenser Management

Exclude Delivery / Direct Sales Movements: this option allows you to exclude direct delivery / sales movements from the calculation of the theoretical sale, actual prices and product costs.

ATTENTION: the application of the assignment methods on the basis of visits made, theoretical sales, actual stops and product costs, can lengthen the processing time necessary for the preparation of BI data. In these cases it is advisable to program automatic data processing at times other than the working time (see GD BI Admin 'Automatic Execution'), not using the 'Regenerate BI data' option available in the 'Tools' menu of the GD BI module Client.

The following are the GD BI Rules available for each Selection:

❖ **Company**

- On all V/M, sharing the value in equal measure
- On all V/M, dividing the value in proportion to the theoretical sale of the V/M
- On all V/M dividing the value in proportion to the actual bars of the V/M
- On all the V/M, dividing the value in proportion to the cost of the products of the V/M
- On all the V/M dividing the value In proportion to the visits made.
- On all the Sites, dividing the value in equal measure
- On all the Sites, dividing the value in proportion to the theoretical sale of the Site
- On all the Sites, dividing the value in proportion to the actual bars of the Site
- On all the Sites, dividing the value in proportion to the cost of the products of the Site
- On all the Sites, dividing the value in proportion to the visits made

❖ **Operators**

- On all the V/M dividing the value in equal measure
- On all the V/M, dividing the value in proportion to the theoretical sale of the V/M
- On all the V/M dividing the value in proportion to the actual bars of the V/M.
- On all the V/M dividing the value in proportion to the cost of the V/M products.
- Select the V/M visited by this operator and divide the value based on the number of visits
- On all the Sites, dividing the value in equal measure
- On all the Sites, dividing the value in proportion to the theoretical taxable sale of the Site
- On all the Sites, sharing the value in proportion to the actual beats of the Site
- On all the Sites dividing the value in proportion to the cost of the products of the Site
- Select the Sites visited by this operator and divide the value based on the number of visits

❖ **Vans**

- On all V/M dividing the value in equal measure
- On all V/M dividing the value in proportion to the taxable theoretical sale of the V/M
- On all the V/M dividing the value in proportion to the actual bars of the V/M
- On all the V/M dividing the value in proportion to the cost of the V/M products
- Select the V/M visited by this van and divide the value based on the number of visits
- On all the Sites dividing the value in equal measure
- On all the Sites dividing the value in proportion to the theoretical taxable sale of the Site
- On all the Sites dividing the value in proportion to the actual bars of the Site
- On all the Sites, dividing the value in proportion to the cost of the products on the Site
- Select the Sites visited by this van and share the value based on the number of visits

❖ **dispensers**

- On V/M indicated

❖ **Customers**

- On all V/M of this customer, dividing the amount equally if they are on a single site, or based on the number of visits made to the sites
- On all V/M of this client by dividing the amount in proportion to the taxable theoretical sale of the V/M
- On all the V/M of this client by dividing the amount in proportion to the actual bars of the V/M

- On all the V/M of this customer allocating the amount in proportion to the cost of the products of the V/M
- On all sites of this customer based on the number of visits made (assigns the entire amount if a single site)
- On all sites of this customer in proportion to the taxable theoretical sale of the Site
- On all sites of this client in proportion to the actual beats of the site
- on all sites of this customer in proportion to the cost of the products of the site

❖ **typologies**

- on all the V/M of this type sharing the value in equal measure
- On all the V/M of this t hypology by dividing the value in proportion to the theoretical sale of the V/M
- on all the V/M of this type, dividing the value in proportion to the actual bars of the V/M
- on all the V/M of this type, distributing the value in proportion at the cost of the products of the V/M

❖ **Siti**

- On all the V/M of the site dividing the value in equal measure
- On all the V/M of the site dividing the value in proportion to the taxable theoretical sale of the V/M
- On all the V/M of the site by distributing the value in proportion to the actual beats of the V/M.
- On all the V/M of the site, dividing the value in proportion to the cost of the V/M products.
- Assign the value to the site

Typologies

Given the possible complexity in the imputation of data basic analytical or Eco / Fin lines of movements, just think of the registration of annual salaries on a monthly basis that requires at least 12 economic entries (monthly costs) and 14 financial, all consistent by amount and application, is available in GD is a useful function for the automatic generation of these movements based on specific rules called **Eco / Fin typologies**, which can be defined by choosing the relative menu item, to the choice of which the following screen will appear (example above salaries)

The rules will then be applicable at the head office for generating Eco / Fin transactions

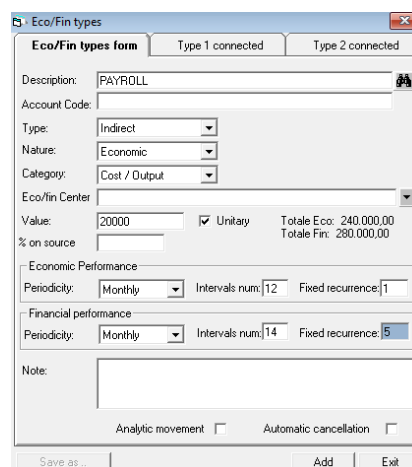


Figure 6

Description: type designation, Eco / Finmovement generation rule

Type: description of the type of application of the values at the eco / fin center (cost center or revenue). It can be Indirect, ie not directly linked to the echo / fin center or Direct, directly related to the eco / fin center

Nature: type of movement that identifies in which analytical context of GD BI the values of the Eco / Fin movements generated will be applied: Economic, Financial, Commercial, Operational, Technical, Quality

Category: description of the sign of economic / financial operation assigned to the value: Cost / Exit (subtraction), Revenue / Entry (addition)

Eco / Fin Center: possible Eco / Fin center to be charged directly the Value

value: any standard value to be attributed to the application of the type in Eco / Fin movements management. The value can in any case be modified during the generation of the Eco / Fin movements or left at zero and then entered during the Eco / Fin movements generation phase

Unit: an indicator that defines the value as a unit with respect to the number of subsequent application periods. The total value for the entire period of application will be shown to the right of the indicator

% origin: percentage number to be applied to the value of a possible origin rule or when the rule we are creating is applied as a connected type of another origin

Al in order to facilitate the creation of rules in which, however, it is necessary to generate both economic movements (revenues, costs, sales, purchases, etc.) and financial movements (income, expenses, collections, payments, etc.), the trends can be defined in a single solution over time the distribution of both economic and financial values Economic

trend and Financial trend:

Frequency: definition of how the value is divided over time by defining the type of periodicity, (daily, weekly, monthly, yearly), the number of allocations (Num. periods) and a possible day of the fixed month (Fixed)

occurrenceIn the example (Figure 6) the value of 280.000,00 will be divided into 12 economic movements at the 1st of each month and 14 financial at the 10th of each month (in total 26 Eco / Fin movements) for an amount of 20,000.00 per movement

Note: any descriptive note

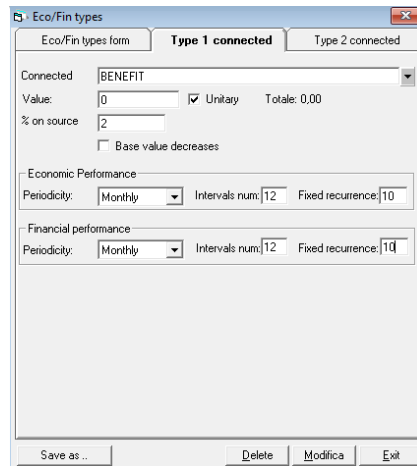
Analytical movement: if selected the movements generated will be applied to the diagrams of GD BI, otherwise the movements will be useful only as a schedule annotation

Automatic cancellation: if selected the values of the movements generated, even if indicated as analytical, will not be automatically applied to the GD BI diagrams in subsequent times to the validity of the Eco / Fin movements themselves, allowing you not to overlap any simulated data for the future with those actually available from GD or other administrative, accounting sources etc. once the future periods are the current ones

For example, by simulating the salary movements for the year following the current one, including those for the month of January, and assuming that they were generated as of January 10th, these will no longer come considered in the analyzes of GD BI once the date of 11 January is reached, or once the times have actually passed, assuming that these simulated data are replaced by those actually matured

Tip. Linked 1 & 2:

It is possible to define up to two types connected to a first principal or origin, rules that will be automatically applied to the use of the first and which in turn will generate additional Eco / Fin / BI movements related to this



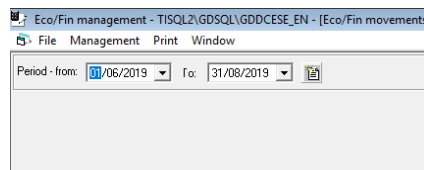
The 'Eco/Fin types' form is shown with the 'Type 1 connected' tab selected. The 'Connected' dropdown is set to 'BENEFIT'. The 'Value' field is 0, and the 'Unitary' checkbox is checked. The 'Total' is 0.00. The '% on source' field is 2. The 'Base value decreases' checkbox is unchecked. The 'Economic Performance' section has 'Periodicity' set to 'Monthly', 'Intervals num' set to 12, and 'Fixed recurrence' set to 10. The 'Financial performance' section has 'Periodicity' set to 'Monthly', 'Intervals num' set to 12, and 'Fixed recurrence' set to 10. At the bottom are buttons for 'Save as ..', 'Delete', 'Modifica', and 'Exit'.

Figure 7

Returning to the example in Figure 6 and Figure 7, this shows the generation of 12 economic and 12 financial movements whose value will be 2% of that of the basic rule or origin type, or altogether 24 movements from 833.33 (2% of 500,000.00 = 10,000.00 / 12 = 833.33).

Movements Management

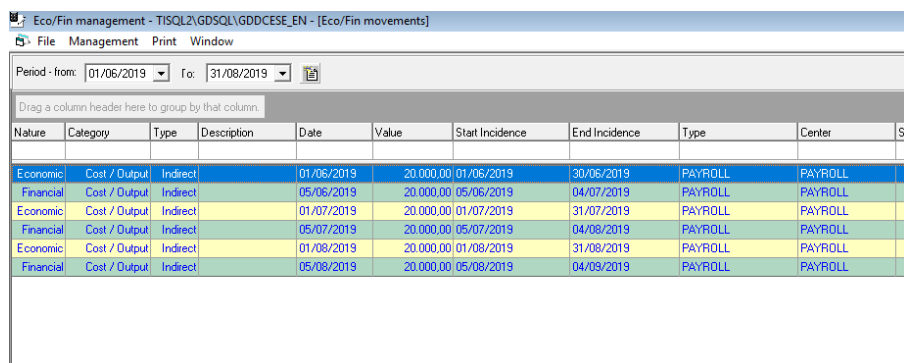
This feature allows you to generate and manage (modify, delete) the Eco / Fin transactions. Selecting the menu item, a first selection screen is available for selecting the period for displaying the movements in the archive.



The 'Eco/Fin management' window shows the 'Period - from' field set to 01/06/2019 and the 'To' field set to 31/08/2019. There is a button with a magnifying glass icon next to the 'To' field.

Figure 8

Once the period has been selected, using the 'Open' button you will access the screen (grid) for managing movements.



The grid displays a list of movements. The columns are: Nature, Category, Type, Description, Date, Value, Start Incidence, End Incidence, Type, Center, and Se. The data is as follows:

Nature	Category	Type	Description	Date	Value	Start Incidence	End Incidence	Type	Center	Se
Economic	Cost / Output	Indirect		01/06/2019	20.000,00	01/06/2019	30/06/2019	PAYROLL	PAYROLL	
Financial	Cost / Output	Indirect		05/06/2019	20.000,00	05/06/2019	04/07/2019	PAYROLL	PAYROLL	
Economic	Cost / Output	Indirect		01/07/2019	20.000,00	01/07/2019	31/07/2019	PAYROLL	PAYROLL	
Financial	Cost / Output	Indirect		05/07/2019	20.000,00	05/07/2019	04/08/2019	PAYROLL	PAYROLL	
Economic	Cost / Output	Indirect		01/08/2019	20.000,00	01/08/2019	31/08/2019	PAYROLL	PAYROLL	
Financial	Cost / Output	Indirect		05/08/2019	20.000,00	05/08/2019	04/09/2019	PAYROLL	PAYROLL	

Figure 9

Operating on grid, any existing lines can be grouped in order to facilitate their reading.

Positioning on the blank line and pressing the 'New' button or typing a double click of the left mouse button, you access the application screen of the types / rules of generation of the Eco / Fin movements

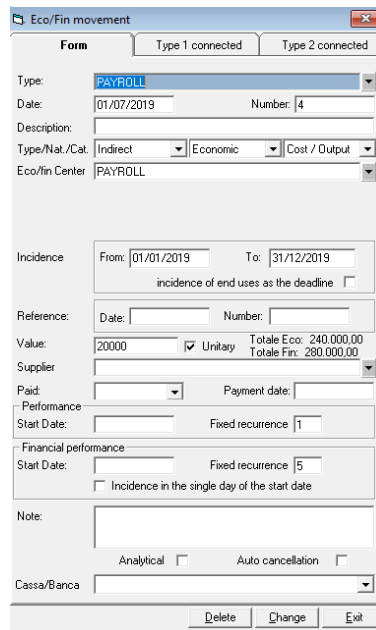


Figure 10

The screen is similar to that of the Eco / Fin data types and should be similarly managed by selecting in '**Type:**' the rule to be used for the generation of Eco / Fin / BI movements

In similar fields are proposed the values foreseen in the chosen typology, values that can be generally modified.

There are however specific fields of c characterization of the movements being created useful for the subsequent use of the generated data:

Date: date assigned to the generation movement that will be common to all the movements generated

Number: progressive number assigned to the generation movement that will be common to all the movements generated

Description: specific description of the movements generated

Incidence: period in which the values generated for the analytical purposes of GD BI will take effect

Reference: possible number and date of a reference document

Supplier: reference to a specific supplier

Paid: as mentioned the Eco / Fin movements can be used also for purposes related to the management of payment deadlines. To this end it is possible to generate transactions to be paid or paid, noting the status of the payment and the related date (Payment Date)

Economic and financial movement:

Departure date: the actual departure date of the movement generation must be indicated.

Economic and financial movements can have different time dynamics.

By pressing the 'button**Add**'the Eco / Fin movements are generated.

Eco/Fin management - TISQL2\GDSQL\GDDCESE_EN - [Eco/Fin movements]

File Management Print Window

Period - from: 01/06/2019 To: 31/08/2019

Category / Type / Center / Nature /

Nature /	Category /	Type	Description	Date	Value	Start Incidence	End Incidence	Type /	Center /
Cost / Output									
PAYROLL									
Economic									
Economic	Cost / Output	Indirect		01/07/2019	20.000,00	01/07/2019	31/07/2019	PAYROLL	PAYROLL
Economic	Cost / Output	Indirect		01/08/2019	20.000,00	01/08/2019	31/08/2019	PAYROLL	PAYROLL
Economic	Cost / Output	Indirect		01/06/2019	20.000,00	01/06/2019	30/06/2019	PAYROLL	PAYROLL
Financial									

Figure 11

By operating on the grid you can select a single line (single movement) and pressing the 'button **Edit**' or with a double click of the left mouse button, you can modify or delete a single Eco / Fin movement (line) or all movements generated on the same occasion (same reference number for the movement).

This possibility is offered by answering the specific question proposed on the screen.

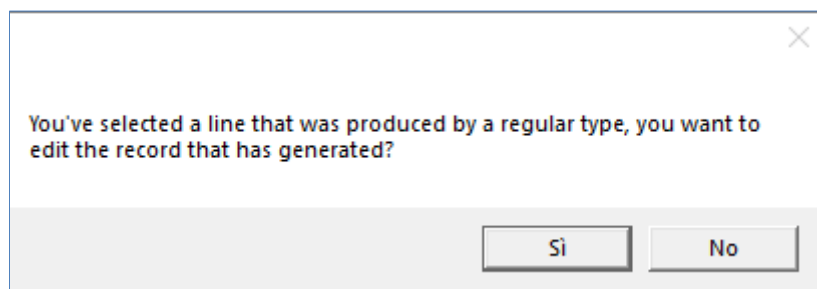


Figure 12

Remember that the Eco / Fin data thus generated will take effect only after updating the analytical database (cube), or once the BI data has been regenerated (see the GD BI Client manual) or following the similar planned functionality at the server management level BI (see GD BI Server manual)

The screenshots described so far also feature data printing via i 'buttons **Print**' available gradually.

Macro Structure

A Macro Structure is a set of economic and / or financial 'Items' in which it is possible to specify a Center and a Type. Through the macro structure it is possible to code, for example, all the items that make up the economic balance of the company. Once the macro structure has been defined, it is possible to use it as a guide for the coding of the annual financial statements within GD or to define a structure and allocate the amounts of an annual balance sheet for a given year or period.

Cod. Contabile	Description	Ledger	Center Eco/Fin	Tipo Selezione	Descrizione Selezione	Category Type Eco / Fin	Type Eco / Fin	Note
A1	SALES	SALES	GOODS SALES				SALES	

Figure 13

The functions made available by the macro structures management screen are listed below:

1. **Open:** the Open button allows you to load an existing Macro Structure identified by the Search function of the Description field or to enable the insertion functions for the creation of a new macro structure if the Description field is empty or a new description is inserted.
2. **Exit:** the exit key closes the Macro Structure management screen.
3. **Print:** the print button displays a print preview of the current Macro Structure.
4. **Delete:** allows you to permanently delete the current macro structure from the management.
5. **Edit / Add:** The Edit button (Add if you are entering a new Macro Structure) allows you to record the changes made to the current macro structure.
6. **Save as ..:** this button allows you to create a copy of the current macro structure or save any changes to a new macro structure without affecting the previous one.

Inserting a Voice

To add a new Voice to the macro structure, place the mouse on the empty grid line and, by double-clicking the left button, open the Entry entry mask (see Figure 14).

Figure 14

The compilation of the entry form of the new entry is facilitated by some automatic filling functions, for example: selecting as first data an Eco / Fin Center, the Description, the Accounting Code and the Master with the corresponding values are automatically filled in. of the center, the user can subsequently modify these fields if requested.

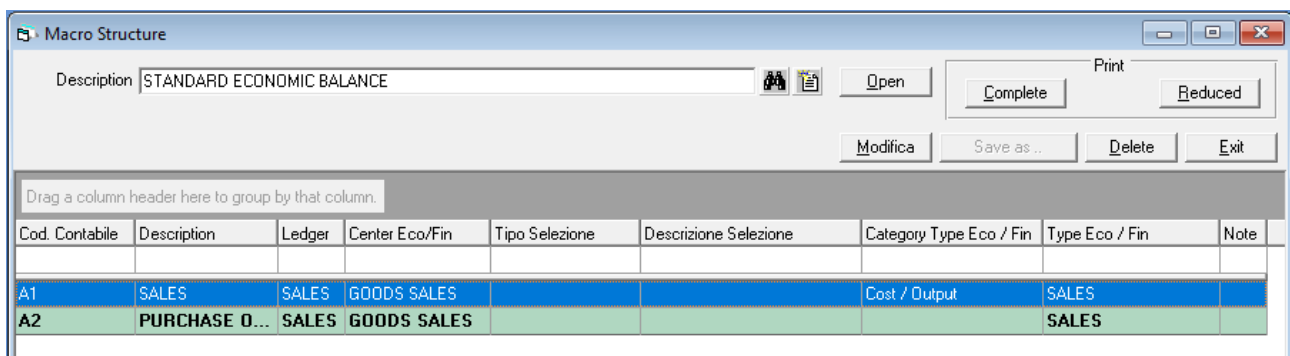
Furthermore, if one wishes to list all the centers associated with a specific Master, it is sufficient to first select the master in the appropriate box and then click on the search button of the eco / fin center, if only one center is associated with the master, he will be automatically selected otherwise he will

be displayed a list that allows you to choose between all the Centers associated with the Master chosen.

Pressing the Add button confirms the operations performed and the new entry is inserted in the grid of the macro structure mask.

All the insertion operations on a macrostructure are not recorded until the Edit or Save As function of the mask itself is used. To highlight the fact that an operation has not been confirmed, the modified item will be highlighted with different colors based on the function used on it:

1. A Voice that must be **added** to the macro structure will be highlighted in **Black Bold** in the grid
2. An existing macro structure entry that must be **modified** will be highlighted **blue** in the grid.
3. An entry that must be **removed** from a macro structure will be highlighted in **red** in the grid.

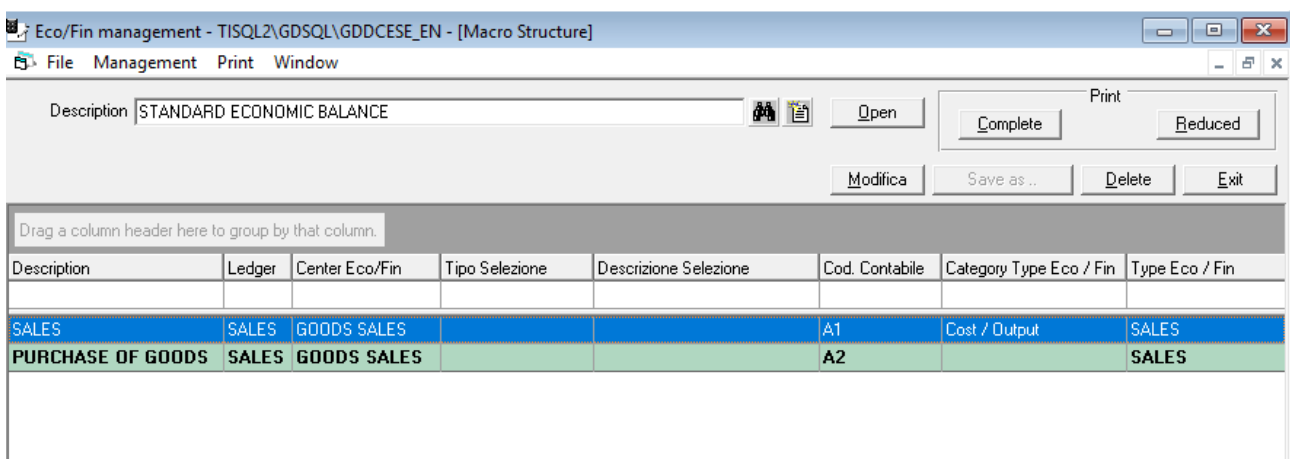


Cod. Contabile	Description	Ledger	Center Eco/Fin	Tipo Selezione	Descrizione Selezione	Category Type Eco / Fin	Type Eco / Fin	Note
A1	SALES	SALES	GOODS SALES			Cost / Output	SALES	
A2	PURCHASE OF GOODS	SALES	GOODS SALES				SALES	

Figure 15

Modifying a Voice

To modify an entry in the Macro Structure, position the mouse on the row of the grid corresponding to the desired item (Figure 16) and, with the double click of the left button, open the item modification mask (Figure 17)



Description	Ledger	Center Eco/Fin	Tipo Selezione	Descrizione Selezione	Cod. Contabile	Category Type Eco / Fin	Type Eco / Fin
SALES	SALES	GOODS SALES			A1	Cost / Output	SALES
PURCHASE OF GOODS	SALES	GOODS SALES			A2		SALES

Figure 16

Pressing the Modify button confirm the operations performed

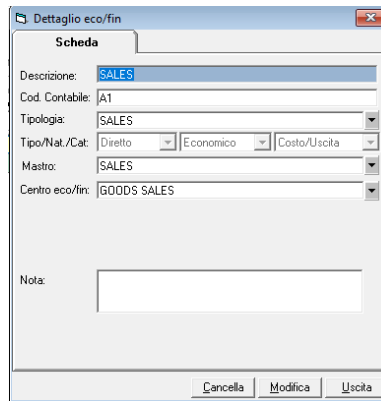


Figure 17

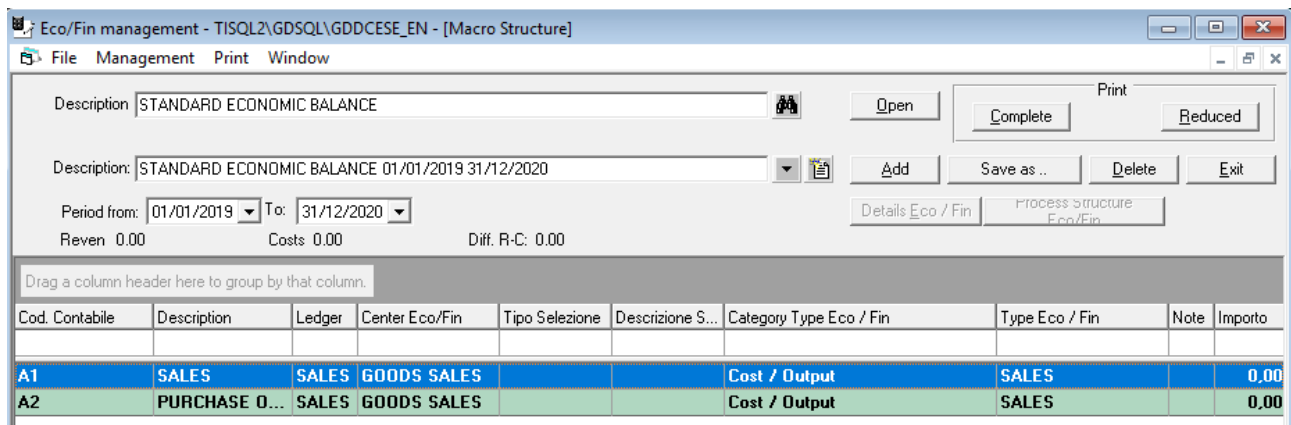
All modification operations on a macrostructure are not recorded until you use the Edit or Save As function of the mask itself. To highlight the fact that an operation has not been confirmed, the modified item will be highlighted with different colors based on the function used on it:

1. An item of the macro structure to be modified will be highlighted Light blue in the grid
2. An item that must be deleted from a macro structure will be highlighted in Red in the grid

Structure

A structure is generated from a Macro Structure that can be searched using the appropriate search box in the Structures management screen (see Figure 18).

Once the starting Macro Structure has been chosen, it is possible to specify a time period and an amount for each item. For example it is possible to enter the values derived from an economic balance, for a specific period.



Cod. Contabile	Description	Ledger	Center Eco/Fin	Tipo Selezione	Descrizione S...	Category Type Eco / Fin	Type Eco / Fin	Note	Importo
A1	SALES	SALES	GOODS SALES			Cost / Output	SALES		0.00
A2	PURCHASE 0...	SALES	GOODS SALES			Cost / Output	SALES		0.00

Figure 18

The Structure management screen has all the functions for inserting, modifying and deleting the Macro Structure; moreover, in the modification / insertion mask of an Item it is possible to specify an amount:

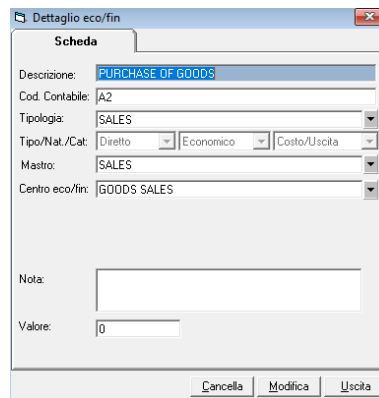


Figure 19

Generating Eco / Fin Movements from a Structure

From the mask of Structure management it is possible to generate the corresponding Eco / Fin transactions.

The 'Process Eco / Fin Structure' button allows you to generate the Eco / Fin transactions for all the items in the structure to which a value has been attributed.

In addition, the 'Eco / Fin Detail' button allows you to view the Eco / Fin movement corresponding to the selected item; from the 'Movement Eco / Fin' tab displayed it will be possible to modify the single movement without being forced to process the entire structure.

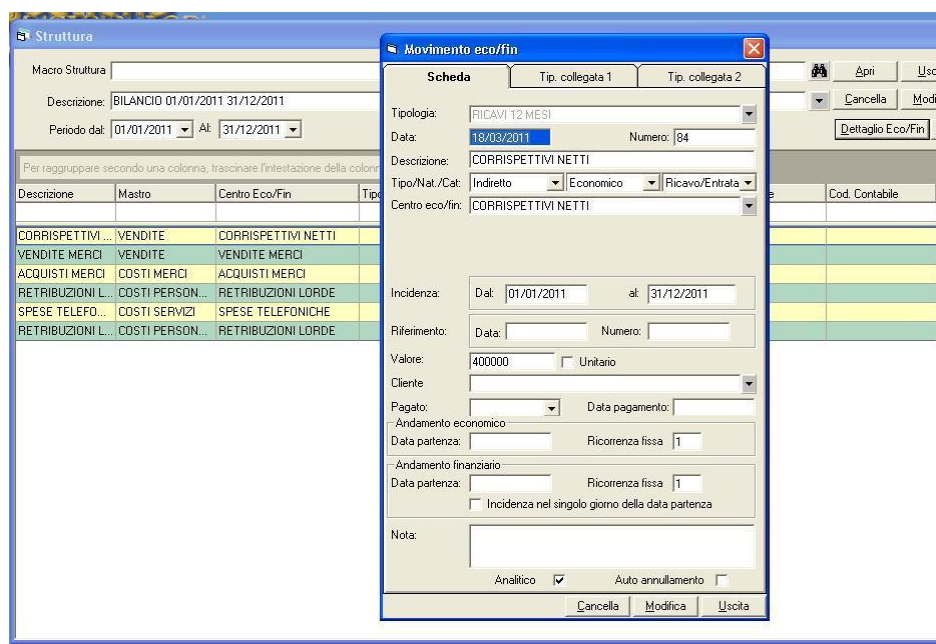
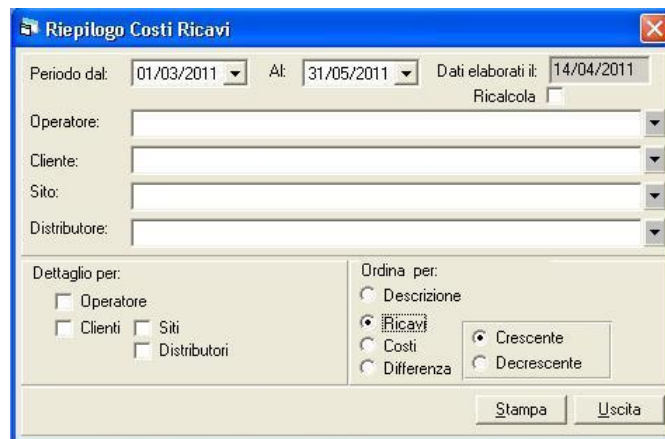


Figure 20

Summary of Revenues Costs

The 'Cost Revenue Summarization' Tab, which can be accessed from the Print menu item, allows you to view and, if necessary, print a summary of costs / revenues, including data from the ordinary management of GD and those entered via the Eco / Fin Data Management . For each period selected in the mask of Figure 21 a data processing is performed which allows to speed up the subsequent analyzes for the same period; the processing date is displayed in the read-only text box 'Data processed on:'.

Each print after the first then uses the processed data, if you want to update the processing you need to click on the 'Recalculate' box before the 'Print' button.



Riepilogo Costi Ricavi

Periodo dal: 01/03/2011 Al: 31/05/2011 Dati elaborati il: 14/04/2011
 Ricalcola ☐

Operatore:
 Cliente:
 Sito:
 Distributore:

Dettaglio per:
☐ Operatore
☐ Clienti ☐ Siti
☐ Distributori

Ordina per:
☐ Descrizione
☒ Ricavi
☐ Costi
☐ Differenza

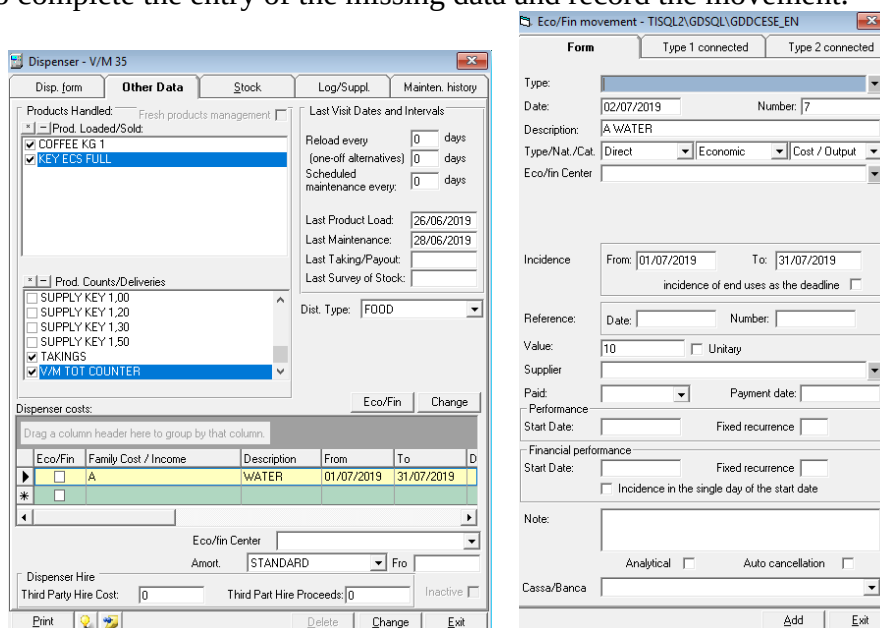
☒ Crescente
☐ Decrescente

Figure 21

Integration with GD Master Data

In some master data of GD dispenser management the Cost entry procedure has been made available, for example in the Costs tab of the Vans database and in the Costs section of the dispenser in the Other Data tab of the dispenser Database (see Figure 22).

The Eco / Fin button in the section allows you to generate the Eco / Fin transactions starting from the entered cost item. After recording the changes to the current master data, simply select the item of interest with a mouse click and press the Eco / Fin button. The echo / fin movement mask is displayed, allowing you to complete the entry of the missing data and record the movement.



Dispenser - V/M 35

Disp. form **Other Data** Stock Log/Suppl. Mainten. history

Products Handled: Fresh products management
 * [-] Prod. Loaded/Sold:
☒ COFFEE KG 1
☒ KEY ECS FULL

* [-] Prod. Counts/Deliveries
☐ SUPPLY KEY 1.00
☐ SUPPLY KEY 1.20
☐ SUPPLY KEY 1.30
☐ SUPPLY KEY 1.50
☒ TAKINGS
☒ V/M TOT COUNTER

Last Visit Dates and Intervals
 Reload every: 0 days
 (one-off alternatives) 0 days
 Scheduled maintenance every: 0 days
 Last Product Load: 26/06/2019
 Last Maintenance: 28/06/2019
 Last Taking/Payout:
 Last Survey of Stock:
 Dist. Type: FOOD

Dispenser costs:

Drag a column header here to group by that column:

Eco/Fin	Family Cost / Income	Description	From	To	D
☐	A	WATER	01/07/2019	31/07/2019	
* ☐					

Eco/fin Center

Dispenser Hire
 Third Party Hire Cost: 0 Third Part Hire Proceeds: 0 Inactive ☐

Eco/Fin movement - TISQL2\GDSQL\GDD\CESE_EN

Form Type 1 connected Type 2 connected

Type:
 Date: 02/07/2019 Number: 7
 Description: A WATER
 Type/Nat./Cat: Direct Economic Cost / Output
 Eco/fin Center

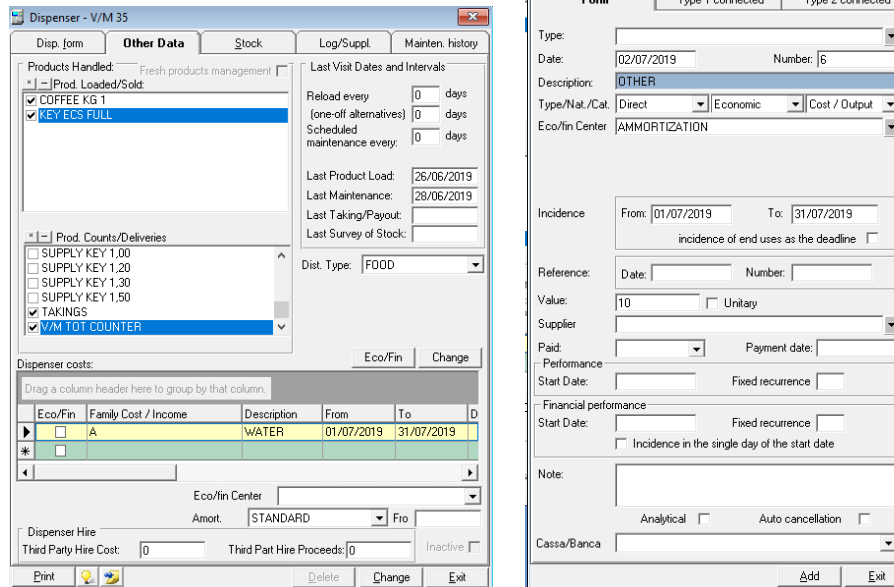
Incidence From: 01/07/2019 To: 31/07/2019
 incidence of end uses as the deadline ☐

Reference: Date: Number:
 Value: 10 ☐ Unitary
 Supplier
 Paid: Payment date:
 Performance Start Date: Fixed recurrence ☐
 Financial performance Start Date: Fixed recurrence ☐
☐ Incidence in the single day of the start date

Note:
 Analytical ☐ Auto cancellation ☐
 Cassa/Banca

Figure 22

It is also possible to associate a predefined Eco / Fin Center to the registry through the appropriate 'Cost center:' drop-down box (See Figure 23).



Dispenser - V/M 35

Products Handled: Fresh products management

- ☒ COFFEE KG 1
- ☒ KEY ECS FULL

Prod. Counts/Deliveries

- ☐ SUPPLY KEY 1.00
- ☐ SUPPLY KEY 1.20
- ☐ SUPPLY KEY 1.30
- ☐ SUPPLY KEY 1.50
- ☒ TAKINGS
- ☒ V/M TOT COUNTER

Dispenser costs:

Eco/Fin	Family Cost / Income	Description	From	To	D
A		WATER	01/07/2019	31/07/2019	

Eco/Fin Center: Amort: STANDARD

Dispenser Hire: Third Party Hire Cost: 0 Third Part Hire Proceeds: 0 Inactive ☐

Eco/Fin movement - TISQL2\GDSQL\GDDCESE_EN

Type: Type 1 connected Type 2 connected

Date: 02/07/2019 Number: 6

Description: OTHER

Type/Nat./Cat: Direct Economic Cost / Output

Eco/fin Center: AMMORTIZATION

Incidence: From: 01/07/2019 To: 31/07/2019 incidence of end uses as the deadline ☐

Reference: Date: Number:

Value: 10 Unitary ☐

Supplier:

Paid: Payment date:

Performance: Start Date: Fixed recurrence ☐

Financial performance: Start Date: Fixed recurrence ☐ Incidence in the single day of the start date ☐

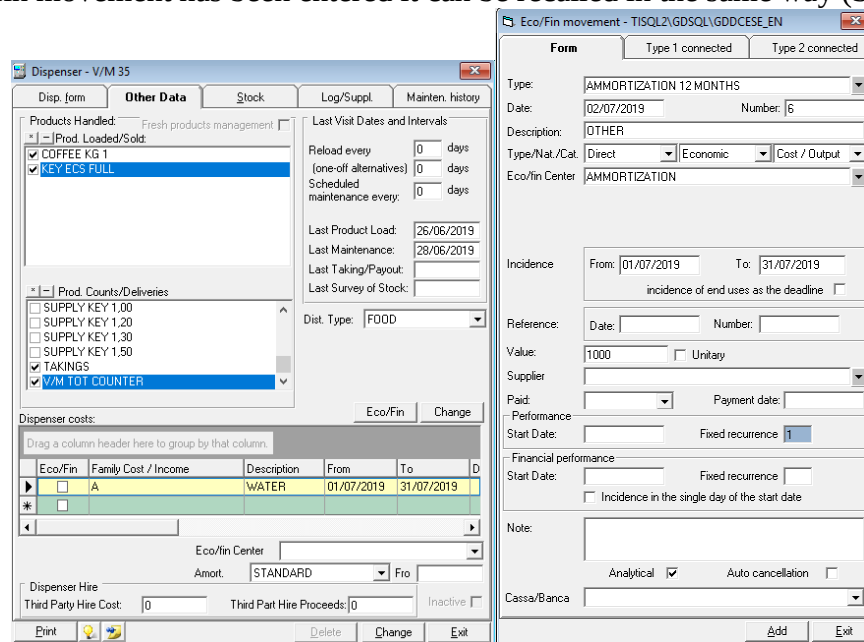
Note:

Cassa/Banca:

Add Exit

Figure 23

After the eco / fin movement has been entered it can be recalled in the same way (See Figure 24).



Dispenser - V/M 35

Products Handled: Fresh products management

- ☒ COFFEE KG 1
- ☒ KEY ECS FULL

Prod. Counts/Deliveries

- ☐ SUPPLY KEY 1.00
- ☐ SUPPLY KEY 1.20
- ☐ SUPPLY KEY 1.30
- ☐ SUPPLY KEY 1.50
- ☒ TAKINGS
- ☒ V/M TOT COUNTER

Dispenser costs:

Eco/Fin	Family Cost / Income	Description	From	To	D
A		WATER	01/07/2019	31/07/2019	

Eco/fin Center: Amort: STANDARD

Dispenser Hire: Third Party Hire Cost: 0 Third Part Hire Proceeds: 0 Inactive ☐

Eco/Fin movement - TISQL2\GDSQL\GDDCESE_EN

Type: AMMORTIZATION 12 MONTHS Type 1 connected Type 2 connected

Date: 02/07/2019 Number: 6

Description: OTHER

Type/Nat./Cat: Direct Economic Cost / Output

Eco/fin Center: AMMORTIZATION

Incidence: From: 01/07/2019 To: 31/07/2019 incidence of end uses as the deadline ☐

Reference: Date: Number:

Value: 1000 Unitary ☐

Supplier:

Paid: Payment date:

Performance: Start Date: Fixed recurrence 1

Financial performance: Start Date: Fixed recurrence ☐ Incidence in the single day of the start date ☐

Note:

Cassa/Banca:

Add Exit

Figure 24

Print "Accounting data situation"

in GD EcoFinManager A new print called "Accounting data situation" is available in the GD EcoFinManager which shows the summarized data of Sold, Collected, Purchased and Paid to supplier in a single page, including both data coming from directly from GD that of all the movement inserted through GD EcoFin Manager.

It is also possible to have the detail of the part relating to the suppliers, with the list of documents and the Eco / Fin with the list of the movements considered in the press itself.

Situazione dati contabili

Periodo dal: 01/02/2018 Al: 28/02/2018

Dettaglio per:

☐ Fornitori

☐ Elenco documenti

☐ EcoFin

☐ Elenco movimenti

Situazione dati contabili

Data: dal 01/02/2018 al 28/02/2018

	Importo	Imponibile	Aliquota	Iva
Incassi				
Incassato erogazioni	132.570,62	120.518,75	10	12.051,87
	861,85	706,43	22	155,42
Totale incasso erogazioni	133.432,47	121.225,18		12.207,29
Incassato (non fatturare)	3.480,11	3.163,74	10	316,37
	176,60	144,75	22	31,85
Totale incassato (non fatturare)	3.656,71	3.308,49		348,22
Incassato	25,92	24,92	4	1,00
	2.993,74	2.721,58	10	272,16
	14.218,08	11.654,16	22	2.563,92
Totale incassato	17.237,74	14.400,66		2.837,08
Totale incassi (erogazioni+incassato)	154.326,92	138.934,33		15.392,59
Vendite				
Venduto (non fatturare)	3.567,11	3.242,83	10	324,28
	176,60	144,75	22	31,85
Totale (non fatturare)	3.743,71	3.387,58		356,13
Venduto (fatturato)	1.456,84	1.324,40	10	132,44
	12.354,41	10.126,57	22	2.227,84
Totale	13.811,25	11.450,97		2.360,28
Totale venduto	17.554,96	14.838,55		2.716,41
Acquisti				
Acquistato	7.669,87	7.669,87	0	0,00
	1.990,94	1.914,37	4	76,57
	30.072,74	27.338,84	10	2.733,90
	57.824,20	47.396,88	22	10.427,32
Totale acquistato	97.557,75	84.319,96		13.237,79
Pagamenti				
Pagamenti EcoFin esportabili	54.647,42			
Pagamenti EcoFin	1.042,23			
Pagato a fornitore	78.697,55			
Totale pagamenti	134.387,20			
Differenze				
+ Totale incassi (erogazioni+incassato)	154.326,92	138.934,33		
+ Totale venduto	17.554,96	14.838,55		
- Totale acquistato	97.557,75	84.319,96		
- Pagamenti EcoFin esportabili *	54.647,42	54.647,42		
- Pagamenti EcoFin *	1.042,23	1.042,23		
Totale differenze	18.634,48	13.763,27		

Nota *: I valori derivanti dai dati EcoFin se presenti, sono riportati come importo ed imponibile e vanno considerati in relazione al significato finanziario od economico con il quale sono stati imputati in origine

GD CRM - CRM functions and campaign management

General characteristics

The GD Crm module allows you to create communication campaigns linked to a Word document that can be freely created by the user in which fields may or may not be inserted with some information present in the GD registry. Each communication campaign can refer either to customer data, or to customer site data or those of potential customer records. For each recipient of the campaign it will be possible to view the actual sending (in the case of direct fax or e-mail sending) of the communication, insert specific notes, and an outcome using the appropriate Outcome table. This will then allow you to also perform statistics on the actual return of the different campaigns and then monitor all communications sent.

For all campaigns that do not include a direct submission, GD Crm will still generate a list of contacts that can later be used to execute and store the outcome of the campaign for each of them. For example, in the case of telephone campaigns, the list of contacts can be used to keep track of telephone calls to be made and those made.

Potential customers master data

Since in many cases the recipients of advertising communication campaigns are potential customers, or names in possession of the management but who are not registered in GD, on GD Admin there is the table Potential customers database in order to be able to enter all contacts without be forced to enter the minimum information for the coding in GD and considering that moreover these names would get in the way of normal daily operations.

Potential customers are in practice all the commercial contacts of the management that are not yet actual customers or that despite having been served in the past have been withdrawn.

The insertion in the registry of potential customers is manual but it is possible to generate an actual customer (inserting the site and so on) from a potential customer (vice versa it is possible to create a potential customer when a client is inactive); it is also possible to import the master data automatically from Outlook or other Microsoft products in order to reduce the time required to use the features. (see the paragraph Importing CSV data)

Function to transform a potential customer into an effective one and vice versa

In the CRM module there are a series of linking features that allow you to create an actual customer from a potential or vice-versa to make an inactive customer go / return in the list of potential customers when he is lost (operationally when he is inactive) so that future marketing campaigns may include it to try to reacquire it

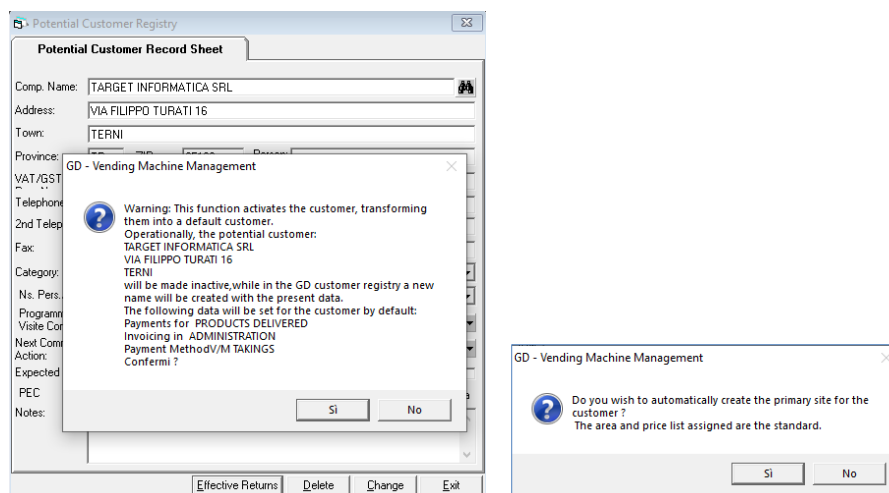
Case from potential to actual

The Make effective button if pressed

- 1) Updates the actual customer if it exists and reports it in the active status by displaying the data contained in it and asking for confirmation first.
- 2) If the actual customer does not exist, it creates a new one, asking for confirmation first, setting the default value. data relating to:
type of payments = PRODUCTS DELIVERED
billing type = ADMINISTRATION

mode pag. invoices = select from the table MODPAGFATT the lowest code

Furthermore it asks if you want to automatically create the primary site as it is done when the new customer is coded by the management.



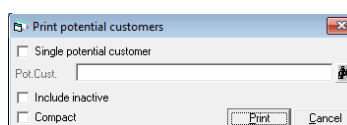
Case from actual to potential

If an actual customer is made inactive GD asks if he wants to be moved between potential customers.

- 1) Update the corresponding potential customer, if any, and report it in the active status by displaying the data contained in it, first asking for confirmation,
- 2) If the potential customer does not exist, he creates it again, asking for confirmation first

Potential customers can be made inactive by checking the appropriate option on the Potential customers tab and can be reactivated by the Reactivate GD elements function, accessible from the GD Admin management menu.

The **Print potential customers** allowsto print the list of potential customers entered



Communication campaigns

As mentioned, a series of tables and functions specific to the functions in question are available, calling them from the CRM Module menu of GDAdmin, and in particular:

- the potential customer registry as described above,
- the Communication Campaigns table which will contain an entry for each campaign carried out,
- the results table of the communication campaigns that will allow to create personalized results where to insert the actual success or failure of the campaign or possibly the action to be taken in the future
- the function of generation of the list of contacts to include in the campaign
- the function visualization by means of a completely customizable grid of the contacts involved in one or more campaigns grouping them and ordering them as you wish

Campaigns with fixed or custom text documents

GD CRM is based on the use of Word documents specially created by users through the Microsoft product with all the formatting options available and practically without limitation. The document will be sent or printed by GD CRM according to the type of action foreseen in the campaign.

However, GD CRM also offers the possibility through its integration with Microsoft Word, to optionally customize the text of the document sent to each contact with data from the contact details in the GD, from the header to a whole series of information that can make the result of the campaign itself even more effective.

Obviously it is also possible to create a standard document and request that the same text be sent to the contacts without any personalization: this can be useful in the case of circular letters such as communication to all users of the holiday closure that do not require specific customizations.

The only difference between the two campaigns is the document selection phase: in the case of a fixed text document it will be sufficient to choose the document created with Word, in the second case it will be necessary to identify which fields of the registry you want to insert in the document, make insert GD CRM automatically the references to the same fields at the end of the original document and then, reopening it in Word, position the custom fields as desired.

Management of CRM questionnaires

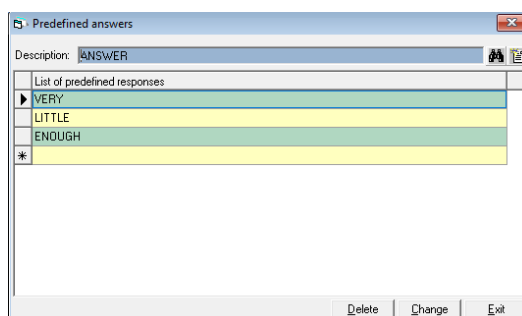
It is possible to create questionnaires that can be associated with CRM campaigns to facilitate telephone marketing activities for operators and to keep track of the entire history of the contact / client. These questionnaires can be composed of multiple multiple questions with multiple answers, which can be entered using the appropriate table to facilitate analysis and evaluation.

Each questionnaire will be entered and / or recalled by title through the menu item Management of CRM questionnaires of the GD CRM module, which allows access to the form Questionnaire setup.

The grid below lists the questions included in the questionnaire which can be entered, modified or deleted using appropriate buttons positioned above the grid itself.

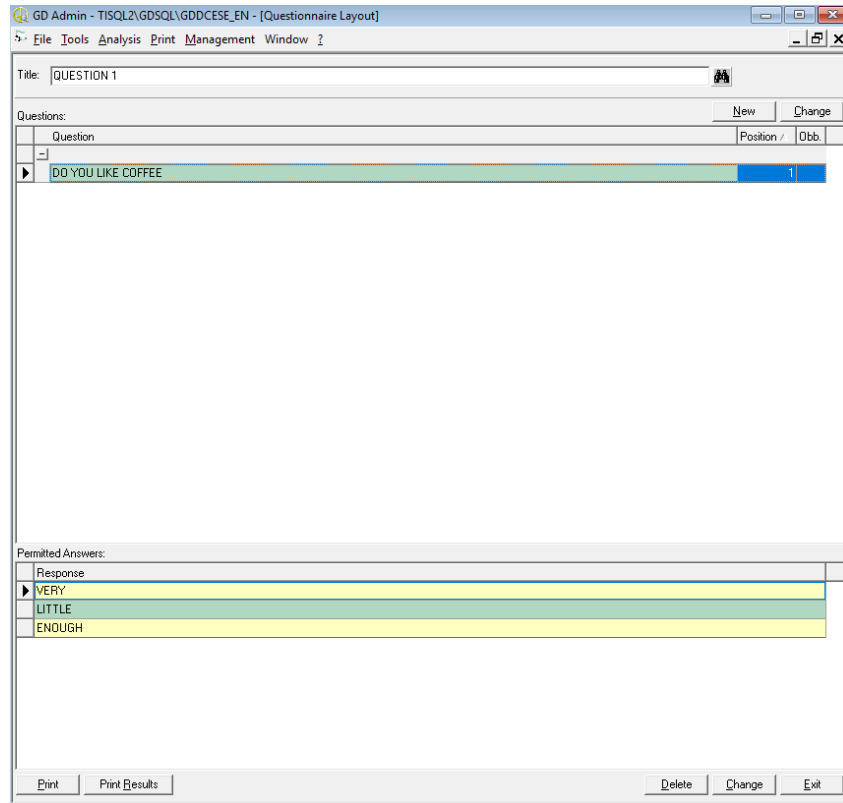
The questions in addition to the description have some options, namely:

- 1) It is possible to group one or more questions by specifying a grouping text that must be unique for questions belonging to the same group (optional).
- 2) Each time a new question is entered, a numerator is incremented that identifies its position in the questionnaire, this numbering can be changed to move a question before or after another by simply entering the number of the new position where he wishes to have it (number between 1 and num.tot.questions) and in any case this numbering is subject to the grouping described above.
- 3) By means of a special check it is possible to set the "mandatory response" property to the question, ie when entering answers, it will be mandatory for the operator to enter an answer.
- 4) To the question it is possible to combine a group of answers which must first be inserted in the appropriate **table Table answers to CRM questionnaires** (It allows to code and insert the possible answers of the questionnaires)



Entering the answers in the appropriate form requires specifying the group to which they belong and listing all possible answers in the grid.

The list of answers will be visible both in the single question sheet and in the questionnaire form itself.



GD Admin - TISQL2\GDSQL\GDDCESE_EN - [Questionnaire Layout]

File Tools Analysis Print Management Window ?

Title: QUESTION 1

Questions: New Change

Question	Position /	Obb.
DO YOU LIKE COFFEE	1	

Permitted Answers:

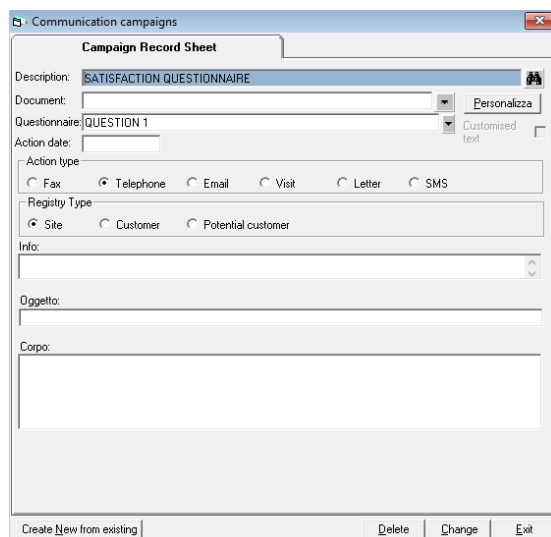
Response
VERY
LITTLE
ENOUGH

Print Print Results Delete Change Exit

Completed correctly in all the questions, the questionnaire must be memorized using the appropriate Add button.

A questionnaire can be printed using the appropriate Print button when it is reloaded into the form.

When the questionnaire has been completed it can be combined with a communication campaign by selecting the title in the campaign sheet ("gadmin" -> "Management" -> "CRM Form" -> "**Table of communication campaigns**").



Communication campaigns

Campaign Record Sheet

Description: **SATISFACTION QUESTIONNAIRE**

Document: Personalizza

Questionnaire: **QUESTION 1** Customised text

Action date:

Action type:

☐ Fax ☒ Telephone ☐ Email ☐ Visit ☐ Letter ☐ SMS

Registry Type:

☒ Site ☐ Customer ☐ Potential customer

Info:

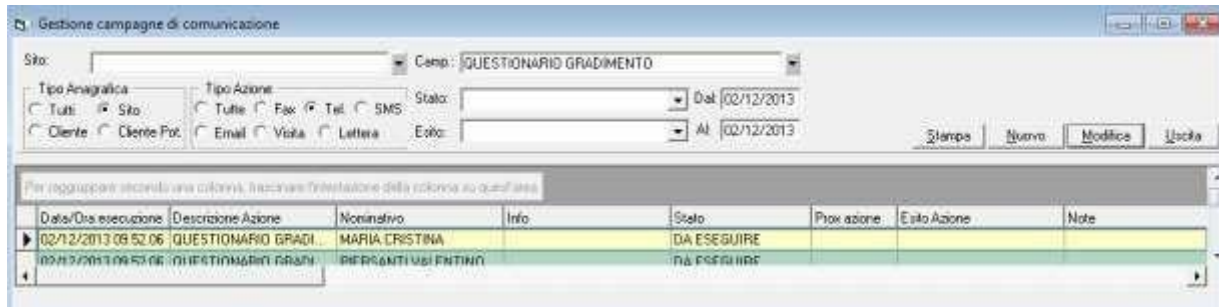
Oggetto:

Corpo:

Create New from existing Delete Change Exit

To enter the answers go to "gadmin" -> "Management" -> "CRM Form" -> "**Communication campaign management**", open the list of desired contacts based on the selection criteria, go to change the contact by selecting it in the grid and in the modification form it will be possible to insert the answers to the questions of the questionnaire linked to the highlighted campaign.

The list of contacts can be added using the New button (one registry at a time) or by recalling the list previously generated using the function *List generation for communication communication campaigns*.



Gestione campagne di comunicazione

Sito: Camp: **QUESTIONARIO GRADIMENTO**

Tipo Anagrafica: ☐ Tutti ☒ Sito ☐ Cliente ☐ Cliente Pot

Tipo Azione: ☐ Tutte ☐ Fax ☒ Tel. ☐ SMS ☐ Email ☐ Visita ☐ Lettera

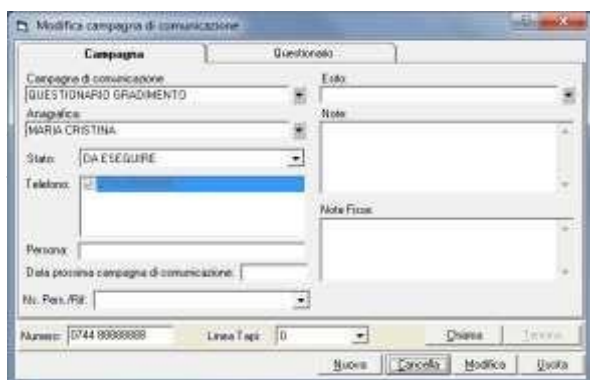
Stato: Dal: **02/12/2013**

Esito: Al: **02/12/2013**

Stampa Nuova Modifica Esci

Per raggruppare secondo una colonna, trascinate l'intestazione della colonna su quest'area

Data/Ora esecuzione	Descrizione Azione	Nominativo	Info	Stato	Prox azione	Esito Azione	Note
02/12/2013 09:52:06	QUESTIONARIO GRADI...	MARIA CRISTINA		DA ESEGUIRE			
02/12/2013 09:53:06	QUESTIONARIO GRADI...	PIERANTONIO ENTIN...		DA ESEGUIRE			



Modifica campagna di comunicazione

Campagna Questionario

Campagna di comunicazione: **QUESTIONARIO GRADIMENTO** Esito:

Anagrafica: **MARIA CRISTINA** Note:

Stato: **DA ESEGUIRE** Note Fixa:

Telefono:

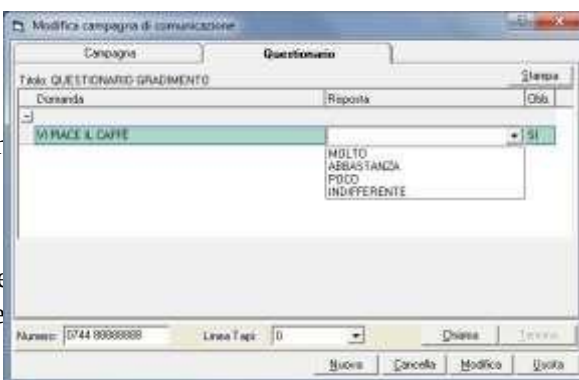
Person:

Data prossima campagna di comunicazione:

Nu. Pers./Ril:

Numero: **0744 8998888** Linea T.leg: **0** Chiama Termina

Nuova Cancella Modifica Esci



Modifica campagna di comunicazione

Questionario

Titolo: **QUESTIONARIO GRADIMENTO** Stampa

Domanda: **MI PIACE IL CAFFE** Risposta: **SI**

MOLTO ABBASTIANZA POCO INDIFFERENTE

Numero: **0744 8998888** Linea T.leg: **0** Chiama Termina

Nuova Cancella Modifica Esci

In the questionnaires management form it is possible to print the questionnaire and print the statistics of the answers given by single question (button **Print results**) both in absolute number and in percentage displayed in descending order based on the percentage itself.

All the answers tabulated will be listed if they are given this answer at least once, while for the answers with free description only the first 5 having the highest percentage will be listed (the grouping is valid provided that the same is written in the answer wording for different names).

Implementation of a communication campaign

To create a communication campaign and send documents to customers, you must:

1) Create a campaign in the appropriate communication campaign table

It is necessary to enter the following information:

The type of registry choosing between customers / sites or potential customers (NB: each campaign can contain only one type of registry, but can be made more campaigns with the same document) The type of action used in the campaign (fax, telephone, mail , visit comm.le, letter) The document previously created with Microsoft Word 2003.

If the document you are using has already been customized with the fields entered by GD CRM you must tick the custom text entry; if instead it is a standard document that you want to personalize it or not, leave the box unchecked. At the time the contact list is created it will be possible, using the Personalize button, to carry out personalization or not.

NB if you choose to customize the document, you will be asked to enter a new file name for the customized document so that the main document is not modified.

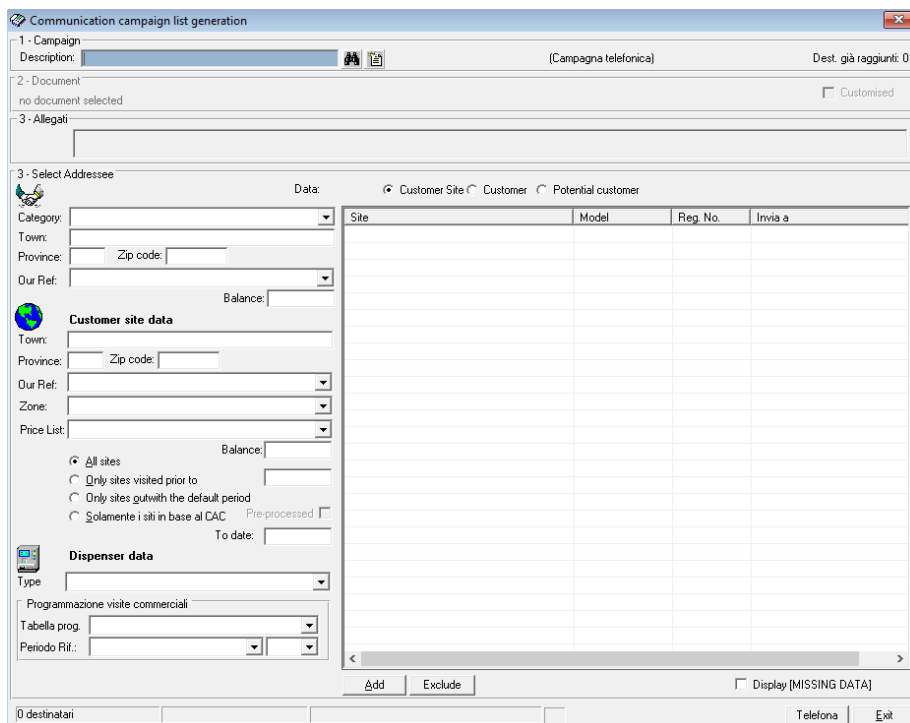
Elimination of old communication campaigns

It is possible to force the elimination of a communication campaign from Table communication campaigns even in the presence of detail lines with executed actions and / or documents sent. To do this, hold down the CTRL key while clicking on the Delete button (the operation is irreversible).

2) Generate a list of contacts for the communication campaign

From the GDAdmin CRM Module menu choose "Generate list for communication campaign" and select the newly created campaign. At this point, after verifying that the document is the one intended, make the selection of the recipients. This selection can be made by specifying the filter criteria by applying several at the same time and also in different sessions with completely different criteria. It is therefore possible to enter all the customers of a specific category that have installed a certain type of dispenser and then add, in the same campaign, those of a particular province. Each time the Add button is pressed the selected names can be added (or replaced to those already present). Obviously, if applying the same criteria several times, the same master data should be identified, the same will be added only once to the list: the discriminating field will be the fax number for the campaigns by fax, the email address for those via e-mail and the mailing address for all others

..



Pressing the action button (called Send Fax, Send Mail, Phone etc. according to the type of campaign), GD Crm will:

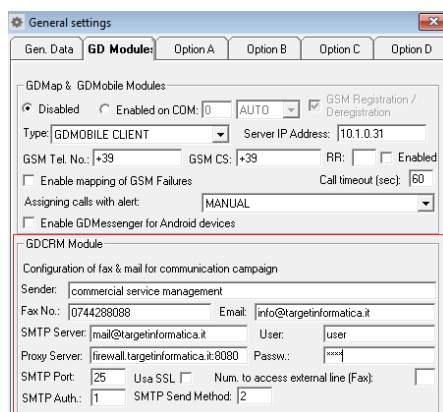
1) Create a list of recipients for the campaign in question and register it in the GD database 2) Run automatic sending where required

Fax sending using the Windows XP Fax service

To send the Fax GD CRM relies on the Fax service offered by the Windows XP operating system. For its configuration, see the information in the XP documentation, but in essence it is sufficient to connect a Fax modem to the PC, making it recognized and then set the operating parameters of the service itself through the properties of the Fax printer. All the parameters of setting, including number of attempts in case of failure and document margins are used by GD CRM without making changes to the system ones. Before proceeding with sending from GD CRM, it is advisable to check that the service is working by sending a fax manually using the appropriate item in Accessories Communications Send a Fax in the Programs menu. As mentioned, the fax status is monitored by the special GD CRM window, however the control and any advanced functions (such as the display of the fax image itself) can be obtained through the administration console of the Windows XP Fax service. NB. If the GD Crm sending monitoring window is closed while faxes are being sent, the faxes in the queue not yet sent are canceled, but the recipients remain on the list as not sent, so when you wish you can continue with the 'send without losing names.

Email sending using the CDOSYS libraries of the Windows XP operating system

GD CRM uses the operating system CDO libraries for sending emails. For these to work it is necessary that at least Outlook Express (or a version of Microsoft Outlook) is installed on the PC and that it is able to send electronic mail via the Internet. The configuration parameters of GD CRM for sending e-mail can be copied from the Outlook account settings, relative to the SMTP server, and to the related user and password and to any Proxy server on the network.



When the action key is pressed, regardless of the actual sending of the communication, for each recipient of the campaign a record containing the personal data reference, the actual date and time of sending, the status or if the sending is stored in the GD database. status requested, successful or unsent. For example, in the case of sending by Fax, the requested sending means that the fax is queued but has not yet been sent, the successful sending means that the fax has been sent and received by the contact, while not sent means that after having carried out all the foreseen attempts, the fax has not been received (perhaps due to an error in the telephone number or similar). As you can see from the image next to each contact, a black circle is displayed which means that the sending must be performed. In case of failed sending, the name remains in the list but the circle turns red.

3) Communication campaign management

It allows to verify and analyze the progress of a communication campaign and insert the result. Through this function it is possible to view the progress of the communication actions and possibly, in particular for those without automatic sending, enter the completed execution and in the case the result.

It is also possible to insert a new contact in an existing campaign but obviously in the case of campaigns with automatic sending this cannot be performed from this form but it will be necessary to return to the previous function, where however the name will be among those to be processed.

GD Admin - TISQL2\GDSQL\GDDCESE_EN - [Communication campaign management]

File Tools Analysis Print Management Window ?

Customer: Campaign:

Registry Type: ☒ All ☐ Site ☐ Customer ☐ Pot.Cust.

Action type: ☒ All ☐ Fax ☐ Tel. ☐ SMS ☐ Email ☐ Visit ☐ Letter

Status: From: 02/07/2019

Outcome:

Drag a column header here to group by that column.

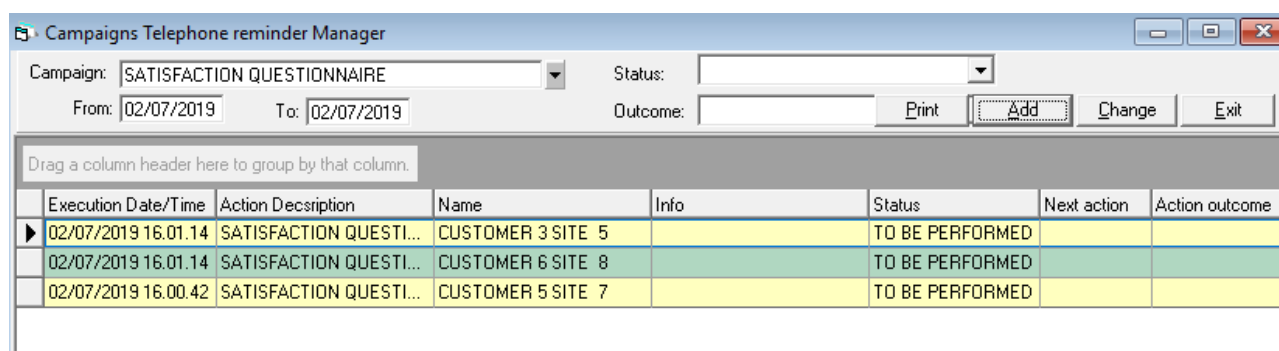
Execution Date/Time	Action Description	Action type	Name	Name Type	Info	Status	Next act
02/07/2019 15.56.13	VISITE A NUOVI CLIENTI...	Visit	TARGET INFORMATICA ...	Pot.Cust.		TO BE PERFORMED	

GDCRM telephone campaigns

On the GD Management menu, the management of telephone recall campaigns based on the GD CRM is present.

For telephone campaigns only, once the communication campaign is created (from the GDAdmin Management menu, GD CRM Module, Communication Campaign Table) it is possible to access the function directly from the GD Management menu. **Telephone Campaigns (GD CRM)**

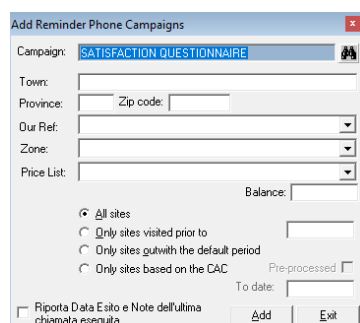
This management includes three different masks. The first screen allows you to view, by setting or not filter data, the list of registered sites to contact by telephone.



Execution Date/Time	Action Description	Name	Info	Status	Next action	Action outcome
02/07/2019 16.01.14	SATISFACTION QUESTI...	CUSTOMER 3 SITE 5		TO BE PERFORMED		
02/07/2019 16.01.14	SATISFACTION QUESTI...	CUSTOMER 6 SITE 8		TO BE PERFORMED		
02/07/2019 16.00.42	SATISFACTION QUESTI...	CUSTOMER 5 SITE 7		TO BE PERFORMED		

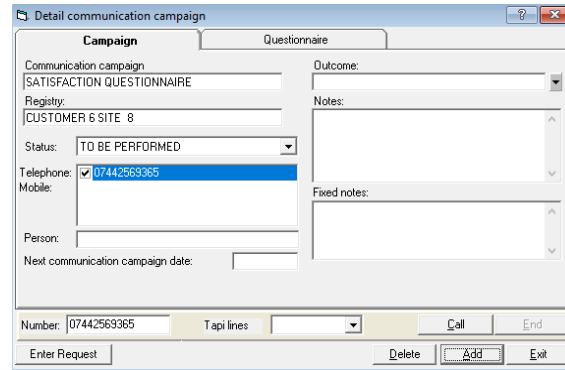
This list can be generated either through the GD CRM, from GD Admin, or through the special "Add" button in this form.

Pressing this button will display the window below



in which it will be necessary to indicate the campaign on which to queue the new sites to be contacted (if previously a campaign was chosen, it will be proposed again automatically), while the list of them will be filtered through the other fields present, considering that **the sites will be added only if the telephone number in the registry is not empty and they have never been present in the campaign itself or are present with the status of executed / non-executable and have a next date that is empty or less than or equal to today's date.**

Once the list of Sites to be contacted is reached, using the "Modify" button it will be possible to enter the details of the call itself (Figure below).



From here it will be possible to change the status of the call, enter a specific outcome and any notes, as well as a date for the next call-up expected (which will be taken into consideration in the generation of the next lists).

The card contains the list of telephone numbers present with the possibility of automatically dialing the number chosen, if connected to a switchboard.

It is also possible, by pressing the appropriate request entry button, to call up the request entry form, so as to be able to enter a request / order while talking on the phone.

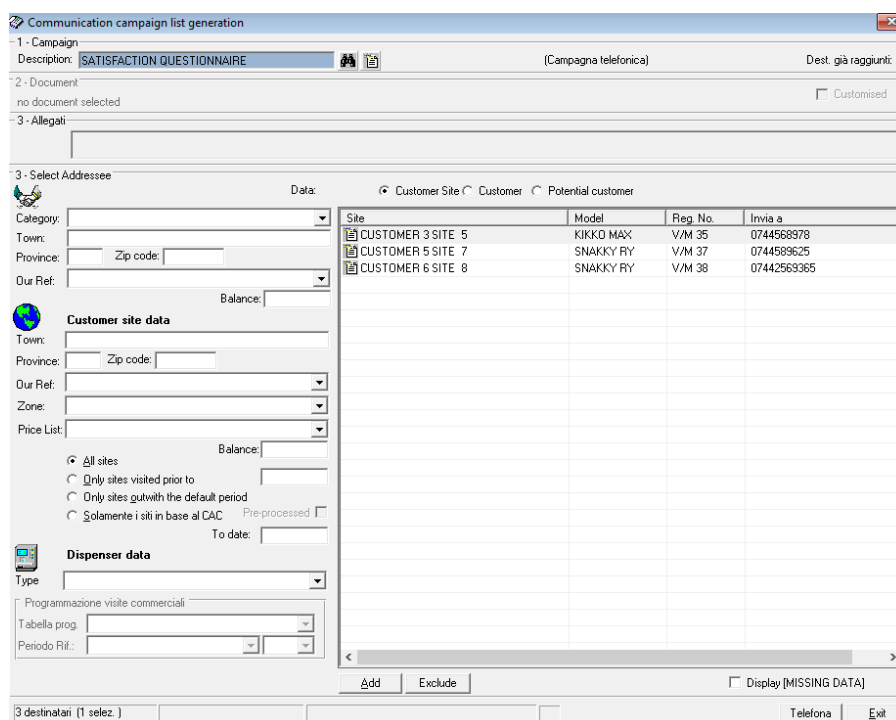
GDCRM visit campaigns

The GDCRM module optionally allows to schedule visits to customers, or to schedule the month to month and finally to insert the results.

It is in fact possible to create an annual planning on a monthly basis of the visits to be made to customers, defining it in the **Schedule of commercial visits programming**.



It is therefore possible to associate the desired programming to the customer master data managed by the CRM, possibly indicating in the Ns field. Reference, the salesman who will carry out them. It is therefore sufficient to create a visit campaign (if you wish, referring it to the sales representative) and then create through the "List generation by communication campaign" tool. This function, in the case of visit-type campaigns, allows not only to filter the master data but also to indicate the reference month and year for which you wish to generate the visits to be made.



Site	Model	Reg. No.	Invia a
CUSTOMER 3 SITE 5	KIKKO MAX	V/M 35	0744568978
CUSTOMER 5 SITE 7	SNAKKY RY	V/M 37	0744589625
CUSTOMER 6 SITE 8	SNAKKY RY	V/M 38	07442569365

Once you have selected the master data for which you want to schedule a visit by pressing the button **Visit**, a list is generated which you can then manage with the Communication Campaign Management function where the sales person can enter the notes and the outcome of the visit as well as set it as performed.

Finally, it is possible to obtain a report on an annual basis of the planned visits and those actually carried out and made as performed through the menu item **Print commercial planning visits**.

Summarizing the commercial visits can be performed on any type of registry even without the programming, as in all other campaign types. By creating a special schedule and selectively adding the registries based on the planned visits, it is possible to filter the registries that are added based on the period.

To set visits with programming keep in mind that:

1) The programming table must be defined which indicates the recursion with which you want to visit the customers to whom it will be applied. For example, a semi-annual and an annual one can be created, indicating the active months. So you need to apply the recursion you want to each registry. As mentioned, if you want you can indicate who the commercial reference (our reference person) is in the Contract folder of the customer database in GD.

When you want to generate the list, create a campaign, choose the ns. Reference in the customer / site selection area, choose a programming table and then the reference month / year. Pressing add will be inserted all the names that have ticked in the programming table the reference month chosen. All eventually filtering for the commercial indicated in ns. reference person

If you do not choose a program, everything works as for other campaigns and pressing add filters does not take into account the programming table.

Visiting campaigns of salespeople on Android devices

Commercial requests may be normal order requests (or commercial requests with commercial action on the V/M) or requests to visit even sites without V/M, to customers without a site or finally also to customers potential: for all the latter the list of requests has a whole series of constraints linked to the site / dispenser, and is therefore not always usable or in any case suitable for the purpose.

In the GD CRM management, a type of “visits” campaign has always been envisaged, whose execution until today was managed manually. **From version 6.6A on the Android devices of operators with a commercial role, it will be possible to have the list of GD CRM commercial visits not yet executed (ie with the status "TO BE CARRIED OUT") displayed as a series of steps added at the end of the list of sites.**

We remind you that the management of the GD CRM is available in GDAdmin, through the relative menu.

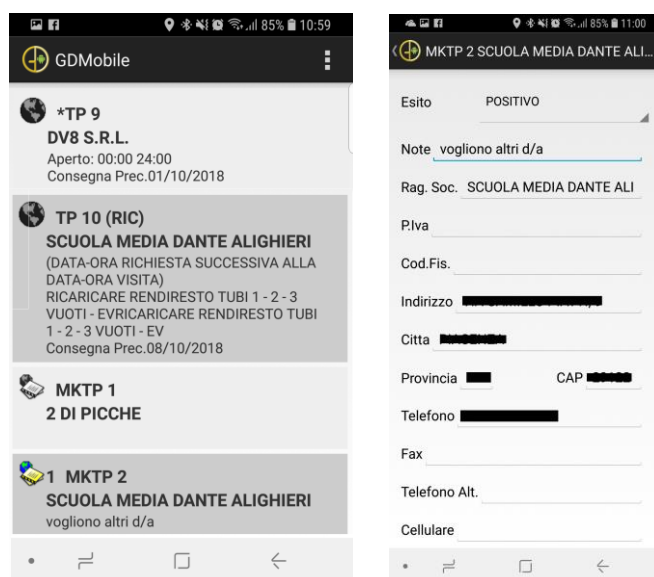
GD Crm Module	Potential Customer Registry
GD Web Module	Print potential customers
	CRM questionnaire answer table
	CRM questionnaire management
	Commercial visits planning
	Print commercial visits planning
	Customized documents
	Communication campaign table
	Communication campaign outcome table
	Communication campaign list generation
	Communication campaign management
	Print communication campaign

For a complete description of the campaign management functions, refer to the GD CRM manual at the end of this bulletin. However, to facilitate the first use, keep in mind that

- 1) The campaign must be created through the Communication Campaign Table function indicating the type "Visit" and the type of registry of interest (between customers, sites and potential customers ... a single campaign cannot have personal data from type other inside)
- 2) the list of steps to be carried out in the countryside can be completed manually through the "communication campaign management" or automatically through various selection criteria, using function "list generation for communication campaigns"
- 3) Any visit anyway inserted, initially it is in the "To Execute" status.

The visits added to the route, will be those of the open GD CRM campaign (s) and that are assigned to the operator of the route itself (our reference person = tour operator) .

They can also be related to the same site of a standard stage and are in any case identified by a different icon and an MKTP title (marketing stage)



As you can see when the route will be sent to the commercial operator, in addition to its possible standard steps with possible orders, to the possible free sites, the stages coming from the CRM list will be added. Keep in mind, however, that:

- 1) These stages are not visible in the recharged daily route, but only in the GD CRM visit campaign, as at the time of recharge they update the communication campaigns and do not include delivery of goods / surveys / maintenance. The stages for which notes and results have been entered are marked as EXECUTED in the respective campaign (s) of origin.

2) In these stages, as in PC management, the client's personal details will be visible and it will be possible to insert a note and indicate the outcome of the visit (by selecting one of the items in the Outcomes table, always loadable by GDAdmin / Management / ModuleCRM / Table outcomes results ...)

The MKTP stages can also be added by the handheld to load the basic data of new customer records they are automatically entered in the potential customer archive.



It should be noted that the main data can also be collected by scanning the new QRCode that each taxpayer can print directly from the AdE Italian Government Agency website from the Invoices and payments portal (below is the Target Informatica Srl website)

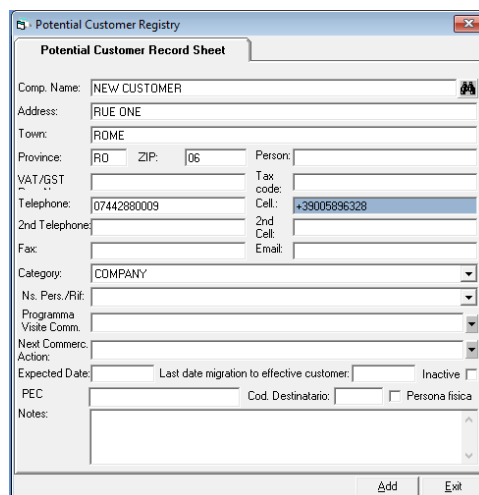


QR CODE - PARTITA IVA



Nazionalità: IT
 Codice Fiscale: 00664210556
 Partita Iva: 00664210556
 Denominazione: TARGET INFORMATICA S.R.L.
 Indirizzo: VIA F. TURATI 16, 05100 TERNI TR IT
 Pec: OGGTBK
 Codice Destinatario: OGGTBK
 Data generazione QR-Code: 02 gennaio 2019 09:59:03

3) From the archive of potential customers it is then possible to transform the new names into standard customers, on which to then insert sites and dispensers. If you are working on GDAdmin, to do this simply load the registry of the potential customer and click on Effective.



Potential Customer Record Sheet

Comp. Name: NEW CUSTOMER

Address: RUE ONE

Town: ROME

Province: RD ZIP: 06 Person:

VAT/SST Tax code:

Telephone: 07442880009 Cell: +39005896328

2nd Telephone: 2nd Cell:

Fax: Email:

Category: COMPANY

Ns. Pers./Rit:

Programma Visite Comm:

Next Comm. Action:

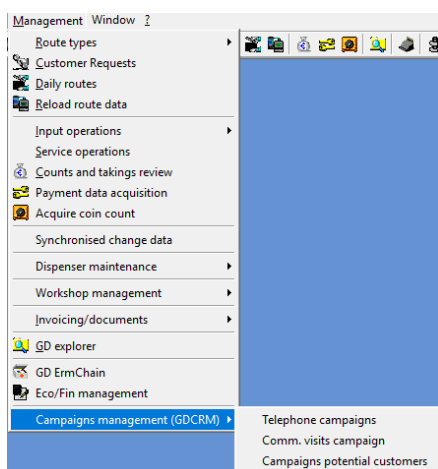
Expected Date: Last date migration to effective customer: Inactive

PEC Cod. Destinatario: Persona fisica

Notes:

Add Exit

With the 6.6A version, to make it easier to use, the GD CRM daily use features present in GD have now been expanded: it is in fact possible to operate directly from GD no longer only for telephone campaigns, but also for those relating to commercial visits and to a campaign, created automatically, dedicated to potential customers, where visits are created for the new stages entered.



The first list, always present, allows you to manage telephone CRM campaigns and make telephone calls directly, even in connection with the telephone switchboard, recording the outcome and possibly also the product order.

The second shows the visit campaigns and allows you to enter / manage commercial visits, and is the point where you preferably enter commercial visits on the fly to Android devices. Finally, the third one allows you to view the data of the "special" campaign, created automatically, which contains only the visits with the steps recorded at the time of the visit of potential customers

GD - TISQL2\GDSQL\GDDCESE_EN - [Campaigns Telephone reminder Manager]

File View Tools Tables Dispensers Customers Warehouses Management Window ?

Campaign: SATISFACTION QUESTIONNAIRE Status:
 From: 02/07/2019 To: 02/07/2019 Outcome:
 Open

Integration with the features of the GD Data Explorer

In the GD Data Explorer, a module that can be called up through the light bulb icon from any GD master screen and by telephone requests to know all the salient information of the customer, if you have the CRM module, you can view the CRM Contacts executed in the month selected in the Selection tab.

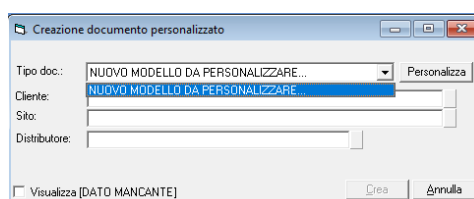


Creation of personalized documents

GDCRM has always managed customizable documents through campaigns that create and print (or send by mail or fax) documents to groups of selected customers based on different criteria. The documents are simple Word files in which it is possible to enter information from the GD database relating to customers, sites and dispensers.

From the Custom documents creation function the personalization and printing is also feasible for individual customers / sites / dispensers in order to allow the generation of specific documents (Contracts and / or specific forms) which can then be further edited and integrated with Microsoft Word. The function allows you to create (and subsequently choose) the model created and specify the customer / site / dispenser whose data must be entered in the print.

Below are the steps to follow to create a template and then create the custom document:



a) Creation of a customized model

The models are present in the Models folder under GDSQL

To personalize a document, or to insert the fields in the points where you want GD to insert the information of Clients, Sites and dispensers, you must:

- 1) Select from the list of document types the "NEW MODEL TO CUSTOMIZE" item
- 2) Press the Customize button and select the Word document with the original text (suppose the file that contains the text of a standard company contract)

If you want to start from an empty document choose Cancel and save the new Model (the system proposes an automatic model name but it is possible to change it)

- 3) Choose in the list the fields that you want to insert in the model and that will be entered at the end of the text of the document.
- 4) The template is saved in the GD Templates folder with the original text and the fields chosen in the queue. The folder is opened and you can open the Word document by double-clicking on it.
- 5) Open the document with Word and place the fields in the right place (for example in the box where the customer's company name is written, insert the RagSoc | Customer field, etc.

Note that the fields must be copied or dragged by selecting them from the far left of the line containing the field in the document when the cursor becomes an arrow and can be inserted as many times as you want in the text. Note that there are two special fields that are inserted as information tables: Prices Contract and

List dispensers

b) Creation of document from the model for the selected customer

- 1) Select the model chosen from the list of documents (for example "Bailout Contract")
- 2) Choose the customer and then press Create. The file will be created in the customer folder under the customer documents folder (indicated in the General settings by GAdmin)

GDCRM will create a document from the model chosen with specific customer information co. Where the data are not present it will not be possible to insert the fields so it is advisable to check the text before sending it to the customer.

A titolo di esempio viene fornito il file "Contratto comodato Confida.doc" del contratto di comodato standard suggerito da Confida con i campi disponibili già preconfigurati.

Business information on portable terminals

For those operators who have an active role as Agent or Area Manager, it is possible to send to the PDA the available commercial information, without prejudice to all the other possibilities and settings already present in the operator card. The commercial information can therefore be accessed directly from the program on the handheld and loaded at the start of the route for all the sites belonging to the route and the free ones sent.

NB: The data relating to the dispenser averages will be sent only to the operator identified as Area Manager and in any case the data sent will relate only to the operator's free sites and not to the rest of the management customers.

On the Site Detail tab:

- in the **Info** folder the Commercial item shows the Customer Category, the Zone, the detailed data relating to the contract and the next commercial action, the number of users and other information such as the holiday period.
- in the **List Price** folder the products that have the commercial prices entered in GD (Coin Price, Key Price) are displayed.
- in the **Statistics** folder the overall monthly average and the monthly average are displayed for the period set in GDAdmin (visible for operators with the Area Head role).

In the Withdrawals folder the dispensers withdrawn with Collection date and Reason for collection are displayed

In the dispensers tab is also available the Commercial menu that allows access to other Info on the service to the dispenser (Last visit, Last Collection, Last maintenance, Batt. Daily provided) and in the folder

Statistics the Media dispenser (visible for operators with role Area head) and the latest deliveries

GD Shop and functions for the mgmt of the store

A new edition of GD is available which is called **GD Shop** and which allows to manage only OCS and in any case machines with delivered products, deactivating the functions and settings dedicated to the dispensers to beats and to dispensing (payment systems, coin counting ...). The version is specifically designed for those who also manage one or more Coffee Shop points of sale and have all the GD features relating to the dispensers with payments for products delivered. The new features included in the GD Shop are still available in GD / GD1, and in that case they also act on the other types of dispensers.

In particular, the new was created for the management of the sales point **GD Shop Front Office program (gdshopfo.exe)**, a light client that contains all that is necessary to carry out the sales at the counter (essentially the Setup Wizard and Sales functions / direct delivery and generic sale supplemented by other useful features (registry lists, settings, etc.).

it should be noted, finally, that **GD Shop Front Office** while turning on the computer, being a lightweight client engages a terminal license (not a pC license).

one of new functions related to the management of a shop for the sale of pods and capsules, is the Fidelity Card that allows you to quickly identify a customer who comes to buy the product

Customer Fidelity Card Management

From version 5.9 it is possible to manage fidelity cards for the customer, one of the classic tools for customer loyalty that buys pods or capsules.

the fidelity of the c code ard is generally a barcode pre-printed on the card itself, but GD also allows you to use non-serialized cards and generate a unique code for each customer.

From an operational point of view, the card can be used to speed up recognition and sales operations when the customer accesses the sales counter.

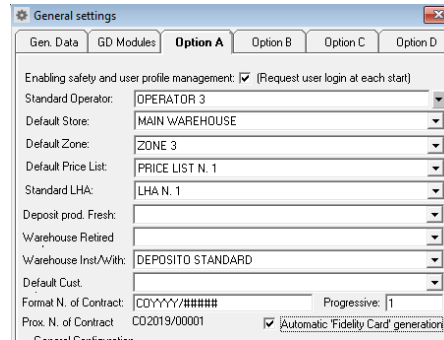
Use of cards with pre-printed barcodes

If the card already has a barcode, when entering the new customer it is sufficient to place yourself in advance on the field **Fidelity card** and scan the barcode on the card; the scanned code is then written to the field itself, and the card is associated with the customer. In these cases obviously the Fidelity Card must not be automatically generated.

Using cards without barcode

On the contrary, if you use non-serialized cards with barcode, you can automatically generate a code and print the labels with the card code, which will consist of aaaammgg + unique internal code of the customer.

The standard setting for generating or not the code is available in the opt. A of GDAdmin as shown below: initially disabled.



General settings

Gen. Data | GD Modules | **Option A** | Option B | Option C | Option D

Enabling safety and user profile management: ☒ (Request user login at each start)

Standard Operator: OPERATOR 3

Default Store: MAIN WAREHOUSE

Default Zone: ZONE 3

Default Price List: PRICE LIST N. 1

Standard LHA: LHA N. 1

Deposit prod. Fresh:

Warehouse Retired:

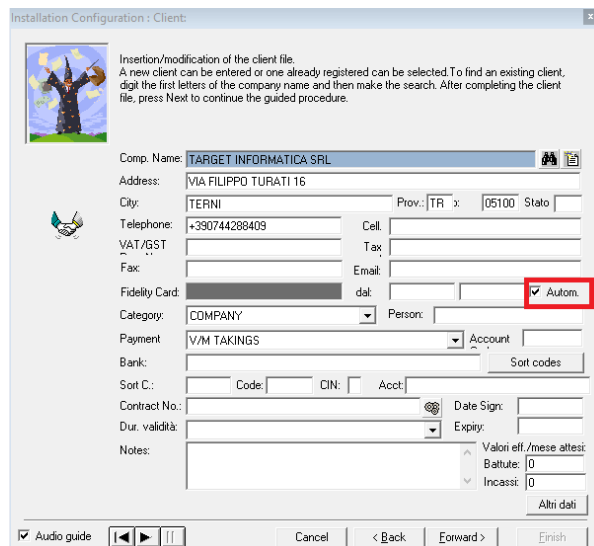
Warehouse Inst/With: DEPOSITO STANDARD

Default Cust:

Format N. of Contract: C0YYYY/##### Progressive: 1

Prox. N. of Contract: C02019/00001 ☒ Automatic Fidelity Card generation

If the Automatic Fidelity Card Generation box is checked in the Installation Configuration or in the customer form, the system creates and assigns the Fidelity Card number when the registry is registered. If the box is checked, obviously it is not possible to enter the code of Fidelity Card manually in the field that turns gray, otherwise you can type the code manually or acquire it via scanner.



Installation Configuration - Client

Insertion/modification of the client file.
A new client can be entered or one already registered can be selected. To find an existing client, digit the first letters of the company name and then make the search. After completing the client file, press Next to continue the guided procedure.

Comp. Name: TARGET INFORMATICA SRL

Address: VIA FILIPPO TURATI 16

City: TERNI Prov.: TR x: 05100 Stato:

Telephone: +390744288409 Cell:

VAT/GST Tax:

Fax: Email:

Fidelity Card: dal: ☒ Autom.

Category: COMPANY Person:

Payment: V/M TAKINGS Account:

Bank: Sort codes:

Sort C.: Code: CIN: Acct:

Contract No.: Date Sign:

Dur. validità: Expiry:

Notes: Valori eff./mese attesi:
Battute: 0
Incessi: 0
Altri dati

☒ Audio guide

It should be noted that in the GDShop Front Office, if you have a label printer, when a new Fidelity Card is generated, the program will also print the card after the contract has been printed, directly at the end of the procedure automatic.

Use of Fidelity card

- *In installation configuration*

In the Configuration of Installations procedure in the GDShop Front Office, if a customer is presented to the desk to which the card has previously been delivered, it is possible as an alternative to the classical search, to position yourself on the Company Name and scan the barcode of card to load the data.

- *For sale / direct deliverydirect*

In delivery sales it is possible to directly access the item list by scanning the barcode on the Fidelity Card. Since the card is for a customer, if, as in most of these cases, the customer has only one site and one dispenser only, the list of products is automatically loaded. In the presence of multiple sites or multiple dispensers, it will be necessary to choose the one of interest in the list.

Printing of Fidelity Card

barcodes In GDAdmin / Stampa / Clienti, the new “Print barcode Fidelity Card” function has been made available which allows you to print the barcode of the fidelity card of a specific customer and / or all customers who have received the card in the specified range. Printing takes place on the configured label printer or, in the absence of it, on a special report. It is therefore possible to print the list of fidelity card barcodes issued up to a certain date or that from a certain date onwards.

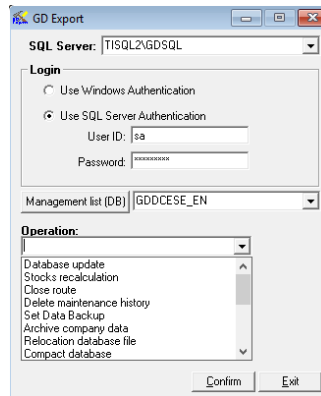
Management of the activation date of the Fidelity Card

In the customer form, in addition to the identification of the loyalty card, the date of activation of the same is recorded, a useful data in itself and that is exploited by the new promotional management functions described below. Since it is also used in the calculation of promotions, this date if the Fidelity card field is entered is mandatory.

GDExportSQL User Guide

The following describes the use of GDExportsql outside of GD

To open GDExportsql.exe go to the GDSQL folder on the PC Server, usually in C: Programs gdsq, double-click GDExportsql.exe to view the relative mask



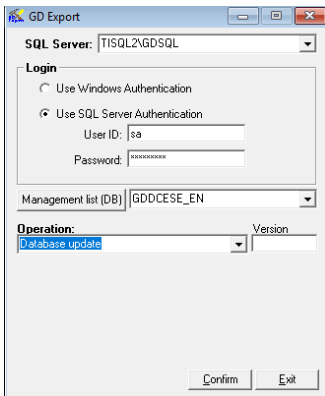
From this screen, after selecting the Server, the Login method and the database on which to operate (*GDExport automatically proposes the login settings of the last access made with GD / GDAdmin*), it is possible to select the type of operation to be performed via the "Operation" combo.

After choosing the operation and setting the necessary parameters, using the "Confirm" button starts the actual execution of the program, based on the selected mode.

By pressing the "Exit" button, the application is closed without performing any operation.

The available operations are:

1. "Update Database"
2. "Recalculate Stocks"
3. "Close Route"
4. "Delete Maintenance"
5. "Set Data Backup"
6. Execute Archive Maintenance (MAN)
7. Execute maintenance programs (PATCH)
8. "Archive management data"
9. "Relocation database file"
10. " Compact database "
11. " Export registry x new prof. "
12. " Delete saturated lots "
13. " Change route "
14. " Repair database "
15. " Delete supplies not associated with key lines "
16. " Export data to csv file "
17. Delete products / meters never used by dispensers



GD Export

SQL Server: TISQL2\GDSQL

Login

☐ Use Windows Authentication

☒ Use SQL Server Authentication

User ID: sa

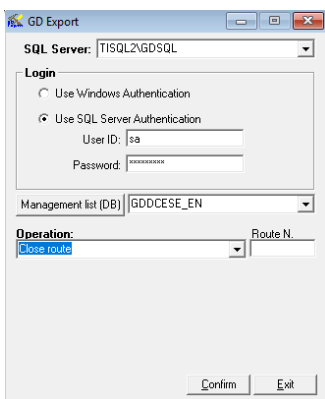
Password: [REDACTED]

Management list (DB): GDDCESE_EN

Operation: Database update

Version:

Confirm Exit



GD Export

SQL Server: TISQL2\GDSQL

Login

☐ Use Windows Authentication

☒ Use SQL Server Authentication

User ID: sa

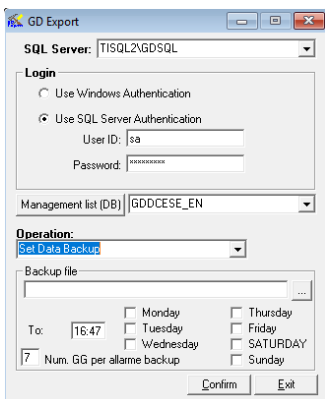
Password: [REDACTED]

Management list (DB): GDDCESE_EN

Operation: Close route

Route N.:

Confirm Exit



GD Export

SQL Server: TISQL2\GDSQL

Login

☐ Use Windows Authentication

☒ Use SQL Server Authentication

User ID: sa

Password: [REDACTED]

Management list (DB): GDDCESE_EN

Operation: Set Data Backup

Backup file:

To: 16:47

Monday Tuesday Wednesday Thursday Friday SATURDAY Sunday

7 Num. GG per allarme backup

Confirm Exit

The item **"Update Database"** activates the **"boxVersion"** where you can enter the version of gd from which to update the database.

The **"Close route"** item activates the **"Route number"** box where you can enter the number of the route to close.

Procedure for the forced closing of the partially open turns (this procedure must be performed only if the lap is closed, but there are customers stuck in the turn).

ATTENTION: the program is not able to do any verification on the laps, so it is necessary to make sure of the number of the route that blocks the customers, which will be closed anyway !!

We recommend making a database backup before performing this operation.

The **"Set Data Backup"** item activates a box and a button with which to select the route where the backup file will be saved.

The name of the backup file is automatically proposed (eg: if the selected management is GD the name GD.bak will be proposed).

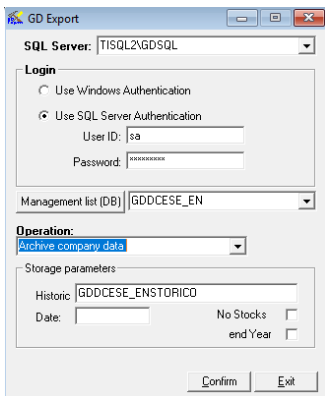
It is also possible to specify the time and day of the week in which to automatically start the backup operation.

Pressing the command confirms a planned operation is generated (visible from "Settings Control Panel Scheduled Operations" of the windows Start menu) called GDBCK_ followed by the name of the database, which can also be changed manually as regards the frequency / time of the scheduling exploiting all the possibilities offered by Windows. This operation executes the GDBackup.cmd file in the CMD folder located in the GDSQL installation folder that is created after pressing the Confirm button.

This file can be used manually. The GDRestore.cmd file is also created to be used if it is necessary to restore the last backup made by the GDBackup.cmd command.

NOTES:

1) do not move the CMD folder from its location.



The image shows a screenshot of the 'GD Export' dialog box. It contains the following fields and options:

- SQL Server:** TISQL2\GDSQL
- Login:**
 - ☐ Use Windows Authentication
 - ☒ Use SQL Server Authentication
 - User ID: sa
 - Password: [redacted]
- Management list (DB):** GDDCESE_EN
- Operation:** Archive company data
- Storage parameters:**
 - Historic: GDDCESE_ENSTORICO
 - Date: [empty field]
 - No Stocks: ☐
 - end Year: ☐
- Buttons:** Confirm, Exit

2) The scheduled operation is not supported by Windows 2000 or earlier systems.

It is possible to generate a different file for each management, each Backup and Restore file is preceded by the name of the Selected management.

The "Archive management data" item activates the "" section **Storage parameters** where it is possible to specify:

- Name of the historical database: (in this box the name of the historical database composed by <current management name> + HISTORY is automatically proposed. the GD management is selected the name GDSTORICO will be proposed automatically.

- Filing date

Procedure for storing management data:

It is possible to archive the work data of the current management by moving all the movements prior to the date indicated in a different database that can be opened as a separate management and creating, in the current database, the reopening movements that simulate the previous stocks of deposits and vans (for id / a there is no actual stock as the analyzes always work on the historical of the movements and there are no consolidated stocks). This allows you to leave only the last working period in the current archive, but obviously you must keep in mind that after archiving:

- Any overall analysis of periods over the archiving date must be done twice (once on the old and new management)
- The ACC and all the mechanisms that are based on currently used historical data will no longer have the updated data available
- In the site accounting sheet, any balances at the renewal date are set as the previous balance (ie the detail is no longer available but can obviously be verified in the historical database)

Important notes

The user must be informed of the fact that he absolutely must not make changes to the historical archive, let alone open routes in the historical archive, otherwise the data will be lost and the corruption of the baseterm for any open routes

Operation

It is possible to create a new archive in which all data is moved up to a certain date or otherwise appended to an existing historical archive. All information is modified in accordance with the current archive, which remains the one used for the daily work and in which simulated stock loading movements are created on the date on which the operation is performed, which allow for having the correct stocks in the deposits.

In the historical archive (in practice it is as if it were another management) all the information ends from the date of the first movement up to the filing date included.

The operation is repeatable since if the historical archive in which the archive already exists (I have already archived it at least once) the movements resulting from today's storage are appended to those present. So the historical archive remains only one and can be used for analysis from the night of time to the last storage, while the current one remains the one to be analyzed for the last months.

Since obviously GD does not use the historical archive but the current one, if you archive all the movements to yesterday, many functions will be compromised (the Automatic control first of all) since it is based on historical data that are no longer present as well as any analysis / historical report on the archived period. The same report / analysis will instead be identical and correct if done on the historical archive.

From the point of view of the site balances (typical case Kit to pay) the archiving converts the entire previous history into the current archive (the detail is always available in the historical archive).

Therefore it is worthwhile to rejuvenate according to one's own needs (tendentially fall below the previous three months is risky especially for the CAC).

The only real disadvantage of rejuvenation is that if we want to analyze a period that includes a part of historicized dates and one that is still present in the current archive, we must do the two analyzes separately and then add the information. The document numbers and the lap counter are normally not reset (this is done only if the FINEANNO option is included as described below)

- *If the historical archive does not exist, subject to confirmation, it is automatically created.*
- *The renovation of the archive must be done at closed routes and the original Data Base must not be corrupted.*

Example:

If the archive is called GD and the historical archive GDSTORICO and we want to archive all the movements of the GD archive until 31/12/2005, after executing the command Archive data management we would result in the following data in GD at 01/01/2006 and in GDSTORICO all the data prior to 01/01/2006.

ATTENTION: the program together with the filing date also controls the highest route number that corresponds to that date, so it is advisable to check which date to choose for archiving.

There are two further options (non-primary) that can be specified after the historicization date:

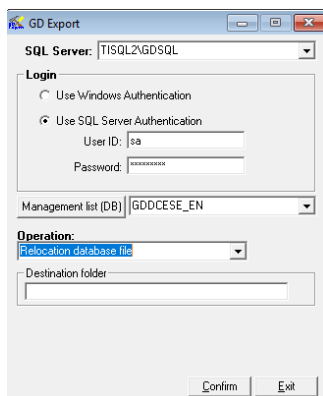
- Check **No Stocks:** (excludes stock recalculation).

Performs the operation without creating the reopening movements of the deposits (in practice, the deposits start with stocks at zero and can be useful only for those who have not aligned the stocks of deposits - that is, did not load the products)

- Check **End of Year:** (activates year-end closing operations).

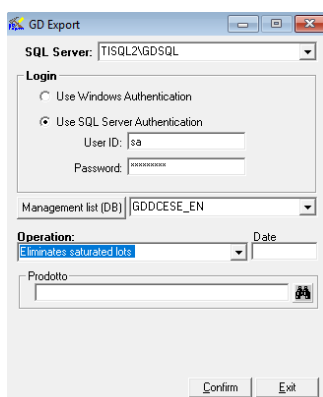
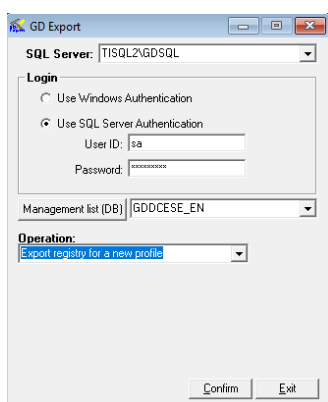
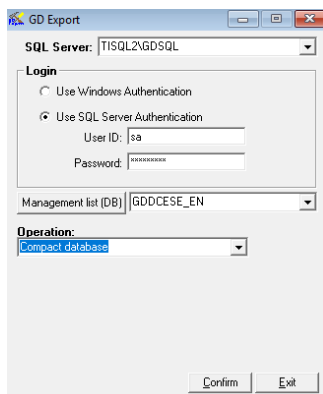
Returns the lap counter to 1 and resets the numbers of the documents issued (it should only be used if, in general at the end of the year, you decide to rejuvenate and start from scratch by saving the story). We

recommend making a database backup before executing this operation



The "**Database file relocation**" item is an administrative tool that allows you to move physical files to a different folder, this operation is to be used only in those cases in which the database has been installed in a partition with insufficient space.

Insert the new partition in the appropriate box (eg: if the database is physically located in partition C: with insufficient space and you have another partition eg: E: with more space, typing E: in the box and pressing the "Confirm "The



physical files of the database will be moved to the folder E: GDSQLDATA which will be created automatically).

By selecting the "**Compact database**" item and pressing the "Confirm" button, the selected database is compacted.

This procedure deletes any duplicate codes of free sites and also eliminates products that have no price entered in the sales lists and those products that have been eliminated.

The item "**Export registry x new prof.**" facilitates the Export / Import of the GD configuration from an existing user profile to a new one, to facilitate the configuration of new Windows user profiles on a computer that already uses GDSQL.

Enter the profile where GD is already used.

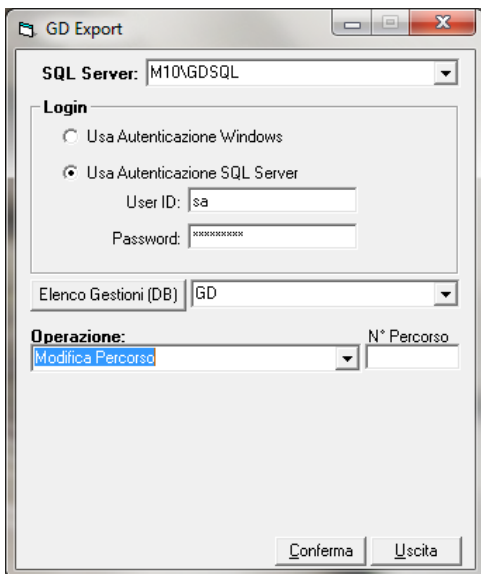
Start GDExportSQL by double clicking on the relevant file in the GD directory and select the "Export registry for new profile" item in the list of operations.

This causes a file with all the information called GDRegistrySettings to be saved in the GDSQL directory

Enter the new user profile. Start GDSQL from the icon.

After entering the license data, the program asks if you want to import the configuration from the GDRegistrySettings file, also showing the date and time information. Check that it is the file you just exported and then confirm the import. GD exits and all data in the original profile is imported into the new one.

The item "**Delete saturated lots**" allows to delete from the database the information related to saturated lots up to a certain date indicated by the user.



GD Export

SQL Server: M10\GDSQL

Login

☐ Usa Autenticazione Windows

☒ Usa Autenticazione SQL Server

User ID: sa

Password: xxxxxxxxxxxx

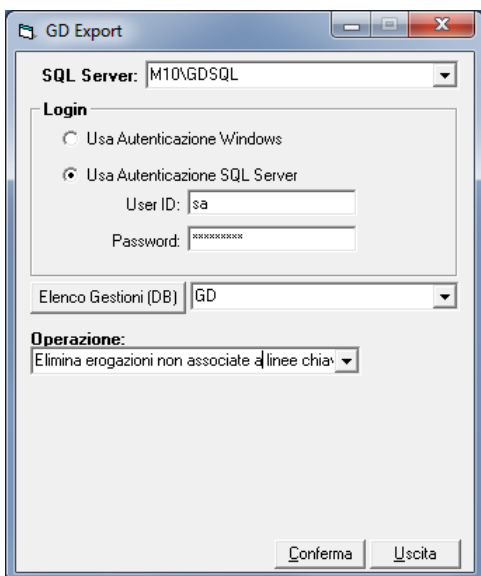
Elenco Gestioni (DB): GD

Operazione: Modifica Percorso N° Percorso

Conferma Uscita

The **"Edit route" item** allows, for the selected route, to modify all the dates of the visit and the operator who performed it. Once the route has been selected by entering its number, a screen is loaded showing all the information on the route itself and the date (s) present. For each date you want to change, type the new date in the column. At the end press confirm.

If you want to change the operator just choose the new operator and press Save.



GD Export

SQL Server: M10\GDSQL

Login

☐ Usa Autenticazione Windows

☒ Usa Autenticazione SQL Server

User ID: sa

Password: xxxxxxxxxxxx

Elenco Gestioni (DB): GD

Operazione: Elimina erogazioni non associate a linee chia: ▼

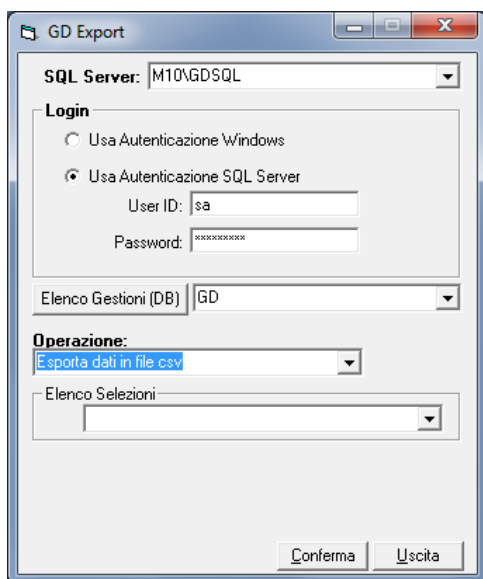
Conferma Uscita

The item **"Delete supplies not associated with key lines not linked to"** allows disabling of the dispensing products price lines.

In GD, if dispensing products (counters) are associated with the dispenser types, it may happen that you have counters enabled for the individual machines which, since they are not available on payment systems, are transferred to hand-held devices for manual measurements, which often slow down the data transfer and management, can create confusion in shippers. Through this function the counters that do not have at least one payment system line associated are disabled on the dispenser, but can obviously be reactivated if necessary.

The TAKINGS product, the COUNTER / TAKINGS product and the Batt product are excluded. Tot. V/M specified in the Automation of the general settings that are always left enabled regardless.

Attention, check the general settings for this purpose before executing the function

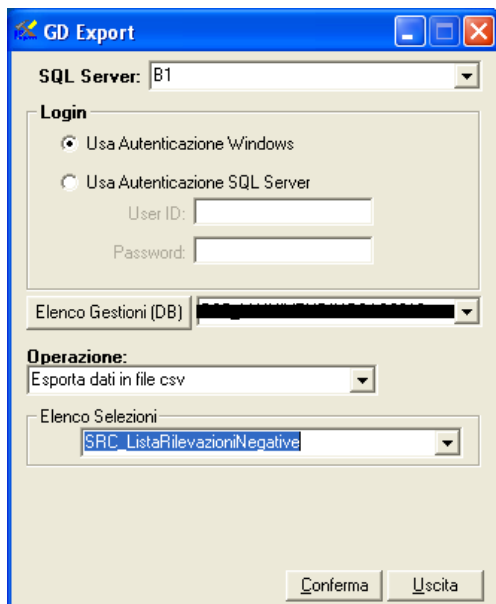


This Option can be used to export all data not covered by GD processing into Excel.

The "Export data to csv file" item activates the "Selection list" item which allows you to choose a source sql file containing the data selection query. By giving Confirmation, a text file is generated with the same name as the file containing the selection query and .csv extension.

At each startup the program checks for the existence of the SQLEXPOT and SQLSOURCE folders in the installation folder and creates them if they do not exist.

In the SQLSOURCE folder the sql file must be found with the selection query, in the SQLEXPOT folder the .csv files are created. Exporting csv files with Registries for data exchange between GD databases



Exporting csv files with Registries for data exchange between databases GD

GD has always allowed you to import the registries files created by other management using the appropriate format defined in the manual and the functions present in GDAdmin / Management / Import CSV data.

From this version there are also exports in CSV format to create the files of customers / sites, dispensers and suppliers in the GD database to be imported later.

One of the typical uses of this function is to upload the registries from another GD management to a GD database of a new company.

The three new exports available are:

SRC_EsportaFornitori.sql

SRC_Esportadispenseri.sql

SRC_EsportaClienti.sql

and can be called up from gdxportsql choosing the Export data to CSV function

Control of systems that have transmitted negative data

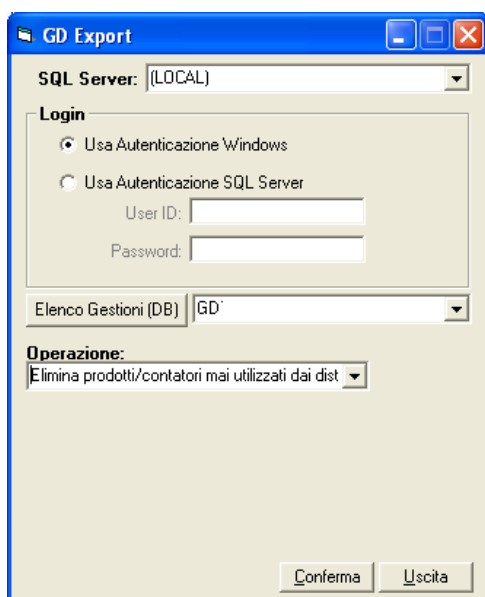
Following also the end of summer print campaign, the On the occasion of the recent General States of Vending in Rome, AdE Italian

Government Agency reported that the data transmitted relating to the payments are substantially of good quality with low percentages of rejects and even lower percentages of negative values not expected.

GD implements from the first version, with the functions of management of payments, control systems and highlighting of negative data and any data out of range, typically linked to firmware of payment systems not updated or similar cases.

In particular, the "Daily Summary" display in the GDAdmin function "List of sent payments and sending logs", allows day by day to check the situation (for all detailed information, see the manual or the related update bulletins for previous versions). In any case, to perform a downstream check of any negative data, and to identify any payment systems to be controlled, from this version there is a new export of data in CSV (Excel) that can be called up by GDExport, also taking advantage of the new features display of GDExport itself.

To execute the operation, start GDExport by double-clicking on the `gdexportsql.exe` file, select the "Export data to csv file" operation and in the selection list, select the "SRC_ListaRegistrazioniNegative"



entry The "**Delete products / meters never used by dispensers**" item it can be used to eliminate in a single operation all the products / counters associated with each individual dispenser installed and moved at least once. It allows to delete from the product list that appears in the delivered / picked up the items never used reducing the volume of the archives sent to the PDAs, if initially the counters of the total beats, coffee group and water group, Built-in and built-in counter-meters were set up GD automations are not eliminated, however,

Optional add-on modules

GD ERMChain

The accounting connection with GD dispenser management

The general accounting and administration coordinated with GD - Vending Machine Management

From version 6.5 all the basic functionalities of GD ErmChain with the exception of the Acquisition of coin counting and those relating to export / import of data to other accounting systems, have been made accessible to all GD users, even those without a module authorization.

GD ErmChain allows you to manage: financial movements (cash / banks and connections with counters), active / passive payment schedules and other administrative formalities

GD ErmChain allows you to coordinate the main economic and financial accounting movements with the open administrative procedures, or that offer them similar connection options also for management control via **GD BI**

GD ErmChainentry transactions exports double-related to: active and passive invoices, payments, receipts, coordinating customer and supplier records, including the account code for the plan of accounts adopted in the administrative procedure

GD ErmChain can also be used independently as a liaison with the tax advisor, allowing you to place the summary of accounting movements prints

GD ErmChain allows you to prepare data (files) to be sent electronically to public and private organizations

Target Computer strong of the plurienna the experience in the supply of management software, always offers **Passepartout**, one of the most widespread administrative procedures in the national territory, to further complete its offer of business solutions for vending

GD BI

The Business Intelligence for the vending company

The total volume of data available within the vending company it is often impressive, but nevertheless the mere availability of this information is not sufficient to guarantee the company a certain margin of competitive advantage.

Only with access to hidden knowledge will it be possible to exploit the data available for have a clear picture of the market and of the same business performance

In today's market scenarios, reactivity is required only with a timely and accurate view of how the entire company operates.

To be successful, vending companies must now be able to easily access and quickly to information on its economic and financial status, on the market, on the resources used daily to realize its business

GD BI allows to monitor all the main parameters of the business of the company from the general vision of economic and financial performance, to the detailed analysis of particular dynamic

GD BI makes available the trends over time of economic, financial, commercial, operational, technical, quality management, customers, sites / sales points, dispensers, products, operators, technicians, highlighting, through the personalized management of attention threshold values, the points to monitor and intervene on, both immediately and for the future

In **GD BI** the graphical representations of the data can be organized in dashboards (synthetic views) in order to highlight and / or monitor particular situations and / or attention dynamics

In **GD BI** simplified aggregation, navigation and display features information, make the state of health of the business immediately and effectively, substantially reducing the timing of analysis, decisively increasing the responsiveness of the company management to the market variables

With **GD BI** the company management can immediately take note of any critical issues and related corrective activities, promptly starting the operational phase

GD BI uses the most modern software technologies made available by Microsoft SQL Server.

GD Map

GD Map is immediacy in the control and in the management of the territory

GD Map allows to optimize the Management through the organization of the routes of the operators and the reorganization through the subdivision in sectors or zones of the sites or points of sale of the customers

This possibility is offered by use of Microsoft® MapPoint® 2002 software, which allows the management of European maps complete with road detail.

The type of use is essentially logistical, organizational and geostatistical, both for operational and commercial purposes.

A necessary condition for the use of all GD Map functionalities is the positioning of the locations (sites, sales points) of the customers on a topographical map, activities carried out automatically or semi automatically by means of powerful auto-location algorithms even for hundreds of addresses

GD Map allows you to check the route structures or daily routes created in GD - Management dispensers, to monitor the du planned rate (including stops), improving the sequence of visits, based on route optimization criteria

GD Map allows you to view customer zones on a map and reorganize their composition (the sites or sales points that are part of it) based on of the desired criterion, rebalancing the coverage of the territory in order to better control its commercial profitability.

GD Track SW

Safety and control of vehicles in the territory

GD Track is GPS / GSM / GPRS / Bluetooth technology concentrated in a single device

GD Track completely integrated in GD dispenser Management through the combined use of GD Map and GD Mobile, completes the solution for the vehicular control specifically designed for vending, allowing the satellite tracking of the vehicle's position (GPS) and the communication with field personnel

GD Track is transport safety, through monitoring and alarm functions of unauthorized use of vehicles

GDTrack is logistic optimization, allowing the verification of the consistency of the real itineraries with those expected and the consequent better management of company resources

GD Track is quality of service to customers, improving the timeliness and certainty of technical and commercial interventions, which can be managed in real time by the central based on the exact position of the vehicles

GD Track, through Bluetooth technology, communicates directly with the new terminals based on Pocket PC or Windows CE systems, allowing them to manage SMS messages sent to the personnel by the central unit or the use of satellite navigation software

GD Track is set up for application of temperature sensors or other detectors, translating the information automatically available on the vehicle into timely reports to the control unit

GD Track, in line with the Target Informatica software philosophy, it has been designed as a flexible tool, useful for understanding the present and future needs of vehicle control and communication of GD users dispenser Management

GD WebEx

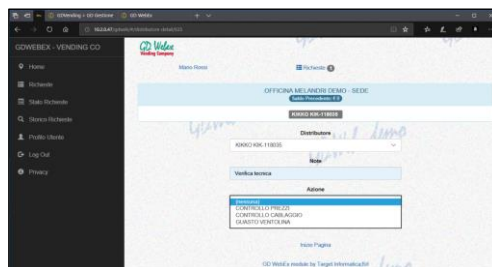
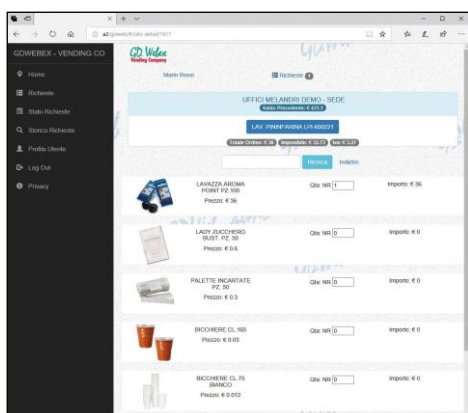
When the presence on the Internet is not only a showcase but an open door to the market

The module **GD WebEx** has been completely rewritten and is now the interface to the Internet of GD - Vending Machine Management: for this reason from 2016 also includes the license of GDMobile and GD Remote, previously sold separately. GD WebEx Also includes the GDMessenger for Android.

GD WebEx consists of a flexible web form developed using the latest software technologies, which can be easily installed in any pre-existing company website or as part of a new project managed by Target Informatica, through which the prospective customer can make a first contact informative with the company and the actual customer, by accessing a reserved area, it can directly forward requests for technical and commercial intervention and orders for the supply of products and services.

In **GD WebEx** the customer finds his own situation in terms of installed dispensers and products supplied, forwarding your requests without the risk of misunderstanding, certain that your reports will be promptly received

GD WebEx contributes to customer loyalty and the reduction of management costs of technical and commercial interventions, avoiding any misunderstandings related to the telephone communication of requests and reducing the necessity of dedicated personnel to phone support



GD Remote

The remote connection of the operators on the territory

GD Remote realizes the remote connection of operators acting on the territory, allowing them to operate the same way as colleagues who fall periodically in the seat at the end of activities

With **GD Remote** the operator can ultimately work autonomously with his own portable terminal, using an internet connection to coordinate his data with those of the head office at the end of the activity.

The operator does not necessarily have to have a personal computer, as the endowment of a terminal, modem and a common telephone connection is sufficient for connection to the central office

Coordination and control of the work of the operators even at a great distance, timeliness in collecting information on deliveries, interventions etc., these are some of the advantages that **GD Remote** leads to management activities spread over areas geographic heterogeneous

GD Mobile / GD Messenger

Timeliness and reliability in communication with operators and technicians

The kit **GD Mobile** allows, via a GSM modem (included in the kit) to send via SMS, to one or more operators in sequence, directly from the management mask of the requests from GD customers - dispenser Management, the exact key information on the request made by them (technical intervention, order, etc.), in order to start the related activities in the field, reducing response times and avoiding costly misunderstandings between headquarters and operator due to the volatility of the telephone conversation

In the customer requests input form, a 'Notify' button is displayed, pressing which accesses the template for sending the message

The SMS message contains the call code, the location code and the description of the intervention to be carried out

The operator with a portable terminal can, by entering the codes contained in the SMS on the terminal itself, insert the call among the activities foreseen in its work program, managing at best the intervention whose reporting should not be lost so

GD Pay per Use

In order to make the use of GD shops, GD1 and GD standard on personal computers more flexible, it will be possible to enable multiple PC licenses in **Pay per Use (PPU) mode**, or based on the actual time use of the software (fixed-term license)

The Pay per Use mode will be available only to **GD Shop, GD1 and GD standard customers** covered by a service contract and through a pre-accreditation of at least € 30.00 including VAT (price list valid from 01/05/2018), equal to 10 hours of use (accounting per minute) to be carried out via online payment directly from GD.

The credit can be loaded by credit card, PayPal or even voucher provided by us.

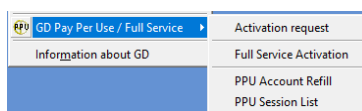
Each invoice will be followed by a regular invoice. The

entire process is managed via the internet, therefore it is necessary to be connected throughout the use of GD Pay per Use

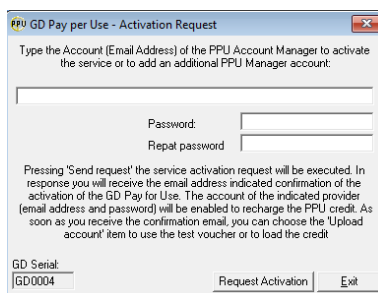
Activation

The PPU function must first be activated by making an activation request and indicating an account (address email) and a password for the account manager, or for the one who will be able to upload credit.

The request can be made by GDAdmin / Menu "?" / Pay per Use if you have your email address (or in any case a valid and active email address) to use it as a manager account.



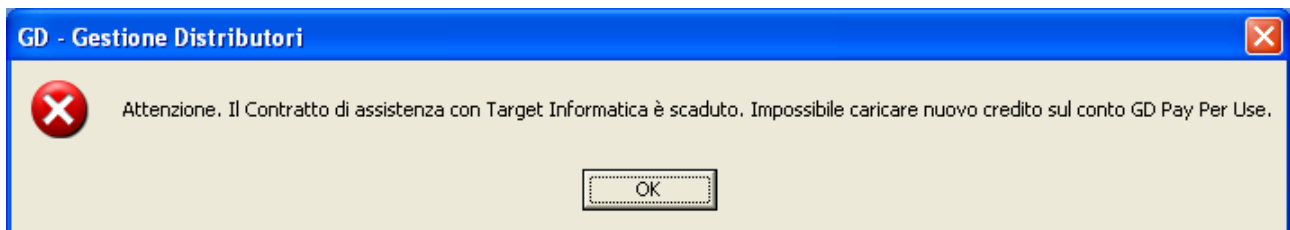
This account will also be enabled to use the service, once Target Informatica has confirmed activation via email.



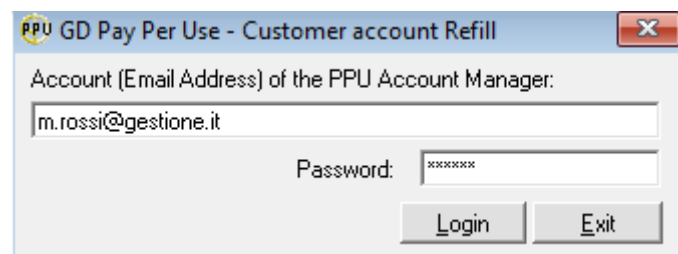
If necessary, additional manager accounts can be requested later by repeating the activation request process, as the manager accounts must always be activated by Target Informatica. Additional normal user accounts, if required, can be created independently within GD (see next paragraph).

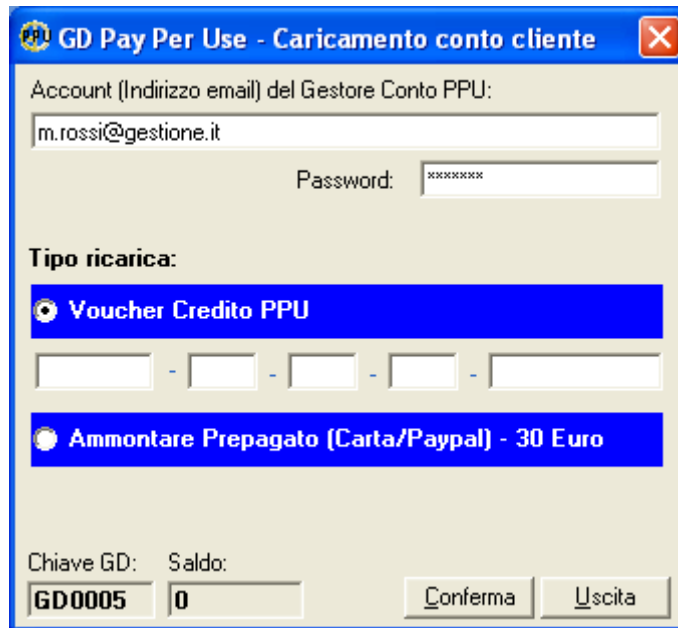
NB: To activate the service and to load the account, it is **NECESSARY** to be covered by a product update and assistance contract (GDAdmin checks directly before to have access to the form)

If the aforementioned contract has not been renewed, it is still possible to use any remaining credit until exhaustion.



Once you have received the confirmation email of the activation to the address of the manager, you can access the loading of the account through the appropriate function. First of all you must log in with a valid account manager and then choose the desired loading method (voucher or PayPal purchase).





Account (Indirizzo email) del Gestore Conto PPU:
m.rossi@gestione.it

Password: xxxxxxxx

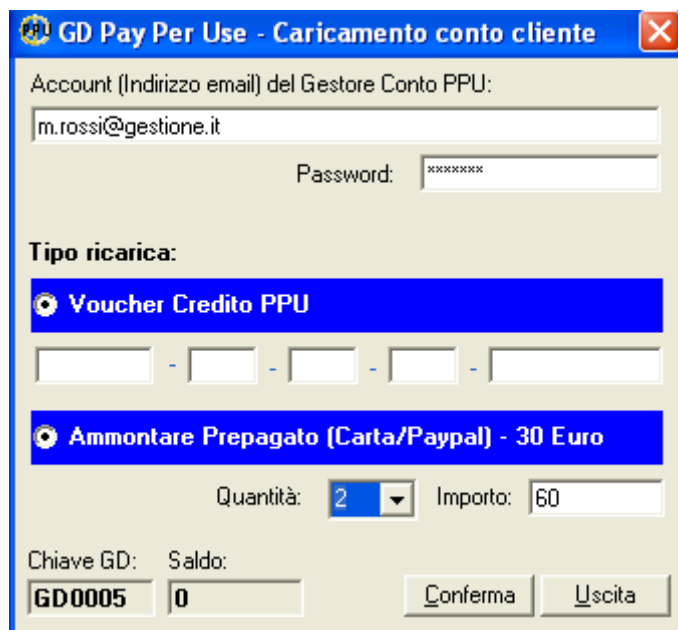
Tipo ricarica:

☒ **Voucher Credito PPU**

- - - -

☐ **Ammontare Prepagato (Carta/Paypal) - 30 Euro**

Chiave GD: Saldo:
GD0005 0



Account (Indirizzo email) del Gestore Conto PPU:
m.rossi@gestione.it

Password: xxxxxxxx

Tipo ricarica:

☒ **Voucher Credito PPU**

- - - -

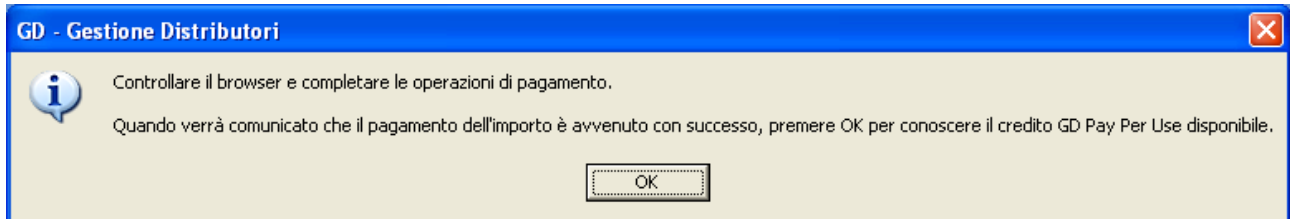
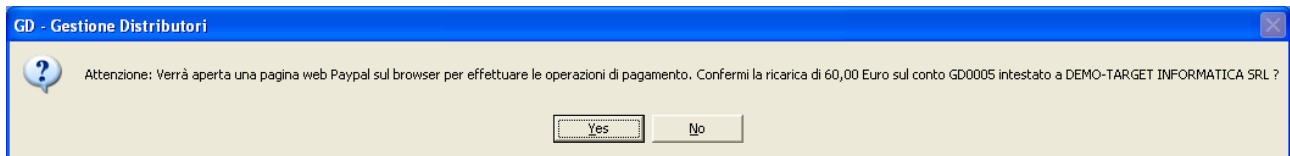
☐ **Ammontare Prepagato (Carta/Paypal) - 30 Euro**

Quantità: 2 Importo: 60

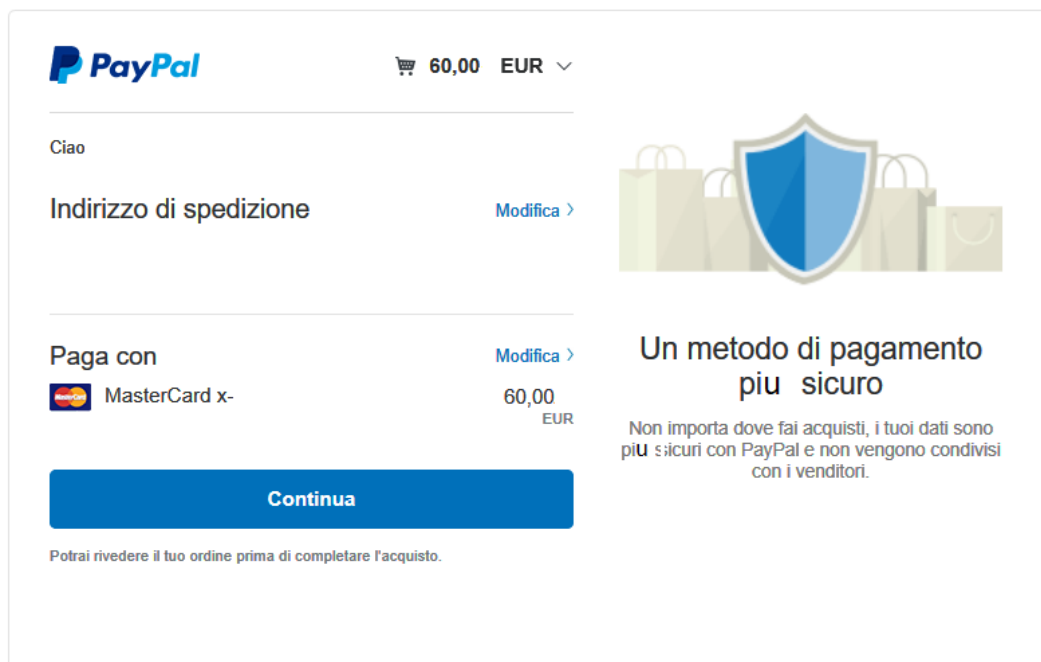
Chiave GD: Saldo:
GD0005 0

In the case of loading by voucher, the equivalent value is immediately loaded on the account, while in the case of use of PayPal (or even just credit card or without having to create a special profile / PayPal account) you need a step through the PayPal web application in order to ensure the security of transactions.

Confirmed the amount by GDAdmin, the following box is shown and the web browser is automatically opened to the page for access to PayPal. The payment process is entirely delegated to the PayPal secure platform: GD PPU awaits notification of payment.



Once the choice to use the card without PayPal account option, or by logging into your PayPal account, you will see one like this screen



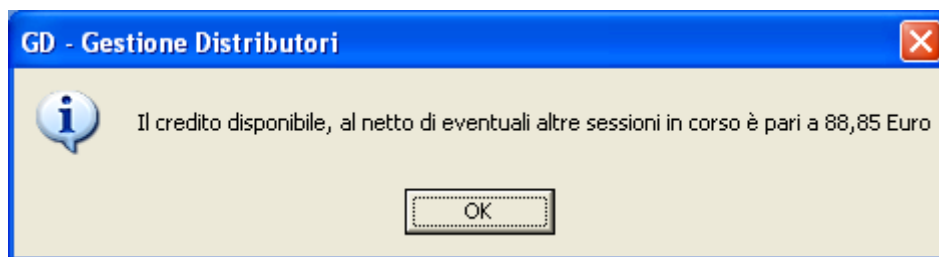
Upon confirmation of payment appears in the following and the corresponding receivable browser page is loaded into account PPU

GD Pay per Use

Il pagamento di 60,00 Euro è stato eseguito con successo.

© 2018 - targetinformatica srl

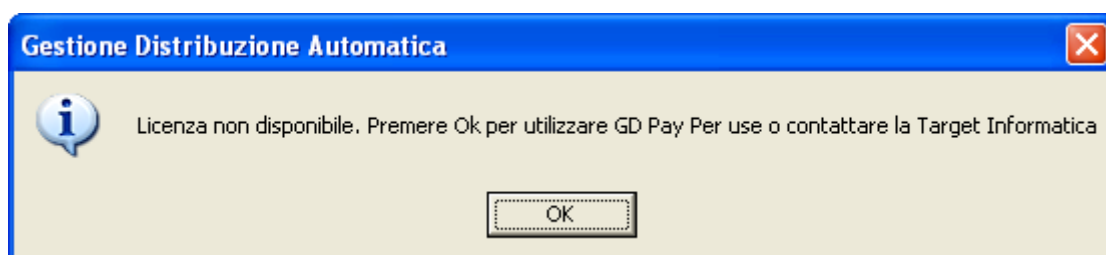
Now you It is possible to close the web browser and returning to GDAdmin and pressing OK the new total available credit is communicated (net of any ongoing sessions)



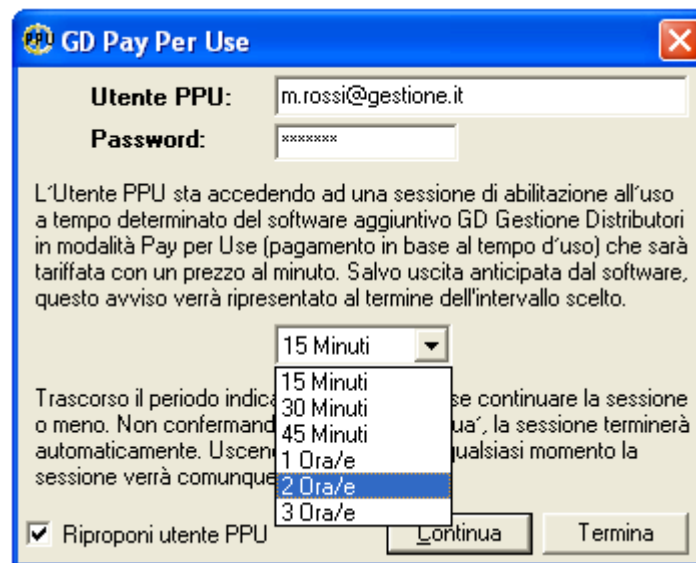
Use

The operation of the GD Pay per Use license is equivalent to the traditional PC, in the sense that it is committed to first entry in GD or GDAdmin on the machine and is released when the last application between GD and GDAdmin on the machine is closed. Both the PC that performed the session and the account indicated at the time of access are tracked. The calculation of the cost and the related charge is made based on the minutes of actual use.

The operation is very simple: from version 6.5, when free PC licenses are not available, the "License not available" box appears but you are informed of the possibility of using the GD PPU.



Pressing OK displays the box for any access to the GD PPU license. By subsequently entering the user and password and pressing Continue it is possible to log in, while with the End key, you choose not to use GD PPU.



As you can see, it is possible to set at the time of access the maximum duration of a session; if you do not exit the applications before the indicated interval, the system closes the session anyway and shows the access box again, blocking any activity.

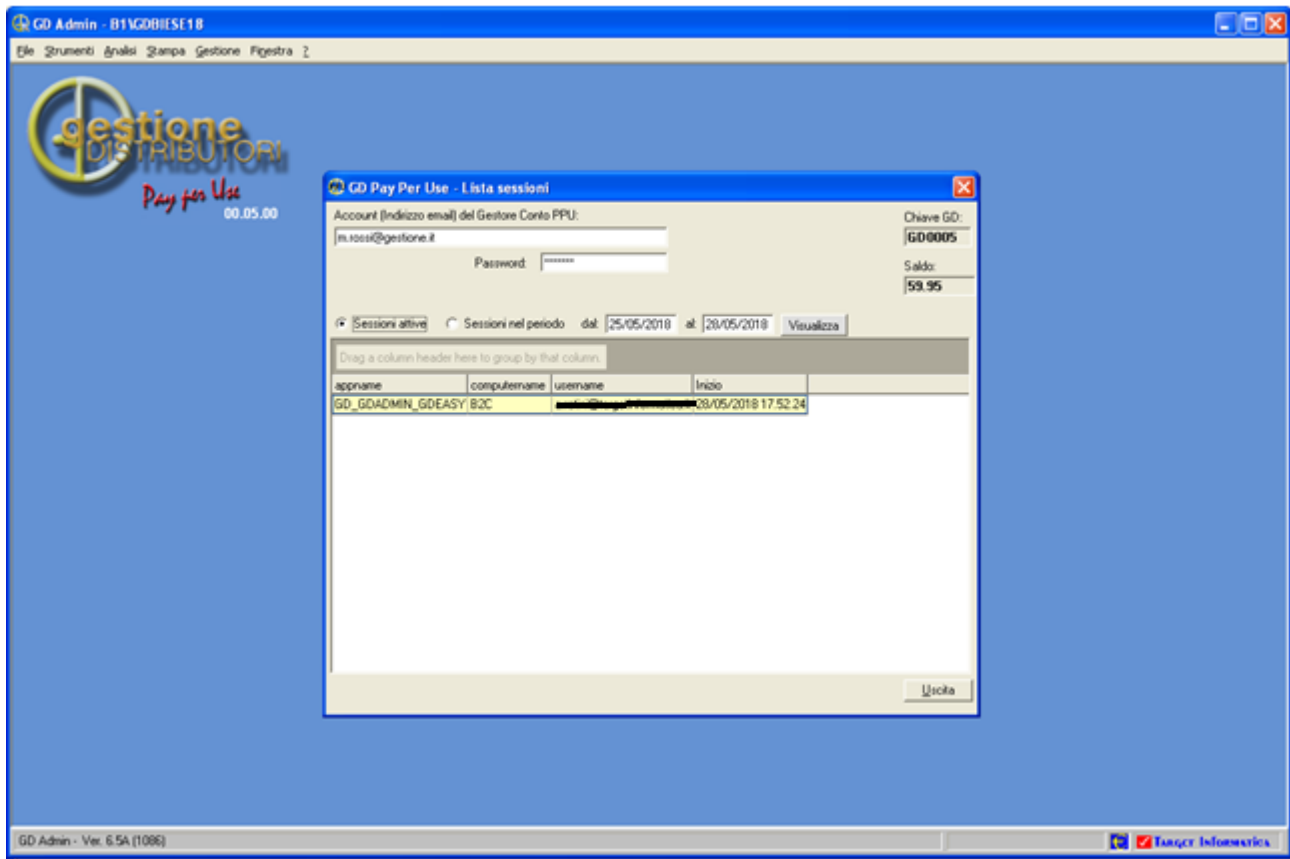
It results that the time set at the time of access is the maximum time set for that session.

During PPU mode, it is always clear that you are working in Pay per Use and the duration of the current session is always well highlighted.



If you log in with the manager account, you can view the list of previous sessions and the remaining credit, net of the currently open sessions (which are displayed but are only valued at the time of closing).

By default you can view the last 3 sessions days, but just set the desired interval and press view to get any other details.

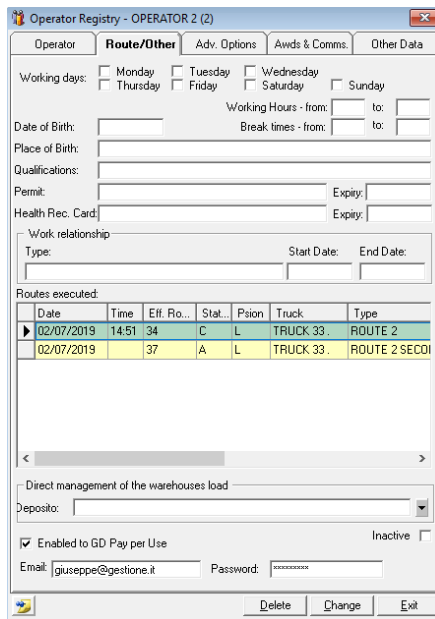


Additional accounts for using GD Pay per Use

As mentioned, each session is recorded with the start and end time, the PC used and the account used for access. It is quite clear that in larger realities it may be useful to understand, regardless of the PC, who used the GD PPU license.

To allow this, once GD PPU has been activated and the first Manager user has been created, it is possible to create additional GD PPU accounts (email address and password) from the GD operator card that can be used to log in to the GD PPU. These accounts cannot upload credit or view session information.

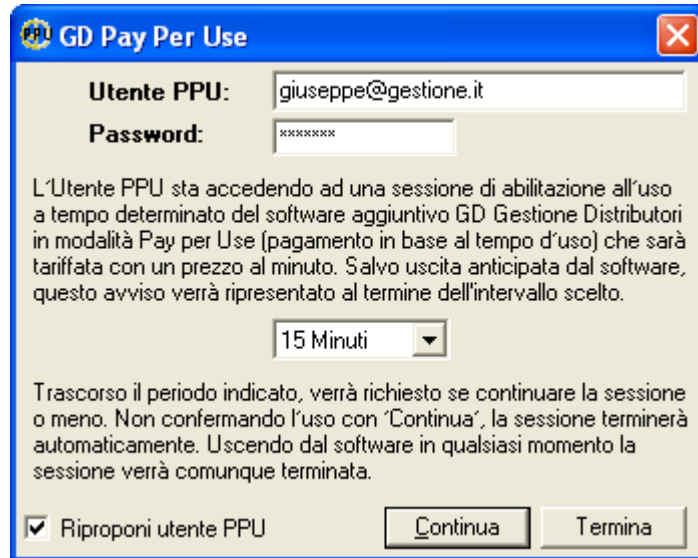
As a result, in small companies it is possible to use a single account for any operation, while in more structured areas each operator authorized to use GD Pay per Use can be adequately monitored.



Date	Time	Eff. Ro...	Stat.	Poion	Truck	Type
02/07/2019	14:51	34	C	L	TRUCK 33.	ROUTE 2
02/07/2019	37	A	L	L	TRUCK 33.	ROUTE 2 SECOI

If you create more GD PPU users connected to the GD operators, when you log in to the management software, the one connected to the GD PPU account will be offered as the default user in the classic access box. In the absence of this GD will continue to propose the default operator specified in the General Settings.

For example, after configuring the operator like this, logging in to GD PPU with the account



GD Pay Per Use

Utente PPU:

Password:

L'Utente PPU sta accedendo ad una sessione di abilitazione all'uso a tempo determinato del software aggiuntivo GD Gestione Distributori in modalità Pay per Use (pagamento in base al tempo d'uso) che sarà tariffata con un prezzo al minuto. Salvo uscita anticipata dal software, questo avviso verrà ripresentato al termine dell'intervallo scelto.

▼

Trascorso il periodo indicato, verrà richiesto se continuare la sessione o meno. Non confermando l'uso con 'Continua', la sessione terminerà automaticamente. Uscendo dal software in qualsiasi momento la sessione verrà comunque terminata.

☒ Riproponi utente PPU

The next login box will automatically propose the connected GD operator, ie:



GD Login - Pay per Use attivo!

Operatore:

Password: *Pay per Use*

Accesso al programma GD.

Prego selezionare l'utente, digitare la password e premere Conferma.



NB: The beginning of the session corresponds to the moment in which access to the GD Pay per Use service is confirmed, which is therefore already active when the classic box is shown of access (GD Login).

APPENDICI

Different types of installation

1. Installation of a customer with a kit dispenser given on loan (or rental), with product sales and issuing of non-tax tickets with product details.

In this type of installation the product is sold to the customer who pays a payment equal to the price of the products delivered. By entering a customer request, the ticket can be issued at the start of the tour (to have this it is necessary that the general option "Issue delivery bills for orders without invoice" is enabled).

On the terminal the operator can print or not a delivery ticket and can record the payment, possibly also of the previous balance. If desired, the terminal operator can issue and possibly print an administration invoice, with prices and VAT rate of the administration, but for an amount equal to the amount paid by the customer. In this case the invoice is printed with a standard wording without indication of the products.

However, the beat counts can be recorded for analysis with GD Admin.

The main information needed is:

Customer	Minimum master data
Amounts	Based on the delivered products
Billing	No Administration
Desired price list	Description in the Designation
Site	Minimum master data Area of competence LHA Price list to be used at the site
Products to sell	Minimum master data Supplier / s
Number	of Beats Used for calculating theoretical beats in GD Admin
Special product (beats)	Named "BATT TOT V/M" for registration of the strokes of the stroke counter (already present in the basic archive supplied with GD)
Type of dispenser	Minimum personal data The association with the products and / or product families that can be sold on the machine and with the BATT TOT product. V/M for the recording of the bars countshits
dispenser	Identifier Type of dispenser Customer site whereare installed
Calculation payments	Depending on the products delivered
Billing	NoAdministration
Managed Products	enabled Thatthose who actually acting within the customer buys the products processed on the dispenser
selling prices	in the above mentioned list, the prices for the products sold in the column (<i>Comod / Nol</i>) group <i>Administration</i> . Attention: The price must not be present in the BATT product. TOT. V/M

NB: in the case of a dispenser Sold to the customer and therefore owned by the same, the column of the price list used is not the one *Comod / Nol* but the one *sold*. All the rest remains unchanged.

2. Installation of a customer with a kit dispenser given on loan (or rental), with product sales and invoice issuing of services with product details:

In this type of installation the product is formally loaded on the dispenser, but in fact it is sold at customer who pays a payment equal to the price of the products delivered. By entering a customer request, the invoice can be issued at the start of the tour (to have this it is necessary that the general option "For orders at the start of the tour issues Accompanying Invoice" is enabled).

On the terminal the operator can record the payment, possibly also of the previous balance and, if he wishes, and if it has not been previously issued, he can issue and possibly print a Sales Invoice for the products. In this case the invoice is printed with the list of products; otherwise, a cumulative deferred invoice may be issued by the registered office later.

However, the beats of the counter can be recorded for analysis with GD Admin.

The main information needed is:

Customer	Minimum personal data
Amounts	Based on the products delivered
Billing:	Yes Invoicing
Desired price list:	Description in the Designation Price lists
Site	Minimal master data
	Zone
	of competence LHA
	Price list to be used at the site
Products to sell	Minimum master data
	Supplier / s
Number	of Beats Used to calculate the theoretical beats in GD Admin
Special product (beats)	Named "BATT TOT V/M" for the recording of stroke counter strokes (already present in the basic archive supplied with GD)
Type of dispenser	Minimum master data
	Association with products and / or product families sold on the machine and with the BATT TOT product. V/M for logging beats
dispenser	Identifier
	Type of dispenser
	Customer site where it is installed
Calculation of payments	Based on the products delivered
Billing:	Yes Billing
Managed products enabled	That is, those that actually that customer purchases in the suit of products that can be managed on that dispenser
Sales prices	In the above-mentioned price list, the prices for the salable products, in the column (<i>Comod / Nol</i>) of the group <i>Billing</i> . Attention: The price must not be present in the BATT product. TOT. V/M (that is this type of dispensers requires a different price list from the one used for the sales at jokes).

NB: in the case of a dispenser Sold to the customer and therefore owned by the same, the column of the price list used is not the one *Comod / Nol* but the one *sold*. All the rest remains unchanged

3. Installation of a customer with a kit dispenser given on loan (or rented) with payments deriving from the number of beats recorded for the joke price, using the administration price list.

In this type of installation the product is loaded on the dispenser, but the customer pays a payment deriving from the number of beats registered by the operator for the price per beat (price of the product "BATT.TOT.D / A" in the price list selected in the column *Comod / Nol* of the group *Administration*), and not based on the products delivered.

On the terminal the operator can record the payment, possibly also of the previous balance.

If desired, the operator from the terminal can issue and possibly print a ticket for the amount owed.

The main information needed is:

Customer	Minimum personal data,
Fees	Based on the total dispenser jokes,
Billing:	NoAdministration
Pricedesired	description in the Name Lists
Site	Minimum master data Zone, relevant ASL Price list to use at the site
Products to sell	Minimum master data, Supplier / s
Number	of Beats Used to calculate the theoretical beats in GD Admin
Special product (beats)	Named "BATT TOT V/M" for recording of measures and calculation of payments (already present in the basic archive supplied with GD)
Type of dispenser	Minimum personal data, The association with the products and / or product families that can be sold on the machine and with the BATT TOT product. V/M for the recording of measures and the calculation of the fees
dispenser	Identifier, Type, Customer site where it is installed,
Calculation payments	Based on the total number of dispensers,
Invoicing	No Administration,
Managed products enabled	Or in the dress of the products manageable on that dispenser those that actually that customer buys BATT TOT Product. V/M enabled
Sales prices	In the above price list, the price of the BATT product. TOT. V/M in the column (<i>Comod / Nol</i>) of the group <i>Administration</i> . Attention: The prices of the products loaded on the vending machine must not be present in the price list (ie this type of dispensers requires a different price list from the one used for the sale of the products).

NB: This type of configuration can be used by replacing the BATT product. TOT. V/M with the BATT product. GR. COFFEE or BATT. GR. WATER to make the customer pay only for the jokes related to products consumed using the coffee group or the water group of the dispensers.

NB: in the case of a dispenser Sold to the customer and therefore owned by the same, the column of the price list used is not the one *Comod / Nol* but the one *sold*. All the rest remains unchanged

4. Installation of a customer with a kit dispenser given on loan (or rented), with payments deriving from the number of beats recorded for the price of the bar, using the invoicing list.

In this type of installation the product is loaded on the dispenser, but the customer pays a payment deriving from the number of beats registered by the operator for the price per beat (price of the product "BATT.TOT.D / A" in the price list selected in the column *Comod / Nol* of the group *Billing*), and not based on the products delivered.

On the terminal the operator can record the payment, possibly also of the previous balance and, if he wishes, he can issue and possibly print an invoice for the amount due; otherwise a deferred invoice may also be issued by the registered office.

The main information needed is:

Customer	Minimum personal data,
Fees	Based on the total number of dispensers,
Billing:	YES Invoicing Service
Desired price list	Description in the Name of the
Site	Minimum master data Zone, competence LHA Price list to be used at the site
Products to sell	Minimum master data, Supplier (s) Number of beats (used to calculate the theoretical beats in GD Admin)
Special product (beats)	called "BATT TOT V/M "For the recording of measures and the calculation of the payments (already present in the basic archive supplied with GD)
Type of dispenser	Minimum personal data, The association with the products and / or product families sold on the machine and with the BATT product TOT. V/M for the recording of measures and the calculation of the fees
dispenser	Identifier, Type, Customer's site where it is installed, Calculation of payments based on the total number of dispensers, Billing: <i>Yes Billing</i> , Products managed - ie in the suit of products that can be managed on that dispenser those that actually that customer buys BATT TOT Product. V/M enabled
Sales prices	In the above price list, the price of the BATT product. TOT. V/M in the column (<i>Comod / Nol</i>) of the group <i>Billing</i> . Attention: The prices of the products loaded on the vending machine must not be present in the price list (ie this type of dispensers requires a different price list from the one used for the sale of the products).

NB: This type of configuration can be used by replacing the BATT product. TOT. V/M with the BATT product. GR. COFFEE or BATT. GR. WATER to make the customer pay only for the jokes related to products consumed using the coffee group or the water group of the dispensers.

NB: in the case of a dispenser Sold to the customer and therefore owned by the same, the column of the price list used is not the one *Comod / Nol* but the one *sold*. All the rest remains unchanged.

5. Installation of a customer with traditional heat dispenser given on loan (or rented) and with a single counter or without details of the consumptions per product line.

In this case, products are loaded into the dispenser which, following processing, generate payments. The operator loads the products and stores in the special product "ERO CAFFE ' / BEVANDE CALDE", the bag used to pick up the recess and the stroke counter. The amount of the receipt will be counted in the office, possibly by means of the directly interfaced sorting machine; in the case of single-price supplies, GD allows you to immediately know the discrepancy even in percentage terms between actual collection and theoretical collection.

By registering as the bill of materials the special product "ERO CAFFE ' / BEVERAGES HOT", the composition of the average delivery on the machine as far as the main products are concerned, it is possible in GD Admin to know the yield per single product loaded, as the deliveries are compared Theories generated by the loaded product, with those derived from the quantity of product consumed based on the number of deliveries actually recorded in "ERO CAFFE ' / BEVERAGES". Obviously this indication is only partly reliable, since the different dispensings are not weighed (the grams of coffee required for an espresso, are not the same as for a cappuccino). There are no single values for each of them.

The main information needed is:

Client	Minimum personal data,
Fees	Based on products Delivery
Billing	NO Administration
Price list	Description in Designation Price lists
Site	Minimum master data Zone, relevant ASL Price list to be used at the site
Products to be loaded	Minimum master data, Supplier / i
Number	of Beats Used to calculate the theoretical beats in GD Admin
Special product (delivery)	called "ERO CAFFE ' / BEVERAGES" for recording measures and calculating receipts (already present in the basic archive supplied with GD)
Type of the dispenser	Minimum personal data, The association with the products and / or product families that can be sold on the machine and with the product "ERO CAFFE ' / BEVANDE CALDE" for the registration of the measures and the calculation of the fees
dispenser	Identifier, Type, Customer's site where it is installed, Family,
Calculation of payments	Based on products delivery
Billing	Administration,
Products managed enabled	in the dress of the products manageable on that dispenser those that are actually loaded on the machine

Sales pieces

Product "ERO CAFFE ' / BEVANDE CALDE" enabled above price list, the price of the product "ERO CAFFE '/' in the column *BEVANDE CALDE(Comod / Nol)* of the group *Somministrazione*.

6. Installation of a customer with traditional hot-water dispenser given on loan (or rented), with time counter for each product line and with details of the consumptions per product line, but without a key system.

In this case, products are loaded into the dispenser which, following processing, generate payments. The operator with the terminal loads the products and records in each dispensing product, created for each product line, the stroke counter. In the special product "TAKINGS" it stores the bag used to collect the collection.

The amount of the receipt will be counted in the office, possibly by means of the directly interfaced sorting machine.

Having registered as the bill of materials for each delivery product, the composition of the delivery itself, it is possible in GD Admin to know the yield for each product loaded, as the theoretical deliveries for each product generated by the quantities loaded are compared with those obtained from the quantity of product consumed based on the number of deliveries actually detected by the stroke counters.

The main information needed is:

Customer	\	Minimum personal data, Fees based on dispensing products
Billing	NO	administration
wanted list		description in the Name Lists
Site		Minimum master data Zone, relevant ASL Price list to be used at the site
Products to be loaded		Minimum master data, Supplier (s)
Number		of Beats Used for calculating theoretical beats in GD Admin
N. special products (dispensing)		Named "ERO CAFFE '" , "ERO CAPPUCCINO" etc. for the recording of beats for each line and the calculation of receipts. For convenience it is advisable to insert these products into a single product family called DISPENSES, already present in the basic archive supplied with GD. An additional dispensing product, called "TAKINGS", where the withdrawals of the receipts made by the operator are recorded.
Type of dispenser		Minimum personal data, The association with the products and / or product families sold on the machine and with the product family DISTRIBUTIONS for the recording of measures and the calculation of the fees
dispenser		Identifier, Type, Site of the customer where it is installed, Family,
Calculation of payments		Based on the products supplied, suit

Billing*No Administration,*

Products managed enabled - or in theof products that can be managed on that dispenser those that are actually loaded on the machine

Product "ERO CAFFE ' / HOT DRINKS "enabled

Sales prices

In the above price list, the price of the dispensing products in the column (*Comod / Nol*) of thegroup *Administering*.

7. Installation of a customer with a traditional hot-water dispenser given on loan (or rented) with a timer for each product line with details of the consumptions per product line equipped with a key system.

In this case, products are loaded into the dispenser which, following processing, generate payments. The operator with the terminal loads the products and records in the special product "TAKINGS" the bag used to pick up the collection.

The amount of the receipt will be counted in the office, possibly by means of the directly interfaced sorting machine.

When data is collected from the key system, based on the association between each delivery product and the corresponding line. GD stores the number of beats for each type.

Having registered as the bill of materials for each delivery product, the composition of the delivery itself, it is possible in GD Admin to know the yield for each product loaded, as the theoretical deliveries for each product generated by the quantities loaded are compared with those obtained from the quantity of product consumed based on the number of deliveries actually detected by the key system.

Finally, the use of directly interfaced electronic keys allows you to compare the receipts counted on site with those stored in the key system, to compare the actual sales data with the theoretical ones and to know the ratio between the payments made for loading the keys and use of the same keys for drinks.

The main necessary information are:

customer

personal data minimum,

Fees

Based on dispensing products

Billing:

NO administration

wanted list

in Name Descriptionlists

Site

Minimal master data

Zone,

competence LHA

Price list to use at the site

Products to be loaded

Minimum master data,

Supplier / s

Number of Beats

Used for calculating theoretical beats in GD Admin

N. special products (dispensing)

Named "ERO CAFFE '", "ERO CAPPUCCINO" etc. for the recording of beats for each line and the calculation of receipts. For convenience it is advisable to insert these products into a single product family called DISPENSES, already present in the basic archive supplied with GD.

An additional dispensing product, called "TAKINGS", where the withdrawals of the receipts made by the operator are recorded.

Payment	methods Minimum personal data, configuration parameters (if interfaced with GD)
Type of dispenser	Minimum personal data, The association with the products and / or product families sold on the machine and with the product family DISTRIBUTIONS for the recording of measures and the calculation of the fees
dispenser	Identifier, Type, Customer's site where it is installed, Family,
Calculation of payments	Based on products rogation,
Billing :	<i>No Administration</i> , Method of payment installed with ECS number (if interfaced to GD)
Managed products enabled	or in the suit of the products that can be managed on that dispenser those that are actually loaded on the machine dispensing products enabled with indication for each of the lines of the connected key system. "RECESSED" product enabled.
Sales prices	In the above price list, the price of the dispensing products in the column (<i>Comod / Nol</i>) of the group <i>Administering</i> .

8. Installation of a customer with a traditional cold / snack vending machine given on loan (or rented) without a stroke counter.

In this case, products that are directly consumed by users are loaded into the dispenser. For this reason, and not having a stroke counter, the operator with the terminal loads the products and records in the special product "BUILT-IN" the bag used to take the collection. The amount of the receipt will be counted in the office, possibly by means of the directly interfaced sorting machine.

The main difference with a traditional heat dispenser is that the price of the different products is the one recorded in the price list of the site in the column *Comod / Nol* of the group *Administration*. In this case the checks carried out by GD Admin allow you to compare the theoretical collection (price of products sold by number of pieces) with the actual one recorded in the "TAKINGS" product.

The main necessary information are:

customer	personal data minimum,
Fees	Based on dispensing products
Billing	NO administration
wanted list	description in the Name Lists
Site	Minimum master data Zone, relevant ASL Price list to be used at the site
Products to be loaded	Minimum master data, Supplier / s Number of beats equal to 1, if individual pieces are loaded on the dispenser. (used for the calculation of beats in GD Admin)
Special product (delivery)	Called "TAKINGS" for the recording of receipts. (already present in the basic archive supplied with GD)

Type of dispenser	Minimum personal data (with the check enabled "dispensers without a stroke counter"). The association with the products and / or product families that can be sold on the machine and with the "TAKINGS" product for the recording of collections.
dispenser	Identifier, Type, Site of the customer where it is installed, Family (with the check the dispensers are not equipped with counter)supplied
Calculation of payments	Based on the products,
Billing	No Administration,
Products managed enabled	That is in the dress of the products manageable on that dispenser those that are actually loaded on the machine Product "TAKINGS" enabled
Sales prices	In the above-mentioned price list, the prices of the products loaded and therefore sold in the column (<i>Comod / Nol</i>) of thegroup <i>Administering</i> .

9. Installation of a customer with change machines, with counters for each coin dispensed and equipped with a key system.

The change machine is assimilated to a normal dispenser in which the products loaded are the coins and those supplied are the supplies of the same. The theoretical load parameters then indicate the loaded pieces, while the surveys record the coins dispensed. The operator with the terminal loads the products and records in the special product "TAKINGS" the bag used to pick up the collection. The amount of the receipt will be counted in the office, possibly by means of the directly interfaced sorting machine.

When data is collected from the key system, based on the association between each delivery product and the corresponding price line (currency), GD stores the number of beats for each type of currency. Having registered as the bill of materials for each coin dispensing product, the loaded coin product (for example 100 Coins / I was 100 coins), it is possible in GD Admin to know the quantity of coins still present in the change machine, as the theoretical supplies are compared (ie the loaded pieces) with the changed ones, detected by the dispensing products,

Finally the use of directly interfaced electronic keys, allows to compare the receipts counted in place with those stored in the key system, to compare the actual sales data with the theoretical ones.

The main information needed is:

Customer	Minimum personal data,
Fees	Based on dispensing products
Billing:	NOadministration
Listdesired	description in the Name Lists
Site	Minimum personal data Zone, competence LHA Price list to use at the site
Products to load	Minimum personal data of the products (coins), Number of beats equal to 1 (used for the calculation of the beats in GD Admin)

N. special products (dispens.)	Named "ERO MONEY FROM 100 "" , "ERO MONEY FROM 200" etc. for the recording of the beats for each coin and the calculation of the receipts, each with the corresponding coin product in the bill of materials. For convenience it is advisable to place these products in a single product family called COINS DISPENSATION, already present in the basic archive supplied with GD. An additional dispensing product, called "TAKINGS", where the withdrawals of the receipts made by the operator are recorded.
Payment	methods Minimum personal data, configuration parameters (if interfaced with GD)
Type of dispenser	Minimum personal data, the association with the products and / or product families that can be sold on the machine and with the COINS DISPENSE product family for the recording of measures and the calculation of thefees
dispenser	Identifier, Type, Customer's site where it is installed, Family,
Calculation of payments	Based on the products roagation,
Billing	<i>No Administration</i> , Method of payment installed with ECS number (if interfaced to GD) Products managed enabled - or in the dress of the products manageable on that dispenser those that are actually loaded on themachine coin dispensing products. "RECESSED" product enabled.
Sales prices	In the above price list, the price of the dispensing products in the column (<i>Comod / Nol</i>) of thegroup <i>Administration</i> .

GD QUICK START

Follow the sequence of operations below, finding the information you need first to fill in the various tables.

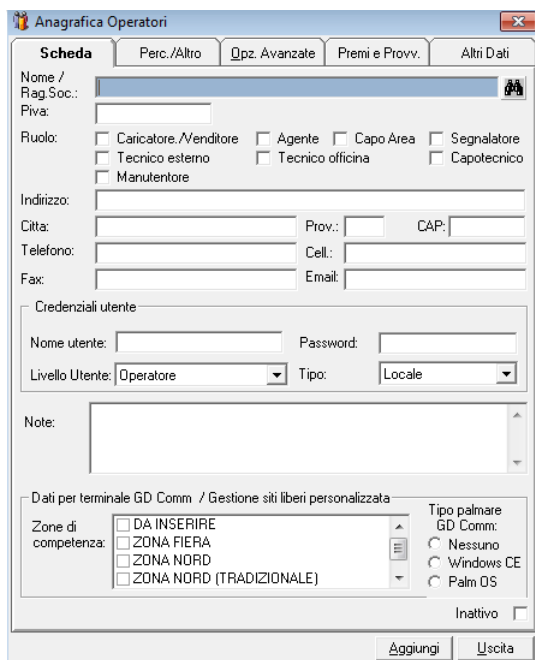
When filling in the various tables not all the fields are mandatory, so initially only fill in the fundamental fields required by the program, leaving the insertion of further data in a second phase.

A - In the Tables menu enter

1. Anagrafica of the Operators

Enter the names of the shippers, agents and sales staff and in general all the office staff.

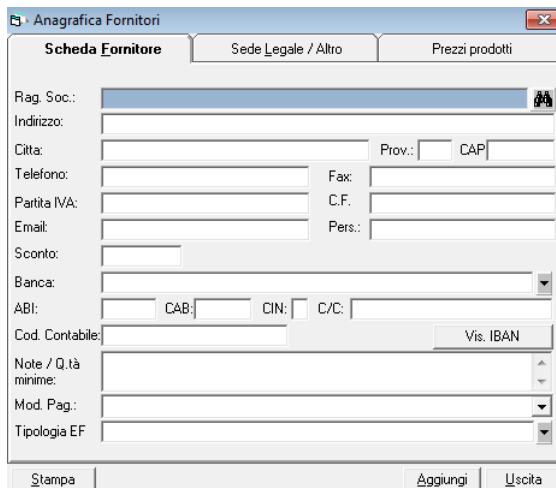
When adding an operator the mandatory fields are Name / Company Name and Role, all others are optional.



To *add* an operator fill in the required data and press Add.

2. Suppliers registry

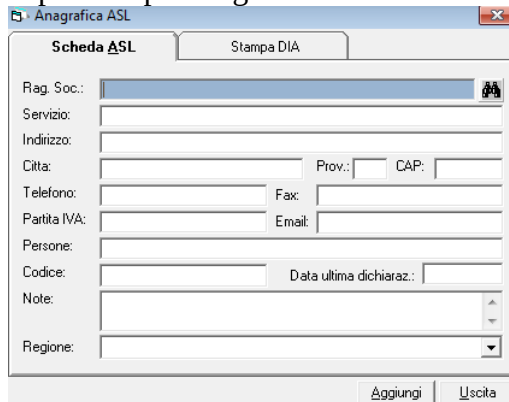
Enter the name of your product and machine



To *add* suppliers a supplier, fill in the required data and press Add.

3. LHA Master Data

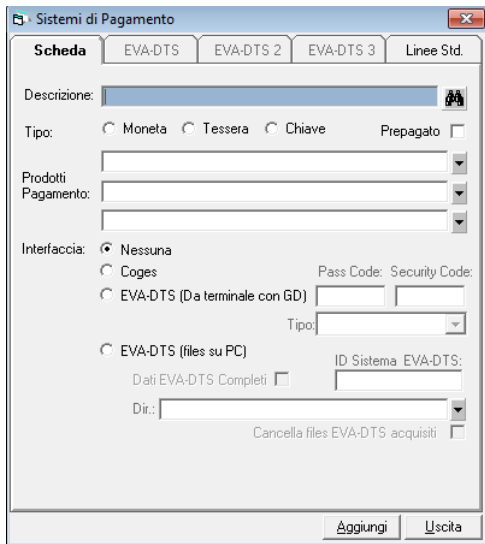
Enter the registry of all LHA Companies operating in the area in which your company operates.



To *add* an LHA fill in the required data and press Add.

4. Payment systems

Enter the names of the payment systems used in the management, coin validators and key systems.



To add a type of payment, fill in the required data and press Add.

Almost all the payment systems available can be acquired through GD, or directly from the terminal with GD itself, or by other means (keys, databoxes and the like) created by the manufacturers whose data can then be imported later.

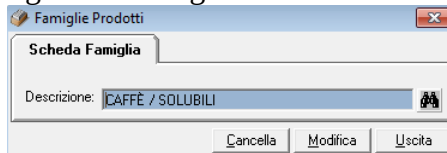
For a complete and updated list of supported payment systems, visit www.gdvending.it or contact the GD assistance service.

B - In the dispensers menu enter

1. Product familyproduct

The families serve to organize the products used in the dispensers in homogeneous groups.

Eg to the Family V/M Grani Products will be assigned all the products that are delivered to traditional machines in grains. The product family table is already pre-filled with some example families, however this table can be expanded and changed according to the needs of its management.



To add a product family, simply type in the family name and press Add.

2. Products

All the products delivered or sold on the dispensers (coffee, chocolate, schiacciatine, Taralli, carbonated water, etc.) and their accessories must be included (Bicchieri, Palette, Zucchero)

Prodotti - CAFFE' IN GRANI

Scheda Fornitori/Battute Distinta Base / Lotti Barcode

Descrizione: CAFFE' IN GRANI U.M.: KG
 Famiglia: CAFFE' / SOLUBILI Gr. ☐ Peso unit. (gr): 0,00
 Aliq. IVA: 21%

Costi Prodotto: Costo Ultimo: 5,5000 Costo Medio: 5,5000 Costo Standard: 0
 Giacenza Attuale: Magazzini: 100 Furgoni: 5

Provvigioni: Profilo Provv.: Fascia: ☐

Descriz. Breve: CAF KG

Prodotti Speciali:
 Distributore: ☐
 Battute: ☐
 Erogazione: ☐
 Pagamento: ☐
 Gest. Chiavi: ☐
 Ricambio: ☐
 Principale: ☐
 Officina: ☐
 Esterno: ☐
 Canone: ☐
 Abbonamento: ☐
 Prodotto fresco: ☐

To **add** a product simply type the name and fill in the required fields and press Add.

It is advisable to insert

- A product for each quality of coffee beans or soluble coffee that you use: for example coffee beans, instant coffee, instant chocolate, soluble milk and so on.
- All the individual types of kits that are sold (for example Pods kit coffee, single-dose chocolate kit and so on) by inserting the products that make up the kit in question in the table. Eg:

Prodotti - KIT CIALDE CAFFE' X 100

Scheda Fornitori/Battute **Distinta Base / Lotti** Barcode

Elenco dei componenti:

Componente	U.M.	Quantità
► BICCHIERINI 75 CC x 50	N.	100
◄ CIALDA CAFFE'	N.	100
◄ PALETTE INCARTATE	N.	100
◄ ZUCCHERO IN BUSTINE	N.	100
*		

Confezioni e Lotti: ☐ Prodotto omaggio ☐

Pezzi x confezione: 0 Allinea carico del furgone ai pezzi x confezione ☐
 Ricarica conf. inferiore al: 50 % Abilita gestione del lotto per questo prodotto ☐
 Confezioni x lotto interno: 0 Contatore progr. ultimo lotto interno: 0

In the Suppliers / Beats tab of each product, enter also the usual supplier where you buy the product and the number of beats referring to the product itself, for example the coffee pod kit consists of 100 pods and therefore will produce 100 beats, while a pack of 1kg coffee beans of about 142 characters, the 1kg pack of chocolate will produce 40 or 50 characters depending on the weight you have set in the V/M. Ex.

Prodotti - CAFFE' IN GRANI

Scheda **Fornitori/Battute** Distinta Base / Lotti Barcode

Elenco dei Fornitori:

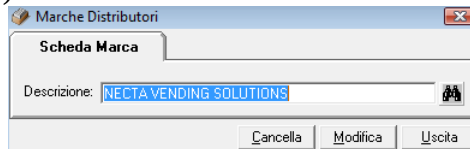
Fornitore	Pref.	Costo Ultimo	Costo Medio	Cod.Fornitore
► LUIGI LAVAZZA S.P.A.	0	0	0	
*				

Numero Battute: Gruppo Caffè/Caldo: 140 Gruppo Acqua/Freddo/Snack: 0

Categoria Stat.: CAFFE Esporta in GdWeb ☒
 Cod. Cont.: Shelf life: 0 Inattivo ☐

3. dispenser brand

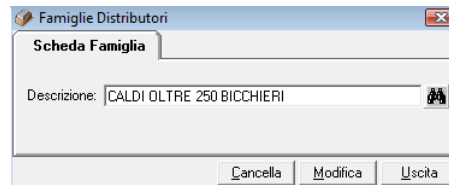
Enter the name of the manufacturers of all the dispensers you have installed:
(Necta, Saeco, Bianchi and so on).



To *add* a dispenser brand simply type in its name and press Add.

4. dispenser family dispenser

Families serve to group similar dispensers by type and size to group items in the final analysis of your management.



To *add* a dispenser family, simply type in its name and press Add.

It should be noted that the dispenser box without a stroke counter must be enabled for the families of machines that do not have a meter (cold, snack), as this information is indispensable for the analysis of GD Admin.

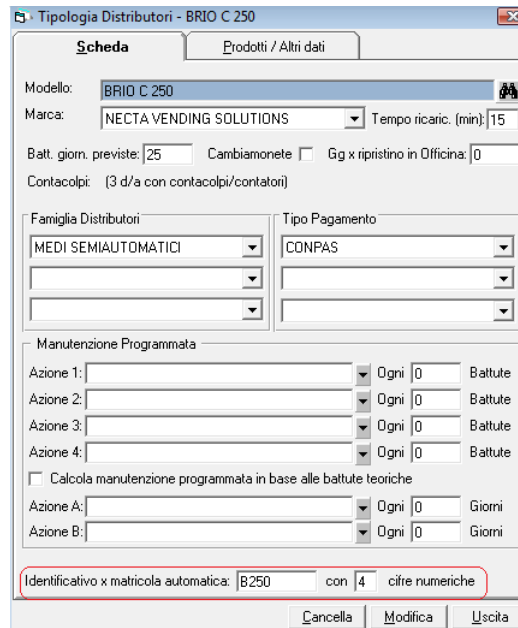
The dispenser families table is already pre-filled with some example families, however this table can be expanded and changed according to the needs of its management.

5. Type of dispenser

The types of dispensers are the different models of dispenser (for example Spazio, Lioness, Snakky, Pininfarina etc.).

For each type of machine specify the brand, model, payment systems (key systems, coin mechanisms etc. usually installed), the dispenser family (as necessary for management analysis) and specify in the Products / other data folder product families (or even individual products) used in the dispenser.

It is recommended to include all the dispenser models that are installed at the customers.



To *add* a type of dispensers simply type in the name, select the brand and press Add.

On the Products / Other Data tab, enter the products you are using or that you can still upload. It is advisable to insert the families previously created, by typing the sign @ + the name of the family; es @ Products V/M Snacks, @ Fap Products, etc.

To enter the Products managed by the machine (which must be confirmed when the dispenser is installed.) After recalling the type, go to the folder **Products / Other data**. It is also possible to specify entire *Product Families*, selecting the item or items that are of interest only at the time of installation. This allows you to establish in the type of dispensers that the machine can manage the Snacks (by entering @Snacks) and sending the choice of which snacks that customer uses to the installation of the dispenser at the customer site.

To *add* a product, go to the empty line and press New (or double click). The opens, **Managed Product Detail** allowing you to select the product and enter the maximum quantity that can be managed by the machine.

To specify a *product*, go to the field and press ENTER (or type the first letters of the description + ENTER) and choose the one that interests you.

To specify a *family* type @ and press ENTER (or type the first letters of the description + ENTER).

It is advisable to insert on the main board an automatic serial number identifier; this function facilitates the assignment of serial numbers for companies that are starting to use GD. This is particularly useful for companies that do not already have their own registration system for dispensers, they want to use GD itself to automatically generate the dispenser serial number as new machines are inserted.

C - In the Customers menu enter

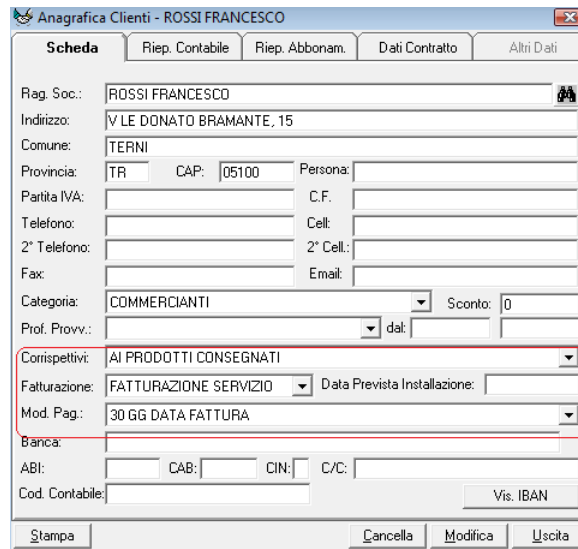
1. Customer data

Enter **Customer Master Data** (for customer we mean the personal data <Surname, Name, Company name, VAT number etc>) and the **Customer Sites** (ie the locations, the location, where the dispensers

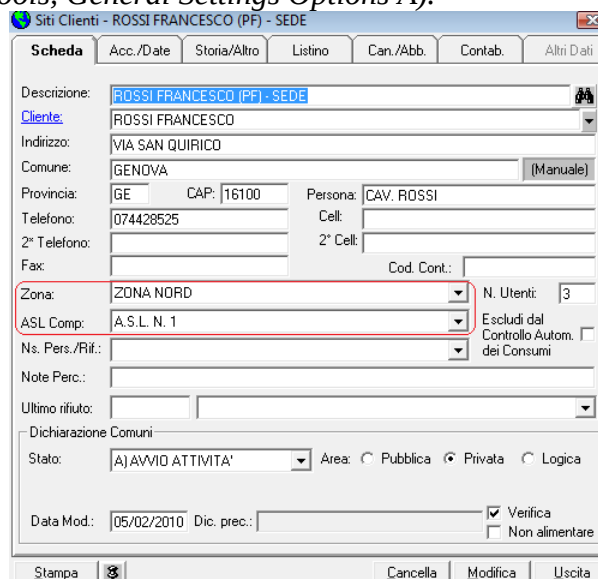
will be installed), try to set up these customers correctly with the additional information you consider useful.

We advise you to initially insert some names of customers that represent as far as possible the various management cases. It makes no sense to enter many names as the purpose is to verify that the settings and entries you have entered so far are correct, so that they can serve as a guide for entering subsequent installations.

To add a customer it is necessary to know the minimum data of the registry, they are also mandatory fields the calculation of the payments, the tax regime, the payment method; fill in the required data and press Add.



When the customer is added, the program asks to automatically create the customer site (ie the main location) where your machines are installed: **answer YES**, in order to automatically create the customer site, or the place where the machines are physically installed . This generally corresponds to the customer. As mentioned above, the **client site** is automatically created by GD using the customer's data and is created by setting the Standard List, the Standard Zone and the Standard LHA (the standard data are those found in GDAAdmin, Tools, General Settings Options A).



Therefore, in addition to any differences in personal data, between customer and client site, to set up a customer site correctly it is necessary to know: the area to which it belongs, the competent LHA and the price list that you want to apply to the specific customer site.

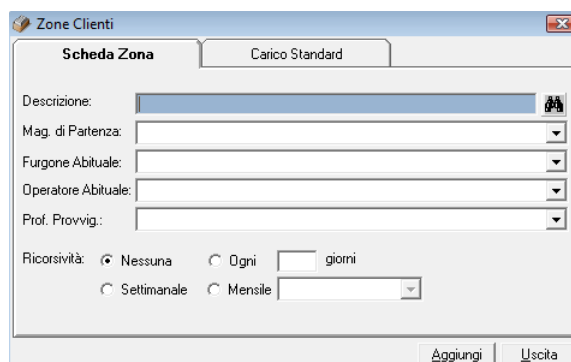
To *add* a customer site, if the customer has not been created automatically, fill in the requested data and press Add.

To *modify* or *consult* a customer site, go to the Description field and call up the item of interest. Press Change to record the changes. Press Clear to *delete* the entry.

2. Customer ZonesCustomer Zones

The table, accessible from GD's Customers menu, allows you to group customer sites by area they belong to. Zones can be used for statistical purposes or to automatically generate *actual routes*.

Limit yourself to entering the names of the customer zones if in the management the customers have been divided by area.



To *add* a customer area fill in the description field and press Add.

3. Price lists

It is advisable to set a general price list for traditional dispensers from which you can then create any customized price lists applied to particular customers. For customers who manage pods and / or kits, it is possible to initially define 3 or 4 price lists with different price levels without creating ad hoc price lists per customer.

The price list does not have to contain the price of all the products. For each product a rental price can be entered (applied when products are managed on installed machines owned by the management), a price for the sold (applied for the machines sold to customers and which are therefore owned by them). *The company price is a special case, do not fill in this column which, if necessary, can be completed later (see the logic of the company price lists).*

Each list is identified by a description. To insert a price list go to the Customers menu and call up the item Name lists. Once the List Name has been created it is possible to enter the prices in the price list by going to Sales Lists, accessible from the Customers menu. The price list is assigned to the Customer Site, in the List tab, here it will be possible to display the name of the price list attributed to the Customer Site and the list of products, which have a price in the price list and which are enabled on the dispenser installed on the Customer Site.

Listino:

LAVAZZA - BASE

Visualizza:

Prodotti

☒

Prod. Pagamento:

☐

Distributori

☐

Battute/Erogaz.:

☐

Ricambi Esterni

☐

Canoni/Abbonam.

☐

Prodotto:

Somministrazione (con IVA al 4%)

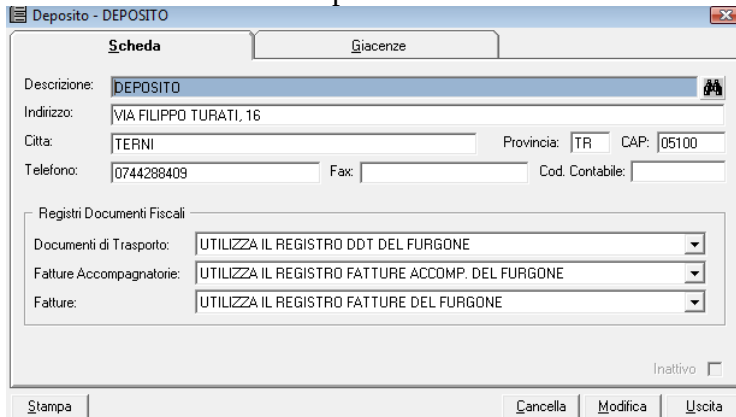
Fatturazione (con IVA al 20%)

Prodotto	Comod/Nol	Venduto	Aziendale	Comod/Nol	Venduto	Aziendale
KIT LAVAZZA 100 CREMA.AROMA	30	28	0	31	29	0
KIT LAVAZZA 20 PROVA	0	0	0	0	0	0
KIT LAVAZZA 50 CAMOMILLA	16	14	0	16	14	0
KIT LAVAZZA 50 CAPPUCCIO A.C.	24	22	0	24	22	0
KIT LAVAZZA 50 CAPPUCCIO C.A.	20	18	0	20	18	0
KIT LAVAZZA 50 CAPPUCCIO DEK	22,5	21	0	22,5	21	0
KIT LAVAZZA 50 CIOCCOLATA	18,5	17	0	18,5	17	0

Enter in the WarehouseMenu

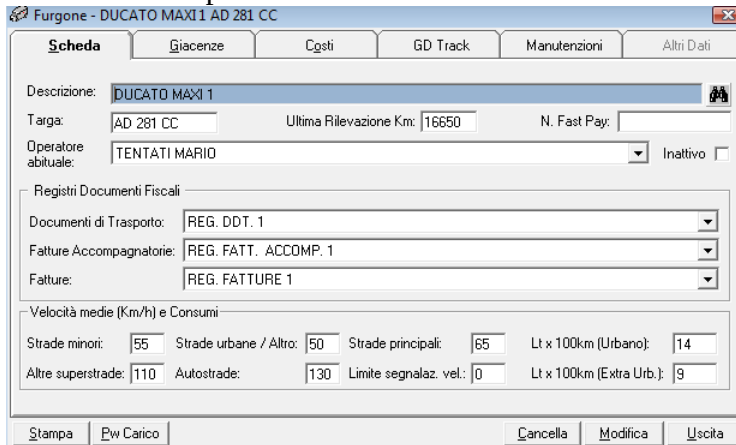
Storage

To *add* a deposit, fill in the data in the table and press Add



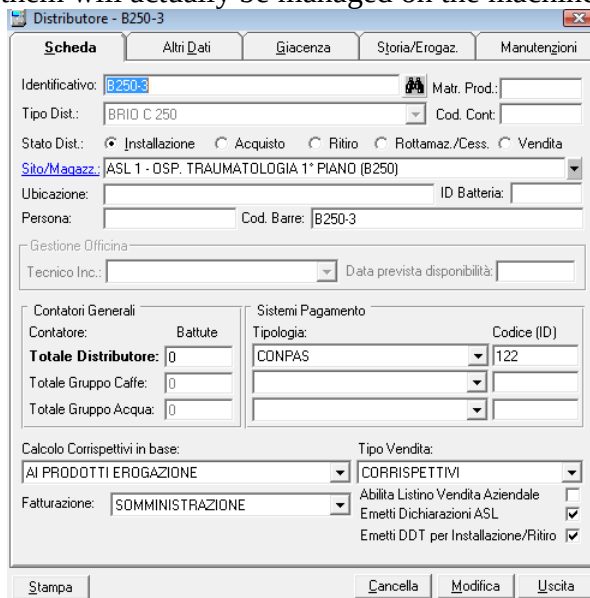
Vans

To *add* a van, fill in the table data and press Add



dispensers

For each dispenser you want to install, you need to know or assign a unique serial number (in GD it matches to the identifier), the type of machine, any installed payment systems, the method of calculating the payments and the tax regime. In the second suspended folder they must be marked in the list of managed products which of them will actually be managed on the machine.



Distributore - B250-3

Scheda | Altri Dati | Giacenza | Storia/Erogaz. | Manutenzioni

Identificativo: **B250-3** Matr. Prod.:

Tipo Dist.: **BRIO C 250** Cod. Cont.:

Stato Dist.: ☒ Installazione ☐ Acquisto ☐ Ritiro ☐ Rottamaz./Cess. ☐ Vendita

Sito/Magazz.: **ASL 1 - OSP. TRAUMATOLOGIA 1° PIANO (B250)**

Ubicazione: ID Batteria:

Persona: Cod. Barre: **B250-3**

Gestione Officina

Tecnico Inc.: Data prevista disponibilità:

Contatori Generali		Sistemi Pagamento	
Contatore:	Battute	Tipologia:	Codice (ID)
Totale Distributore:	0	CONFAS	122
Totale Gruppo Caffè:	0		
Totale Gruppo Acqua:	0		

Calcolo Corrispettivi in base: **AI PRODOTTI EROGAZIONE** Tipo Vendita: **CORRISPETTIVI**

Fatturazione: **SOMMINISTRAZIONE** Abilita Listino Vendita Aziendale ☐

Emetti Dichiarazioni ASL ☒

Emetti DDT per Installazione/Ritiro ☒

Stampa **Cancel** **Modifica** **Uscita**

To *add* a dispenser fill in the required data and press Add

Technical info for setup ed installation

System requirements – GD SQL 2012 e sistemi operativi supportati

Minimum requirements for sql Server 2012-based release 6.0 and higher SQL Server 2012 Standard Edition System Requirements

The following system requirements cover SQL Server 2012 Standard Edition on 32/64 bit

Standard Edition System Requirements	
Processor	x64 Processor: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support (min. speed: 1.4 GHz) x86 Processor: Pentium III-compatible processor or faster (Min speed: 1.0 GHz) Recommended: 2.0 GHz or faster
Operating System	Windows Vista with SP 2, Windows 7 SP 1, Windows 8/8.1, Windows 10, Windows Server 2008 & 2008R2 / 2012 & 2012R2 Enterprise Edition, Standard Edition, Essentials e Foundation Edition ; Windows Small Business Server 2008 with SP 1 or later
Memory	1 gigabyte (GB) or more recommended
Hard Disk	Approximately 10GB of available hard-disk space for the recommended installation
Drive	DVD-ROM drive
Display	Super VGA (1,024x768) or higher-resolution video adapter and monitor
Other Devices	Microsoft Mouse or compatible pointing device
Other Requirements	Microsoft Internet Explorer 7 or later

NB: GD can also be installed in Terminal Server mode (we recommend that you use Windows Server 2008/2012 for this purpose), bearing in mind that in this case the option must be checked in the GDAdmin General Settings in the first screen (NB: must be active on all user profiles in the terminal server.)

Note that the new SQL SERVER 2012 cannot be installed on Windows XP/Windows Server 2003 systems. Different versions are still available depending on the installation platform, however it is

suggested that more modern platforms are used as these operating systems have been retired or are being retired by Microsoft and therefore not will be more up to date by the manufacturer.

Specific information for using Windows 8/8.1 and Windows 10

As for running GD, the fundamental difference with Windows XP or Windows 7 is the fact that Win32-type applications, which then also work on other versions of Windows, are managed by the system with a number of restrictions, which are active even though win32 applications, which also work on other versions of Windows, are managed by the system with a number of restrictions, which are active even though the user is at the administrator level.

- The Windows 8/8.1 system and the Windows 10 system are available on the market in 4 versions:

Windows 8.1 / 10	Suitable for use with GD
Windows 8.1 / 10 Pro	Suitable for use with GD
Windows 8.1 / 10 Enterprise	Suitable for use with GD

Although it is technically possible, given the features of the system, it is recommended to use Windows 8/8.1 on new, specially designed PCs rather than upgrading machines with previous s.o.s, especially if with limited resources. In any case use for verification before upgrading the Microsoft tool: Windows 8 Upgrade Assistant.

- La memoria RAM consigliata per un buon funzionamento è di almeno 2 Gbyte, con valori inferiori si può avere un degrado in prestazioni notevoli, in particolar modo se si utilizza lo stesso PC per far girare il server Microsoft SQL con gli archivi e il programma GD.

Specific information for using Windows 7

- The system is available on the market in 5 versions:

Windows 7 Starter	Not suitable for use with GD
Windows 7 Home Basic	Not suitable for use with GD
Windows 7 Home Premium	Not suitable for use with GD
Windows 7 Professional	Suitable for use with GD
Windows 7 Enterprise	Suitable for use with GD
Windows 7 Ultimate	Suitable for use with GD

- Con Windows 7 in generale, ed in particolar modo nel caso di aggiornamento a Windows 7 di un sistema preesistente, è di fondamentale importanza tenere presente che:
- The required hardware resources are expensive and it is therefore inadvisable to install it on older PCs and in any case that do not have at least one AMD Athlon 64 or Pentium 4 Class processor.
- The RAM recommended for good operation is at least 2 Gbytes, with lower values you can degrade in to considerable performance, especially if you use the same PC to run the Microsoft SQL server with the archives and the GD program.
- The operating system is extremely demanding about the quality of the hardware, so when buying assembled personal computers pay close attention to the quality of the components used with a particular focus on RAM memory and Mother Board. Prima di aggiornare il sistema è vivamente consigliato testare la macchina con il software "Windows 7 Upgrade Advisor" scaricabile gratuitamente dal sito Microsoft (<http://windows.microsoft.com/it-IT/windows/downloads/upgrade-advisor>)
- Any antivirus software installed must be checked for its compatibility with Windows 7

End of Support Windows XP SP3 and Windows Server 2003 (6.3I)

Windows XP since April 2014 and Windows Server 2003 since July 2015 are no longer supported and kept up-to-date by Microsoft and therefore, especially for security reasons of your data and programs, so we do not recommend that you continue to use these data and programs. operating

systems, although GD, GD1, GD Easy, and GDDC and their modules still support, up to version 5.8, installation and operation in Windows XP SP3 (Service Pack 3) and Windows Server 2003. Version 5.8 was the last released as a full setup that included SQL Server 2005 and therefore the last one that can be installed in these environments.

Inability to exchange data with the AdE with older versions of Windows

Following the promotion (to exclusive TLS 1.2) of the level of security required for access to the management software portal, presumably from 6/30/2017 the servers and clients that are installed on Windows XP, Server 2003, and Server 2008 operating systems (original) and interacting with the Hades, they will no longer be able to carry out data exchange operations with the Agency's web services. We recommend that you update your fleet/operating systems in time accordingly. All systems from 2008 R2 onwards can handle the TLS 1.2 standard and will therefore remain compatible, subject to specific next update of GD and Windows itself where required. On older systems that do not have one, the update installs a new component called the NET Framework 4.5 that is required to handle the new level of security required by AdE.

For up-to-date information, contact GD support at contact details:

Target Informatica S.r.l.
Via Filippo Turati, 16
05100 Terni (Italy)
Tel. +39 0744 288409
+39 0744 288410
Fax. +39 0744 288088
E.mail info@gdvending.it

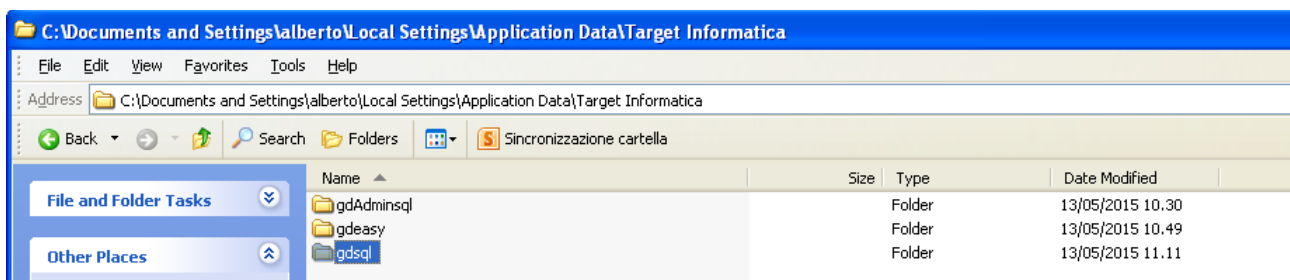
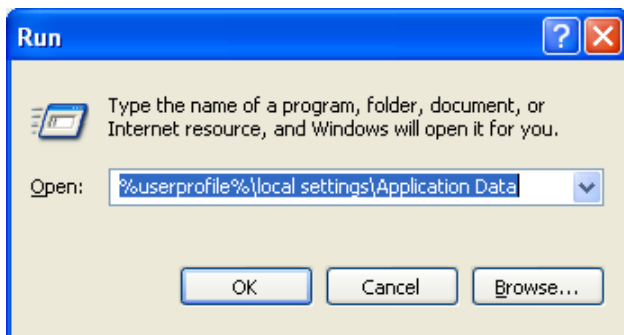
Location of logs and GD additional data files

Up to version 5.9 GD memorized the logs of the various modules and some supporting data files in the GDSQL folder of the program.

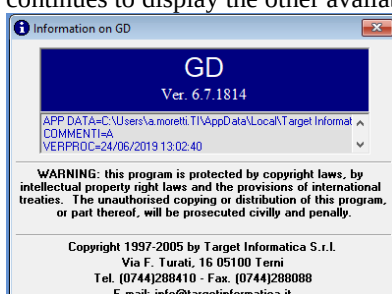
From this version GD aligns with the most recent Windows specifications and most of these files are recorded in special folders, different depending on the versions of the operating system on which it runs.

The data relating to logs, temporary and similar files are now available in a Target Informatica folder, and subdivided into subfolders with the name of the module inside the LocalAppData. From Windows 7 onwards it is possible to write %LocalAppData% in the explorer, while in previous systems (XP and 2003) it is possible to find the folder with %userprofile%

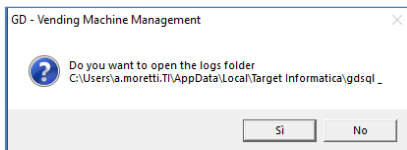
The log files will also all be named with the name of the PC (or possibly in the Terminal Server or where necessary with the name of the PC + Session)



For quick access, from the Information menu on GD (found in the menu "?") Is possible display the route of the APP DATA folder and **double-click on it to directly open the folder with the Explorer**. Pressing the button on the right continues to display the other available parameters.



As an alternative to the above, when you activate or deactivate the log of an application, you are asked whether to automatically open the folder with the explorer.



Any output files such as those of excel exports, for example, linked to each individual user, IF THEY DO NOT HAVE FOLDERS SPECIFIC DEFINED IN GD, will instead be exported to the user's documents folder (MyDocuments) and therefore will be automatically separated by user.

Possibility to automatically start GD in route data reload moderecharging

Whoever uses one or more machines dedicated to data self-, may need to restart the server (s) and automatically reactivate the function when the server is restarted.

Notwithstanding that the server must automatically login in Windows (something that must be configured manually and generally must be done by those who follow the company from the system point of view), once entered into the Windows session it is possible to have GD started so that automatically opens the automatic reloading of the routes.

To do this, enter the / AUTOSTARTRIC option on the command line of gdsq.exe created for this purpose: GD is launched with the default operator and automatic reloading is automatically started. NB: starting in self-recharge is possible only if the automatic reloading of the routes is active and GD TrasfServices are being used.

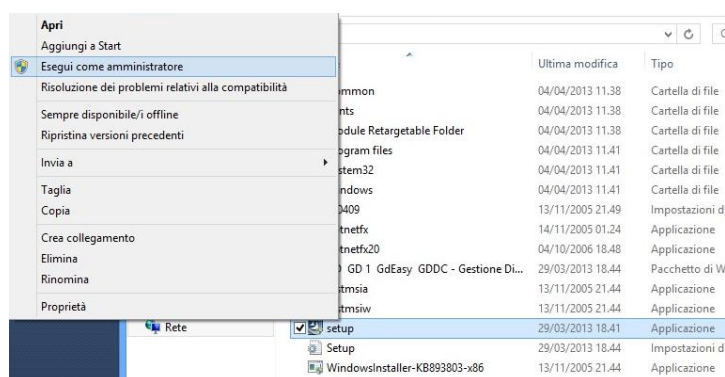
To avoid unwanted access to other functions, upon exiting automatic recharging, GD started with / AUTOSTARTRIC in this mode closes automatically

Installation in Microsoft Windows 8, 8.1 and 10 environments Installation

program execution rights

Regarding the execution of GD, the substantial difference with Windows XP or Windows 7 is the fact that Win32-type applications, which therefore also work on other versions of Windows, they are managed by the system with a series of restrictions, active even if the user is an administrator.

To install the product it is necessary to "run as an administrator" the installation program, ie the setup.exe file in the initial folder of the installation DVD. To do this, simply identify the setup.exe file, display the menu with the right mouse button and then choose the Run as administrator item



At the end of the installation, the GD and GDAdmin icons will be available on the Windows 8 Start screen.

Possible slowness in starting the services

After installing GD and completing the server installation wizard, it is advisable to restart the machine and check after a few minutes that the various services (GDSQL Server and GDTrasfServices and if configured GDServer for the protection key management) have been correctly restarted by the system.

If this were not, or in any case, particular slowness in their reboot was found, it is possible to configure the services on which GD relies and in joint GDTrasServices and SQL Server in "Delayed start" mode or alternatively set up automatic recovery on the first attempt, according to as shown in the following images. In these cases, however, we suggest contacting the assistance service.

Lack of group automatic execution in the Windows menu

If it is not installed as a service, the GDServer program is started thanks to the fact that the installation of GD stores it within the group Automatic execution that in operating systems up to Windows 7 is present in in the Start menu.

From Windows 8 onwards (and Windows Server 2012) the group is still present but it is not accessible from the menu: therefore the automatic execution folder can be reached by writing as route% appdata% Microsoft Windows Start Menu; in general it is not necessary to open it in this mode, since if you want to activate or deactivate GDServer you can use the appropriate item Start in Task Manager (not in Windows Server 2012 systems)

Windows PC terminal (Windows XP / Windows 7)

Initialization and use as a handheld of sub-notebook PC through the network with GDLanServer. The connection via USB and via GDTrasfServices is not available.

From version 5.4 it is also possible to use a PC where GD - Vending Machine Management as handheld terminal has not been installed. Obviously this type of PC is not recommended for loaders as they generally do not have adequate resistance to impact, dust and humidity. However, in the presence of particular users such as technical or commercial, since the GDMobilePC works as "Terminal data integration" also on the PC platform as an alternative to the old VBPsion, it is possible to connect PCs with a normal system via the network (via cable or wireless) operational and use them as palmtops. The only working mode for Windows PCs is via network with GDTrasf.

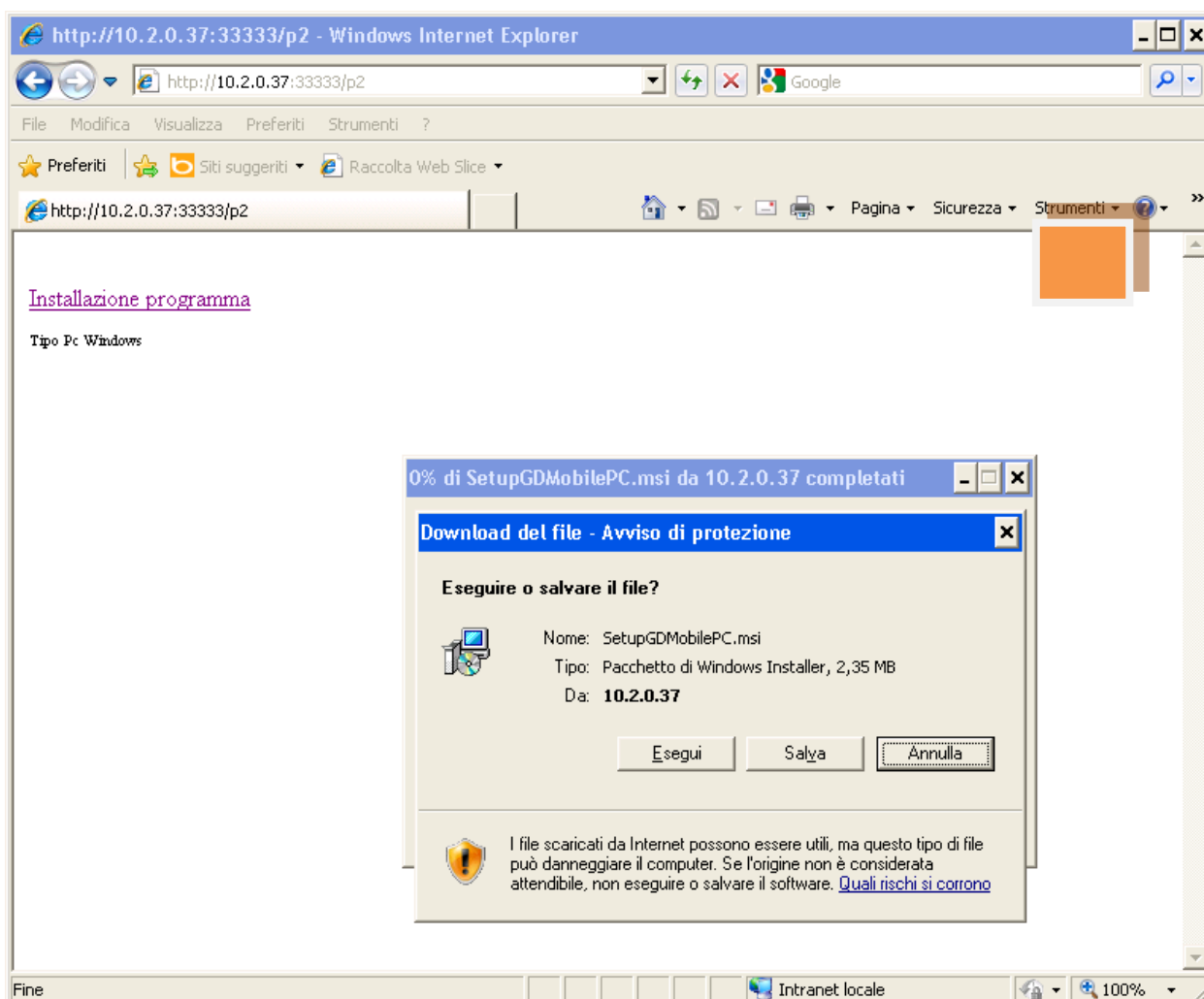
Check that your handheld is connected to the network. **(1)** Start from the Start menu Internet Explorer. **(2)** Type in the top bar the IP address of the server where the GD Server program runs with the protection key, press enter and wait for the GDLanServer connection page to appear (Obviously the address 10.2.0.37 in the screens that follow is by way of example only)

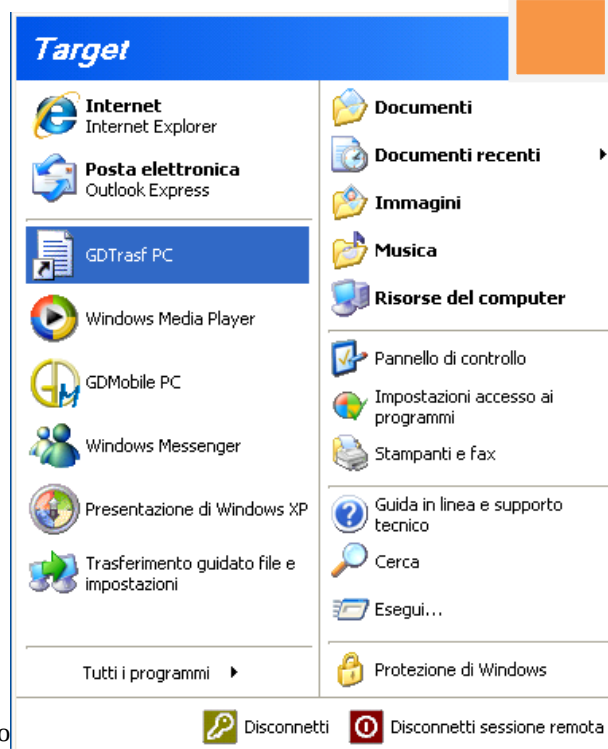


Enter user and password and choose the type of your handheld (Windows PC) as the type of system and press confirm. **(2)** After a few moments the Installation page will be displayed, which in this case only contains the "Program Installation" item, an item that must be clicked to continue.

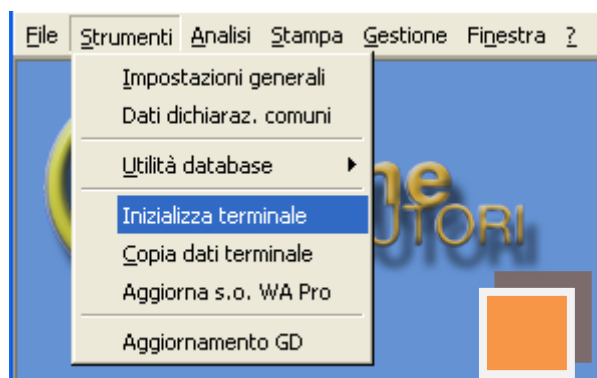
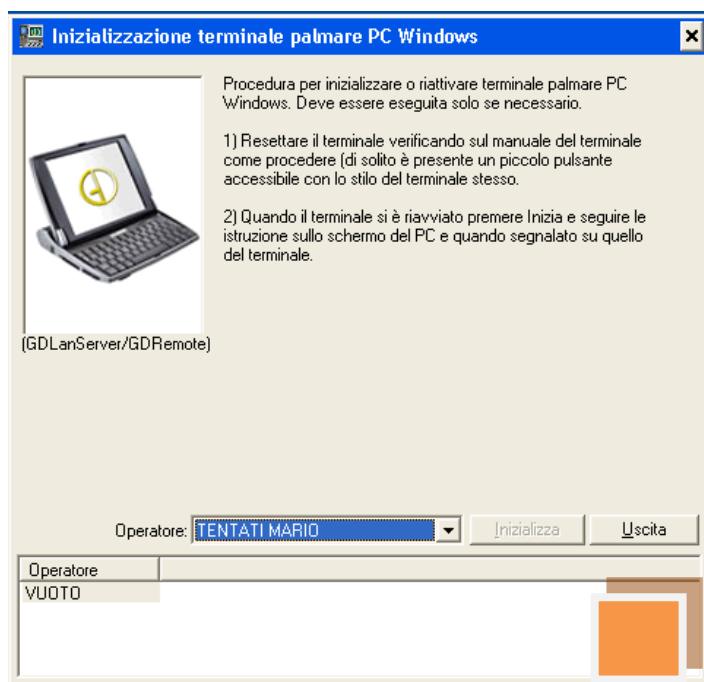
Press **Execute** confirming any security box and carry out the installation **(3)** Pressing Next and confirming the various requests.

At the end start the GDTrasf from the menu **Start** and proceed as usual.





At this point, start GAdmin and from the Tools menu (5) proceed to initialize the handheld as usual (6).



From this point forward the procedures are similar to those of the other handhelds connected to the network.

Extech / Apex printers

Example setting on the Psion WorkAbout Pro G1 terminal.

Extech is the Bluetooth printer to give the Psion Workabout PRO terminal the maximum use opportunity in all cases where the possibility of printing in the field is required, with great ergonomics and flexibility of use: invoices, delivery notes, delivery notes and notes of delivery of goods.

Turning on the printer and changing the paper

The printer has a rechargeable battery.

To turn on the printer, press the appropriate ON / OFF button on the side of the printer and check that the blue light turns on.

To make the paper flow, press the appropriate paper advance button on the side of the printer the paper runs

. If out, to insert a new roll, simply open the lid with the appropriate button and insert a new roll of paper.

Extech printer test self-test

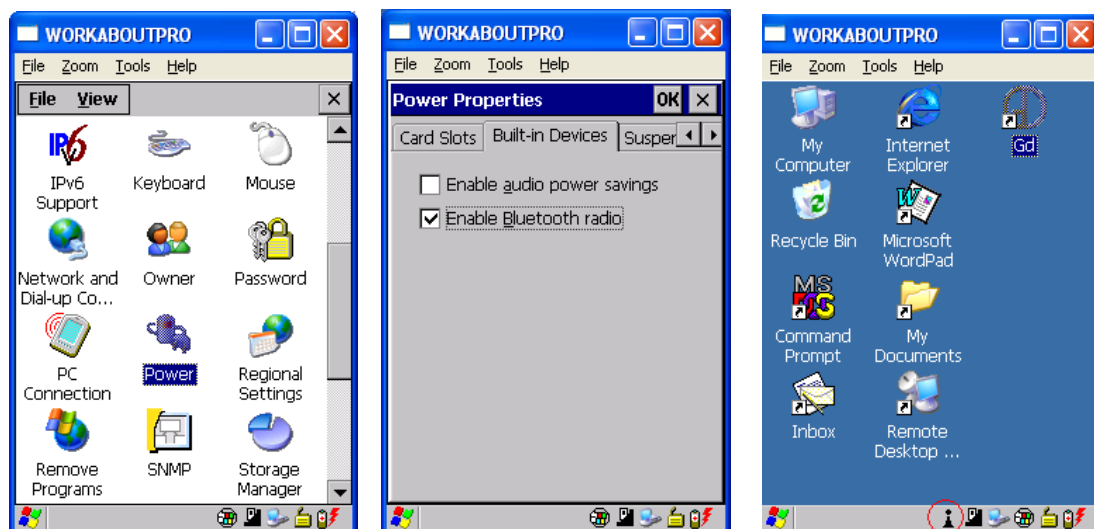
To perform the self-test, press the ON / OFF and Paper Advance keys simultaneously.

Configuring the Extech printer with the Psion Workabout PRO

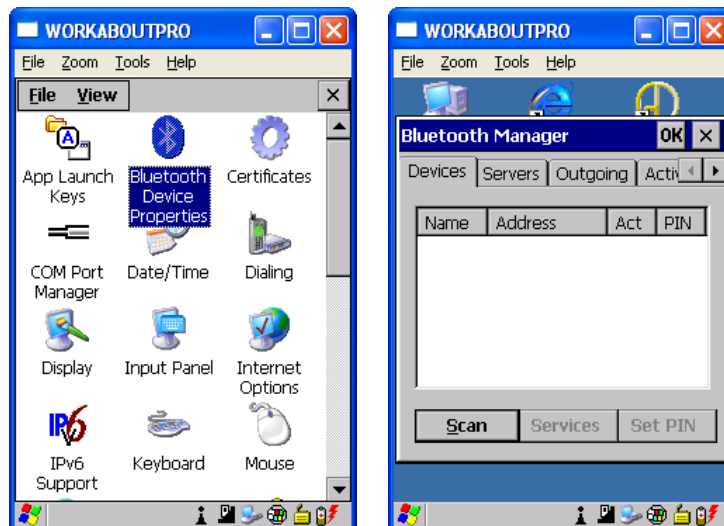
On the Psion WorkAbout Pro, after turning on the Extech printer (the blue light must be on) , it is necessary:

1. from Start, Settings, Control Panel enter Power and check the Enable Bluetooth radio box inside the Built-in Devices folder; confirm the change with OK.

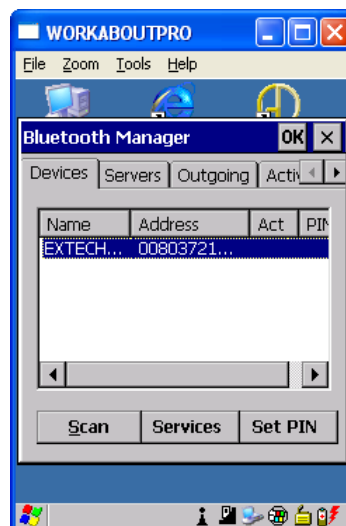
The beautiful Bluetooth antenna will be displayed on the status bar



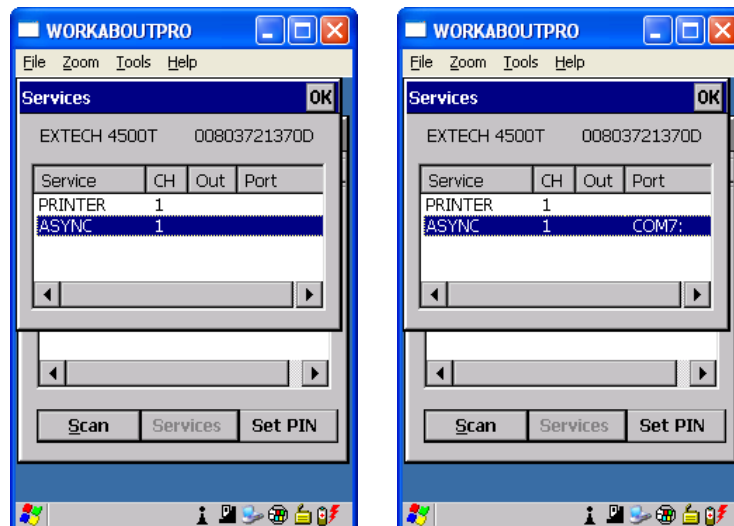
2. from Start, Settings, Control Panel enter Bluetooth Device Properties (this function can also be accessed by double-clicking on the Bluetooth antenna)



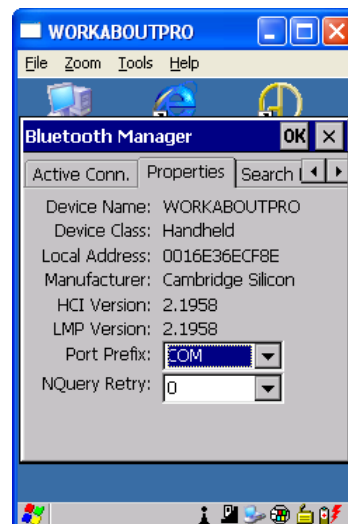
3. in the Bluetooth Manager press the Scan / Stop button and wait until the Extech peripheral is recognized (the Scan button becomes Stop until the peripherals search is completed); the line containing Extech represents the printer to be connected



4. select the line and press the Services button. after a few seconds a window will appear showing Async and Printer. Double-click on the Async line and select Active. Next to the name, COM7 or another number will be displayed. Confirm all masks with OK until the Bluetooth Manager is closed

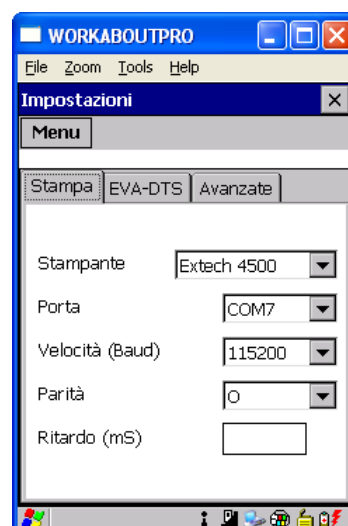


Warning: If BSP is displayed followed by a number, go to the Properties folder of the Bluetooth Manager and set COM as Port prefix.



5. start GD on the Psion Workabout Pro handheld and set on the Settings screen, accessible from the Options menu, the type of printer used and the COM7

Leave the other standard parameters and save the settings by clicking on the X



The Speed, Parity and Delay parameters can also be customized for your printing needs:

- for the Extech 4500 - 115200 N Delay 100
- printer for the Extech printer 3750 --- 38400 N Delay 50,
- for the Extech printer 2500 --- 38400 N Delay 50

Star DP8340S Bluetooth printers

Example setup on the Psion WorkAbout Pro G1 terminal.

On the Psion WorkAbout Pro, after turning on the printer and verifying that the blue printer light is on, it is necessary to:

1. from the control panel enter Power and check the Enable Bluetooth box inside Built-in Radios; confirm the change
2. from the control panel enter Bluetooth Device Properties;
3. press Scan and wait until the peripheral is recognized (the Scan button becomes Stop until the peripherals search is finished); the line containing DP8340S represents the printer to be connected.
4. Select the line representing the printer to be connected, click on SET PIN and type: 00000000 or 11111111
5. Select the line representing the printer, then press the Services button; after a few seconds a window will appear showing Async and Printer. On the Async line, double-click and check Active. Next to the name, COM7 or another number will be displayed. If BSP is displayed followed by a number, go to the Bluetooth Properties folder and set COM as Port prefix.

Once this is done, run GD on the Psion WorkAbout Pro handheld and set the Star P8340S COM Port 7 Speed 19200 Parity E on the Settings screen.

Bar code label printers

If you have a bar code label printer, you can print product and dispenser bar codes directly from GDAdmin, using the appropriate print functions.

The use of the Label printer must be configured on Options D of the General Settings, accessible from the Tools menu of GDAdmin, choosing from the list your type of printer used labels.

The label printers currently implemented in GD are Zebra / Intermec PF78 and Dymo label

Zebra / Intermec PF8 labeller

On Options D of the General Settings, accessible from the Tools menu of GDAdmin, choosing the Zebra / Intermec PF8 printer from the list, click Configure to open the configuration mask, set the COM port on which the printer is connected and confirm; record the change to the general settings.

Dymo labellers with GD

GD supports Dymo printers through the StampaEtichetteDymo.dll library already included in the setup and updates.

Printing is performed by connecting to the printer software itself, which however must be installed using the one present in [ftp: //tol@ftp.targetinformatica.it/Dymo](ftp://tol@ftp.targetinformatica.it/Dymo)

This is because the software supplied in the cd with printers often does not work as it is too much old. The printer management program must be installed on the PC by double-clicking on the “7Cn7PPoq3DZuHa4qsZh9RimGYl32dynn.exe” file.

Currently 2 files have been created and made available to allow printing of the labels for the Dymo 11352 and 11354 paper formats, however the user can draw your own format with the Dymo program. In this case the label file created must be copied to the GDSQL directory with the name GDLABEL.LABEL

On Options D of the General Settings, accessible from the Tools menu of GDAdmin, choosing the Dymo label printer from the list, click on configure and then on record to confirm the modification of the general settings.

Meteor Mirò labeling machine and printers with TrueType Windows fonts

It is possible to use printers connected via USB like the Miro 'in GD as a label printer or those that have printing with Windows True Type drivers and fonts.

The new type allows the definition of the label structure with fonts and text. It is necessary to have the TrueType printer already connected to the PC. He currently manages the Mirò but can work virtually with any model, as unlike Dyme or Zebra, the printing program is similar to any other normal printer.

The upper part contains the settings organized in three folders: printer, label and lines; in the lower space the sheet with the previewed label is represented, based on the size of the paper and the label. To set what is necessary, first of all choose your printer in the list, then set the label size and finally choose the font for both the descriptive lines (1,2,4 and 5) and for the barcode line (3). For Mirò the default fonts are already offered, otherwise the choice is free. With the Print label button you can print a preview for checking the barcode with the scanner and to have a general idea of the result.

NB: With the Miro printer the font to be used for the barcode is IDAutomationC128XL (it is already the default) font size 14 otherwise the printout is not legible

Target Informatica Srl.



Alternatively the Miro 'printer is perfectly connectable and usable as if it were a ZEBRA having the EPL emulation if you use the cable and the PC serial port.



Interfaces / transponders supported by GD

Starting from ver. 6.2 the use of transponders and reading interfaces of various manufacturers was implemented in GDMobile on PDAs / smartphones, according to what is extensively described in the document GD Telematico Dispatch of Charges and summarized in the table of compatible systems continuously updated in the site GDVending.it address.

<http://www.gdvending.it/it-it/gdgestionedispenseri/sistemicompatibili.aspx>

Coges

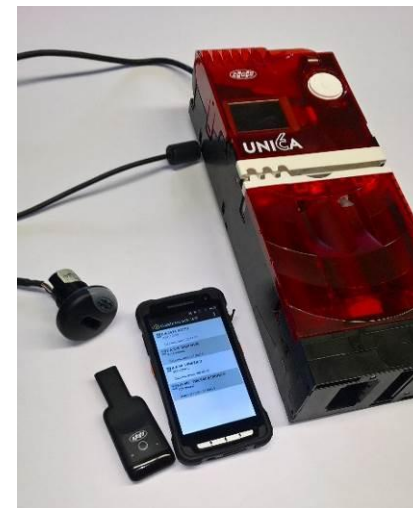
He presented a key called BTDatakey that allows to detect, from the nozzle where the user key is inserted, the statistics from any Coges system. The BTDatakey, with a logic similar to the IR Data-Key, the IRDA detection key already managed in GD, provides the handheld / smartphone with a Bluetooth connection through which GD on the handheld will acquire the detection.

The same BTDatakey also has an IrDA interface that can be used as an additional detection tool on payment systems with IRDA, making the detection available on the same Bluetooth channel. A salient feature is the Bluetooth Low Energy which should guarantee a week or so of autonomy and wireless charging, therefore without cables and connectors.

Note that this device and in general all Bluetooth Low Energy devices can only be connected to Android devices as no Windows Mobile device supports this type of protocol; Therefore, even if the Windows Mobile device is equipped with Bluetooth, it can not be connected via BT to BTDatakey (in the case as mentioned IrDA can be used in a manner similar to the IR-DATA KEY)

To date, the vast majority of users detects the data using the Datakey key with memory and take them to the office where they are downloaded and imported into GD. This method will no longer be allowed. Note however that the coin validators and the latest generation of Engine systems also have IrDA on board.

- **BTDatakey with GD (Win Mobile):** Not connectable
- **BTDatakey with GD (Android):** Available



Paytec (Fage / Vesiel)

The vast majority of systems are equipped with native IrDA (except Oscar Lite); in general the IrDA is quite used by users and GD in the Windows Mobile 6.2 version is able to read them. For systems that do not have one, an additional irDA interface is also available from the manufacturer.

Paytec also historically has a collection data key that is downloaded via a databox and creates files that can be imported into GD. This method will no longer be allowed.

Paytec has recently made available the BT6000, a portable data collection interface for the charger that, connected to a cable (to be mounted if not present in each coin mechanism) will make EVA-DTS detection available to handhelds via Bluetooth 4.0 Classic (so compatible with PDAs and Android). **From version 6.4D both the Windows Mobile and Android versions can use the BT6000 connected via cable to DEXsystems**

- **BT 6000with GD (Win Mobile):** Available
- **BT 6000 with GD (Android):** Available



N&W (Necta / Ade)

Most of the systems in circulation is not equipped with IrDA even if both ZIP and Mizip have the possibility to add a special interface. To date, users generally collect using the Maxikey key or an old Databox. These methods will no longer be allowed.

N&W sells an accessory called BlueRed "Portable" that by connecting the cable available on Zip and MiZip, conveys the EVA-DTS reading to the handheld / smartphone via IrDA or Bluetooth. Even Conpas systems are compatible with BlueRed, but there is no official mapping at the moment.

If you connect to your handheld / smartphone via Bluetooth, the BlueRed "Portable" must be paired once and for all with the handheld that uses it as any other Bluetooth serial device, as specified in the Bluered manual (chapter 3).

If you connect to your handheld via IrDA, reading from the handheld is done in the traditional way, again with the payment system connected by cable.

The BlueRed uses the Bluetooth Classic 4.0 mode: so it can be used both with Windows Mobile and with Android.

- **BlueRed Portable with GD (Win Mobile):** Available
- **BlueRed Portable with GD (Android):** Available

Use with other payment systems: The portable version with the addition of the Bridge cable, allows you to read other systems with the IrDA (the manufacturer has a compatibility list that updates periodically) and makes the data available in Bluetooth, even from the other systems it reads (ask the manufacturer for more information)

There is also a BlueRed "fixed" version that is mounted inside the machine, and provides IrDA port and BT, however, especially if BT is used, requires Bluetooth pairing of the terminal with each individual machine / system and is therefore not very practical. It is however compatible with GD.



Suzohapp (Comestero)

They created the Smart-IrDA a small device that connects to the audio jack of Android devices and is able to independently perform an EVA-DTS reading via DDCMP. It also has an additional jack interface for reading with the DEX protocol (headphone jack cable).

Attention: the Smart-IrDA uses the audio port of the devices and for this reason it is not necessarily compatible with all Android devices on the market. Refer to the manufacturer to find out the updated list of Android Smartphones / PDAs on which it has been tested.

As for the systems, the recent WorldKey has IrDA and Eva-Dts on board the same applies to the Eurokey Next. The Eurokey plus that were detectable with a special key or databox, cannot be updated and therefore will probably have to be replaced. Contact the manufacturer for more information.

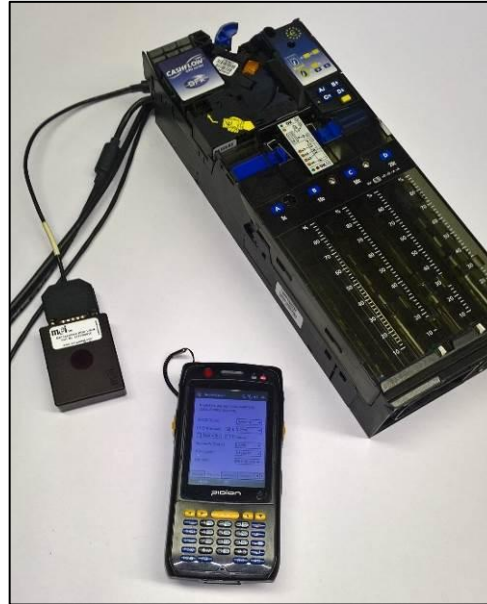
- **Smart-IrDA with GD (Win Mobile):** Not connectable
- **Smart-IrDA with GD (Android):** Available



Crane Payment Innovations (Mei / Mars).

It does not seem that CPI provides new particular reading accessories as all the coin validators from Mars 690 in forward they are equipped with IrDA or printer / IrDA interface cable since ever. Some newer models also have Bluetooth on board but this is only the

8500 series. The Mei coin validators, where present, are usually masters and therefore also supply the data of the connected key systems. Unless specifically verified, they are generally also supported by all transponders on the market.



In the case of coin validators not equipped with an IrDA interface on board, there are different adapter models also with different characteristics and speeds. Check with the manufacturer of the HW which is the most suitable for your coin validator fleet.

Elkey

They have been producing key systems for many years.

Pico systems cannot be used after 1/04/2017. The Atto systems, although equipped with infrared, are not standard EVA-DTS and cannot be read via IrDA with standard PDAs and transponders, if they are not properly modified by the manufacturer. The most modern Bubble and Thor have IrDA and EVA-DTS on board.

Elkey is going to put on the market a Bluetooth key called Blue Interface that can read any of their systems among those described above (Pico excluded). **From version 6.4D it is possible to acquire the data of Thor systems also through the Blue Interface**

The BlueInterface uses the Bluetooth Classic 4.0 mode: therefore it can be used both with Windows Mobile and with Android.

- **Blue Interface with GD (Win Mobile):** Available
- **Blue Interface with GD (Android):** Available



Mark VMV

UniKey produces systems and there are two versions on the field: UniKey (also called UniKey 1) and UniKey2.

UniKeyThe version was not originally equipped of IrDA + EVA-DTS but there is a special kit supplied by the manufacturer that contains new processor and firmware and cable with IrDA LED.

The Unikey 2 version is natively equipped with an external IrDA interface and EVA-DTS detection. Both have been tested and read in GD with the Windows Mobile version.

Collection tools that store and carry data in the type office **Mark Unireader** and the like are no longer valid and therefore in the current state are not usable. Perhaps they will produce a version of the Unireader with a Bluetooth interface but nothing is still available.



Other DEX systems (for example NRI Clip, Coinco Global)

Even systems with the Dex standard (alternative to the DDCMP IrDA but still EVA-DTS) can be acquired in GD. Since these systems generally have a RS232 serial connection on a jack cable, in general it is necessary to have adequate PDAs / smartphones. Since both Windows Mobile and Android do not have a suitable physical connection, it is possible to acquire the aforementioned systems using the transponders described above or for example for Windows Mobile Paytec BT6000 while for Android the SuzoHapp Smart-Irda. Of course, actual wiring and compatibility must be checked case by case, as well as the reliability of the data provided.

From version 6.4D the DEX protocol is also supported in Android directly via Bluetooth via the BT6000, so devices like the NRI Clip can also be read by Android handhelds.



Saeco Card

In the GD state it takes data from the Saeco software in the office, a method that can no longer be used. However, they are equipped with a serial port and a proprietary protocol that we are verifying to implement in the terminal. To date there is still no solution in GD.

Operating notes for the use of the main transponders (6.3A)

Taking them directly from the manufacturers 'manuals and from our users' experience in the field, we report below the main operational notes useful for the use of transponders in the acquisition of payment systems. Far from wanting to be exhaustive, they nevertheless represent a good starting point considering that these tools introduce an additional level of electronics between the payment system and the handheld / smartphone.

To the link of <http://www.gdvending.it/it-it/risorse/documentazione.aspx> you will find the manufacturers' manual to which we refer for all the other information

IR Data-Key Coges

The use and the situation of the key and the outcome of the acquisition are communicated to the user through LEDs.

PHASE 1

The ECS reader tests the presence of the DataKey. If the key is present, the orange LED of the IrDataKey key is lit. Typically an error signal appears in the machine. When the orange led turns on, you can start the detection with the palmtop.

 The red led lights up at this time if the key formatting is incorrect (typical is the wrong operator code)



At this moment the key reads the data from the system and the handheld is waiting (even up to 2/3 minutes depending on the statistics)

PHASE 3

The key has concluded to load the data from the system, and from here on the normal communication takes place according to the EVA-DTS standard. The green key LED flashes when sending to the handheld.

At the end the LEDs indicate the result of the reading

 FLASHING RED LED reading completed but finish not received

 FLASHING GREEN LED key reinserted in another block but still contains the previous reading

 FIXED GREEN LED reading successfully completed by the handheld

BTDataKey Coges

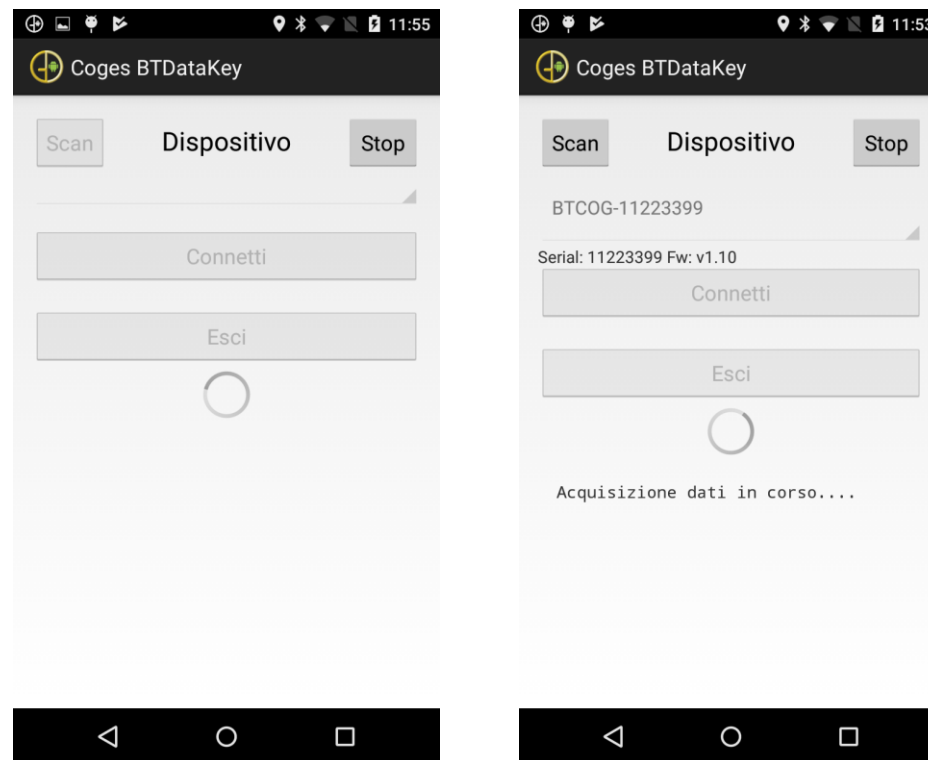
As said this device uses the BLE (Bluetooth Low Energy) which has a different behavior from the other systems, as it does not there is a "fixed" mapping of the device, but the PDA searches for LE devices and allows it to be mapped on the fly. When you are asked to use the BTDatakey, the form,

when you open the scan for the device search starts automatically. if no device is found within 10 seconds, the scan can be repeated using the 'Scan' button. The 'Stop' button stops the scan in progress and also has a mask reset function.

The drop-down box is filled with the BLE devices present.

To start reading, select a device (after scanning) and press the connect button.

Immediately below the selected device is displayed the serial and the firmware read by the same. In the event of errors the mask is automatically reset so to repeat the reading it is necessary to repeat the scan.



In the general settings, with regard to the Coges BtDataKey devices, a new option has been added 'BLE scan time (Sec)'
In settings / EVADTS SETTINGS

(Default 5 seconds), it is the search time of the mask of BLE devices Coges datakey ; It is possible to reduce this time up to a minimum of 3 seconds as it is also possible to increase it, if necessary.

Since the BTDataKey device is able to perform various functions with various reading modes, and provides many indications also through its own LEDs, it is advisable to read the Coges manual and also update the device's firmware regularly, according to the manufacturer's instructions same. Particular attention must be paid to the possible signaling of data present inside the key (triple flashing of the green led) that have not been transmitted to the handheld (this can happen due to a BT error). This data is transferred to the handheld device upon subsequent detection, therefore in these cases the acquisition must be repeated while on the handheld you are in the same dispenser, otherwise they could be associated with a different system.

N&W BlueRed

For a more stable data acquisition, when reading the BlueRed (connected with the cable to the system) via IrDA from the handheld device, follow the steps indicated by the manufacturer that is:

A - Connect the BLURED with the machine off

B - Power the DA

C - Press the BLURED button to activate communication via IRDA. (Check that the BLURED LED and the reader LED are lit with a steady red light)Start

D -the collection with a palmtop

In fact, reading is only possible if the pressure on the BLURED corresponds to a change in the LEDs in the MIZIP block, or that there is a dialogue between the 2 objects. If the BLURED is connected with the MIZIP turned on, at times the MIZIP LEDs stop flashing and by pressing the BLURED button I could not see variations in the MIZIP LEDs.

Attention: for the IRDA reading it is possible to press the button only until the LED of the Bluered is red

Notwithstanding the above, in the case of Bluetooth reading, the LED turns blue as soon as the handheld dialogue is established with BT.



BT 6000 Paytec

It has one or two LEDs depending on the version. In any case, if the flashing is ALTERNATE, it means that the device is switched on. The rapidity of the flashing indicates the charge of the battery (rapid flashing 3 = maximum charge, 2 medium, 1 minimum, 0 discharge)

RFTech / Comestero Smart-Irda

There are no particular indications for picking but being a device that connects through the door audio of the Android smartphone / PDA, check in case of problems that the

- 1) device is in the list of handhelds tested by the manufacturer; the same applies to the payment system that you want to read.
- 2) The average volume of the mobile phone / smartphone is at most
- 3) There have been set as required by the device, Audio Filter and Input Latency and the specific settings. In any case, first of all, check that the manufacturer's application reads correctly.

From version 6.3I GD also manages the situation that was reported to us in the field where, due to the lack of communication between the Smart-IrDa device and the phone, the withdrawal file remained in the Smart-IrDa itself and the operator, at because of the error, it performed a second reading of the master system. In this situation the correct reading if completed remained in the Smart-Irda and the one taken from the phone generally contained values at zero. In these cases GD will deactivate the Acquire button, and activate the Withdraw File button with which to retrieve the correct reading.

From this version it is also possible to use the Smart-IrDa also with RS-232 wiring as well as via infrared.

As known, if the payment system in GD is set as "Dynamic DDCMP", after the initial connection to 2400, the maximum possible connection speed is negotiated between the PDA and the payment system. Some payment systems (typically the older ones but not only) sometimes are not reliable at higher speeds, even if in the initial negotiation stage they declare that they are. In these cases from version 6.6L, the operator can reduce the maximum speed at which the dialogue forcing one lower than that declared by the payment system. This allows reading at a lower speed and therefore sometimes bypassing IrDa reading problems.

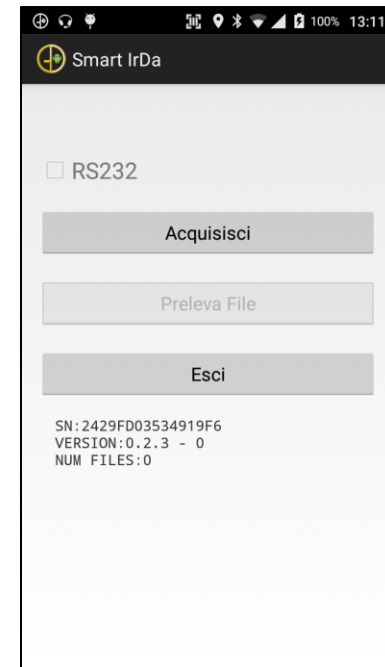


Table of compatible systems

Manufacturer	Model	Technical connection not indicated for certification / electronic transmission payments	Certification / electronic transmission payments	
			Compatible products	Data collection mode WM = Windows Mobile AND = Android
Coges	Engine Data, ECS Platinum, ECS Titanium, ECS Iridium, ECS Point Executive, ECS Point MDB, ECS Slim, ECS Full, ECS IDEA 4 COL, EuroCoin, PROFIT, Aeterna, FastCharger, Change	DataKey, KeyAnalyzer, K4U Analyzer, USB Data Key Unireader 2 Mark for reading via IrDA	All models with IrDA or in any case compatible with IR Data-Key / BTDatakey	WM: direct IrDA (where available), IR Data-Key, direct Bluetooth (where available) . NB: the BTDataKey cannot be used with Windows MobilePDAs AND: BTDatakey (connection to the system through the keyhole or IrDA reading)
N&W Global Vending / ADE	Conpas, Zip,	MiZip Maxikey, Zip Data Key, Unireader 2 DataBox Mark for reading via IrDA	Zip, MiZip, Conpas (*)	WM: IrDA direct (where available), IrDA via BlueRed, Bluetooth via BlueRed AND: IrDA via BlueRed and Bluetooth via BlueRed (the connection to the system in both cases is via serial TTL cable)
Mei / Mars	CashFlow 690 and 7900 coin acceptor (7000 series), 8500 (8000 series) Mei Pay system	USB key Unireader 2 Mark for reading via IrDA	Allmodels	WM: Direct IrDA (where available) or through a portable interface connected to the printer cable AND: Using any compatible transponder with an IrDA interface (**), where available on the
Elkey	Atto, Pico, Thor and Bubble system	Key or data download handheld Unireader 2 Mark for reading via IrDA	Atto (*), Thor and Bubble	WM: Direct IrDA (where available) or Bluetooth via Elkey Blue Interface AND: Using any compatible transponder with an IrDA interface (**), where available on the system or Bluetooth via Elkey Blue Interface
Paytec / Fage	Giotto, Leonardo, Jedy, Oscar, Giody, Cai man, Eagle ...	Databox Unireader 2 Mark for reading via IrDA	Giotto(* 24), Leonardo, Jedy, Oscar, Giody, Caiman, Eagle ...	WM: direct IrDA (when available), Bluetooth via BT6000 (connection via cable system) AND : Using any compatible transponder with an IrDA interface (**), where available on the
Suzohapp / Comestero	EuroKey Plus system, Eurokey Next, World Key, RR6 HD	USB Databox Unireader 2 Mark for reading via IrDA	Eurokey Next (* 24), WorldKey, RR6 HD	WM: Direct AND IrDA: IrDA via Smart – IrDA (audio interface)
Coinco	Global, Guardian	Unireader 2 Mark for reading via IrDA	Global, Guardian	WM: Direct IrDA AND: Using any compatible transponder equipped with an IrDA interface (**) where available on the system, or via DEX cable with Comestero Smart-IrDA
NRI	G46 Series, Currenza C2, Clip	Unireader 2 Mark for reading via IrDA	Series G46, Currenza C2, C2 Clip (DEX cable)	WM: IrDA direct where available and C2 Clip via BT 6000 connected with DEX cable AND: IrDA via Comestero Smart – IrDA (C2 Clip with BT6000 or Smart IrDA connected with DEX cable)
VMV / Mark	Uni Key	Audit key (EVA-DTS file)	Unikey (with IrDA kit) and Unikey V2 (* 24)	WM: IrDA direct AND: Using any compatible transponder with IrDA interface (**)
Siellaff	Vending machines	Unireader 2 Mark for reading via IrDA	Vending machines (*)	WM: IrDA direct AND: Using any compatible transponder equipped with an IrDA interface (**)



V / M Necta, *** Bianchi in mdb	Vending machines	Unireader 2 Mark for reading via IrDA or via Dexcable	Vending(* machines	)	WM: IrDA direct or Dex via BT6000 AND: Using any compatible transponder equipped with an IrDA interface (**)

Notes: In general, all payment systems that have an RS232 serial port and are equipped with the EVA-DTS protocol on board are available for purchase with GD dispenser Management or in GD Data Collector directly both via IrDA and via cable with DEX and / or DDCMP protocol via Unireader 2 Mark. ***Keep in mind, however, that only data collection carried out, signed and transmitted in the immediate vicinity of the GD-equipped terminal / smartphone is permissible for the electronic transmission of the payments in force since 1/1/2017***

(*). Producer mapping not available

(**) For simplicity of the scheme, the new transponders (eg BTDatakey) show the manufacturers' systems as legible, but in general different systems have generic EVA-DTS reading modes and therefore are potentially able to read any other manufacturer's system. Naturally the compatibility between the transponder and the payment system must be verified with the respective producers

(***) GD Gestione dispenser has a completely configurable EVA-DTS data interpretation system, so if you have machines available that work in mdb (produced by Bianchi, Necta or others) that make statistics according to the EVA-DTS protocol available with the GD handheld, these can be detected and the data used in transmissions to the Revenue Agency. In these cases, however, since the mdb machines are the master system and are the collector of the collection and sale information to be transmitted, it is even more important to check from the operator with the various manufacturers involved that the machines store all the necessary information and that the data mapping set by the manager in GD is correct, model by model.

(* 24) Fixed speed DDCMP 2400

Table of compatible coin countersorter

Selex	V1 (Only) V2 (Membrane keyboard) Moon Venus	RS232 serial cable	In the V1 model it is necessary to have an additional serial interface and connect the Whip B. (Hearing the manufacturer for more information). Other models usually have a serial interface (in some models the connection to the PC is an alternative to the use of the printer on the machine)
Sitrade	Mach 5 6800 series Mach 6 Sitrade Pelican CT309	RS232 serial cable	They generally have a serial interface.
Scan Coin	SC 20/22 and SC202 2200 Active 1.04	RS232 serial cable	They generally have a
Comestero	701	serial interface. RS232 serial cable	It generally has a serial interface.
Procoin	420	RS232 serial cable	Generally has a serial interface.

