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REA n. 175756

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MGTmanuale





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INTRODUCTION

In the following document you will find the main features regarding the I24Manager software. I24Manager is a very reliable product management software. It is multilingual and specially developed for all markets. He works every day, 24 hours a day, 7 days a week and 365 days a year. I24Manager is completely based on an integrated window platform. It is very smart, reliable and provides substantial features. The software can be adjusted to specifically accommodate each market, ensures compliance, judgments, classifications and integration with payment systems.

These are some of the main features:

- Easy to use
 - The interface can be modified to be consistent with the chosen branding strategy.
 - Ability to send alert emails for each type of transaction.
 - Can be integrated with any company badge.
 - Statistical and reporting functions allow you to view transaction history and compare sales information.
 - Possibility to access the software remote through the internet.
 - Management of unlimited distribution networks
 - The Dispenser modules are equipped with an email alarm.
 - Compatibility with any barcode format and type of hardware reader.
-

Hardware:

It consists of a PC with Windows 10 operating system, touch-screen monitor (1024 x 768).

Software:

I24Manager, as previously mentioned, represents the management software for the automatic warehouse and is supplied together with it.

It works in association with the following application modules:

- WDMA
- I24Manager

In the user manual we would go into more detail about every single button and function.

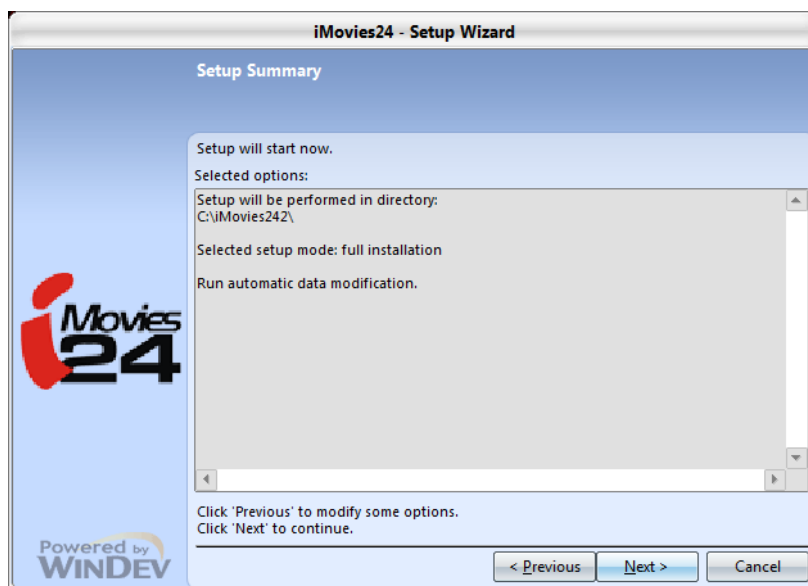
MAIN FEATURES

Software installation procedure:

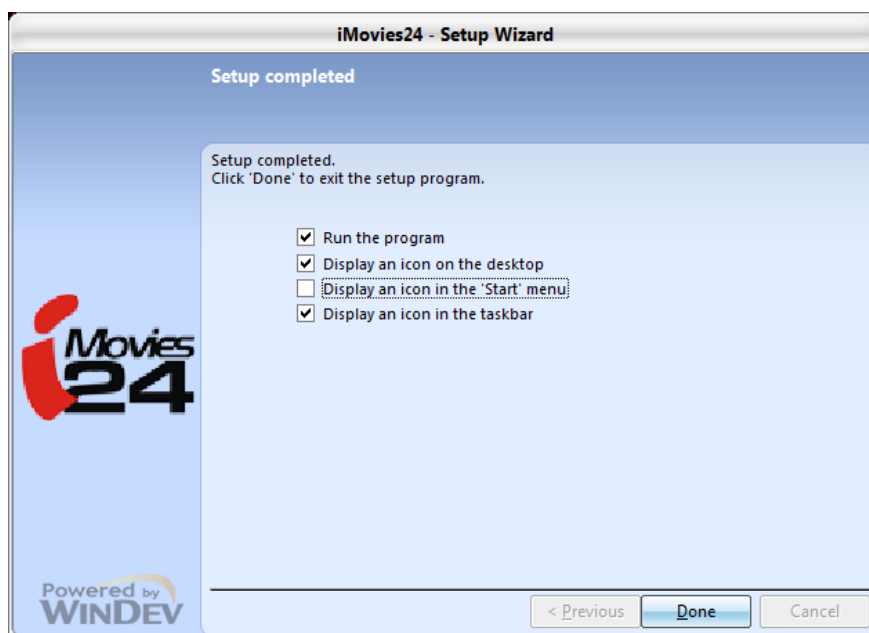
1. Run the i24ManagerSetup.exe file. (the user running the program must have administrator privileges on the machine).
2. A window will appear asking you to accept the license terms to continue with the installation.
3. Select the software installation folder (usually C:\i24Manager) and press NEXT.
If the folder does not exist, you will be asked to confirm to create it.



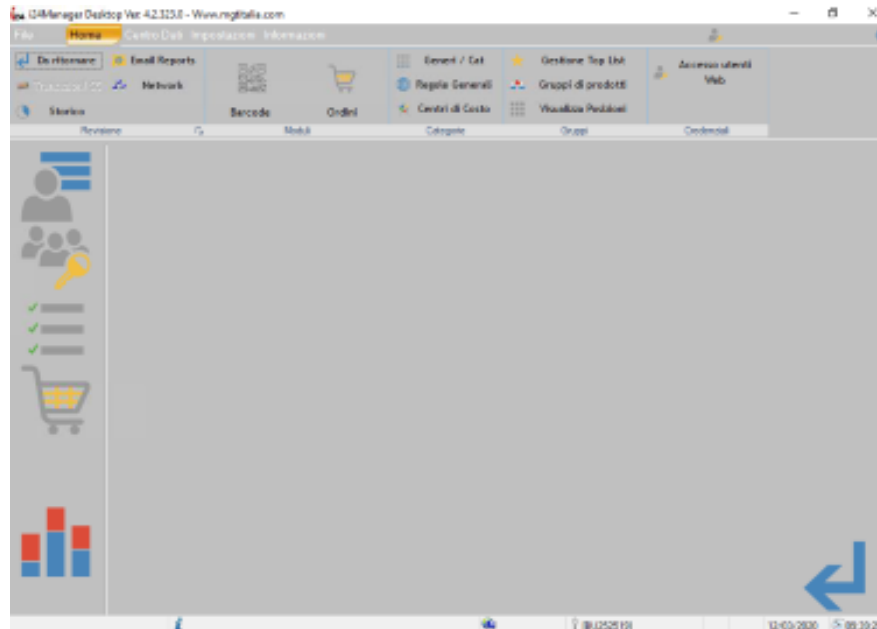
1. Press NEXT to begin the installation procedure.



1. To exit the installation program, select the necessary options and press DONE



INITIAL SETTINGS



/desk

If you run the i24Manager.exe file with the "/desk" parameter (c:\i24Manager\i24Manager.exe /desk) will open the required management interface.

/server

If you run the i24Manager.exe file with the "/server" parameter (c:\ i24Manager\i24Manager.exe /server) will open the required management interface. This parameter is used only when you have a centralized kiosk network with a single server PC. This means that each distributor will download the information directly from the server and directly send the history, transactions and information to the server.

/robot

If you run the i24Manager.exe file with the "/robot" parameter (c:\ i24Manager\i24Manager.exe /robot) the software user interface will open.

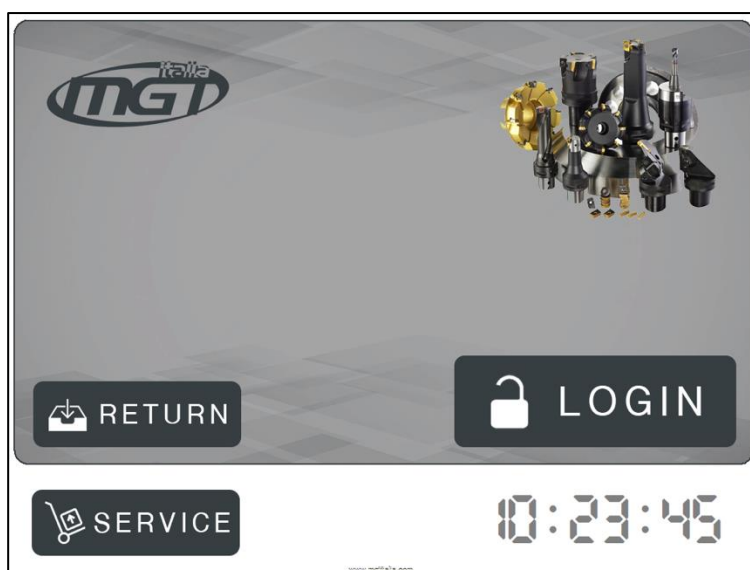
It is necessary to insert the Windows autorun link to automatically activate the application when the PC is restarted.



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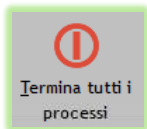


From the user interface it will be possible to switch to the management interface by pressing the F11 key on the keyboard, or to switch to the Windows desktop by pressing F12 (closing the software)

FILE

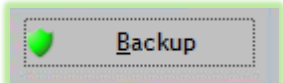
4.1 SOFTWARE CLOSURE

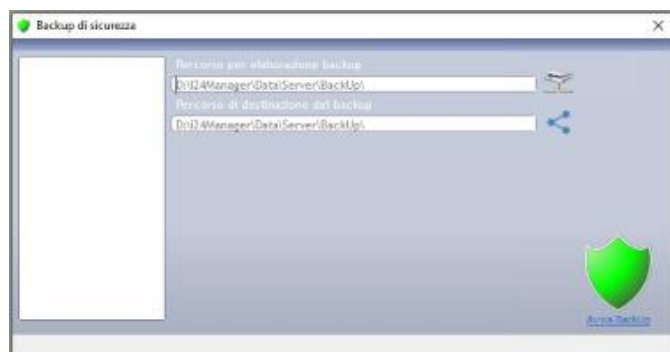
To close the software, click (**File**) located at the top left of the program and press the button




, by pressing the X at the top right the program does not close, and remains open in the background as a process.

4.2 BACKUP

To start the Backup, press the button  , the table indicating the creation path will open



If necessary, modify the route and then press the button  to confirm

To restart the software, press the button  located in the (**File**) menu

HOME

i24 i24Manager Desktop Ver: 4.3.588.0 - Www.mgtitalia.com

File
Home
Centro Dati
Impostazioni
Informazioni

Da ritornare
Email Reports
Prenotati
Network
Storico
Transazioni CC
Barcode
Ordini
Generi / Cat
Regole Generali
Centri di Costo
Gestione Top List
Gruppi di prodotti
Visualizza Posizioni
Accesso utenti Web
Fornitori

Revisione
Moduli
Categorie
Gruppi
Credenziali

5.1 TO BE RETURNED

In the section to be returned we see all the returnable products returned (state 5) or still in use by the operator (state 2)

Prodotti da ritornare

Prodotto affidato in attesa di inserimento del vassoio

Prodotto ritornabile in attesa di restituzione

Vassoio per la restituzione consegnato, in attesa di reinserimento

Operazione conclusa correttamente

ID Utente	Nome Utente	Descrizione	ID Magazzino	Stato	Qtn	Vassoio	Barcode	ID Fornitore	Data Or Modific.
481323CD7B63431D48C04359D	PROVA	VCMT160408 - WPP20.	BU252519	5	5	1	10007		09/03/2020
481323CD7B63431D48C04359D	PROVA	VCMT160408 - WPP20.	BU252519	5	0	1	10007		09/03/2020
481323CD7B63431D48C04359D	PROVA	VCMT160408 - WPP20.	BU252519	5	7	1	10007		09/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	Q26.5 - 452H-26.5	BU252519	5	1	2	CUSPID1156		11/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	Q26.5 - 452H-26.5	BU252519	5	4	1	CUSPID1156		11/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	VCMT160408 - WPP20.	BU252519	5	1	1	10007		04/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	Q26 - 452H-26.	BU252519	5	0	1	INS.1000		04/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	Q22 - 451H-22.	BU252519	5	0	1	KEY0001		04/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	Q22 - 451H-22.	BU252519	5	1	1	KEY0001		04/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	Q23 - 151T-23.	BU252519	5	1	1	12345		04/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	VCMT160408 - WPP20.	BU252519	5	1	1	10007		04/03/2020
0C57CF9EC3CB2E53EF208A74D	TEST	Q23 - 151T-23.	BU252519	5	1	1	12345		04/03/2020

There are 4 different types of colour:

RED: if we have withdrawn through login and have not returned the tray

YELLOW: returnable product still in the care of the operator

BLUE: the operator requested the tray via the Return command for return, but did not return it

GREEN: operation cycle completed correctly

In case of errors due to the distributor being out of service, we can delete the records by right clicking on the user ID, selecting the item (**Delete record**).

Prodotti da ritornare

Prossimo affidamento in attesa di inserimento del vassoio: DA 27/02/2020 00:00:00 A 12/03/2020 23:59:59 Refresh

Prodotto ritornabile in attesa di restituzione

Vassoio per la restituzione consegnato, in attesa di reinserimento

Operazione conclusa correttamente

Id Utente	Nome Utente	Descrizione	Id Magazzino	Stato	Qte	Vassoio	Barcode	Id	Data Or
4B1323CD7B63431D48C...	BU252519	5	5	1	10007		09/03/2020
4B1323CD7B63431D48C...	Edit Customer		BU252519	5	0	1	10007		09/03/2020
4B1323CD7B63431D48C...	Delete Record		BU252519	5	7	1	10007		09/03/2020
0C57CF9EC3C82E53EF2	Batch		BU252519	5	1	2	CUSPID1156		11/03/2020
0C57CF9EC3C82E53EF2			BU252519	5	4	1	CUSPID1156		11/03/2020
0C57CF9EC3C82E53EF2	Cut		BU252519	5	1	1	10007		04/03/2020
0C57CF9EC3C82E53EF2			BU252519	5	0	1	INS.1000		04/03/2020
0C57CF9EC3C82E53EF2	Conv '4B1323CD7B63431D48C04359D...		BU252519	5	0	1	KEY0001		04/03/2020

5.2 HISTORY

In the history we can view all the operations carried out in a certain period and at a certain time, we can filter by type of distributor or type of operation, and see the total expenditure.

Each table can be printed or saved in Excel format by simply pressing the center of the table with the right mouse button

E9304580103140 C13 EPB HOLDER SOLID 1

Ricerca

Codice BCD	Descrizione	Gruppo	Sotto Gruppo	n°	a Stoc	Da Rientra	Fornitore	Codice Fornitore	Consumabili	Max	MinLeve	Reorder Le	MaxLev	Codice Alias	Resti	Confezi	SellPrice
00034448	E347658010680 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00034448		1	-1	0	0		0		€ 0,00
00034449	E347658010880 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00034449		1	-1	0	0		0		€ 0,00
00034450	E347658011080 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00034450		1	-1	0	0		0		€ 0,00
00040352	C02005-T06P C60 SPARE PARTS	RICAMBI	RICAMBI FRESATUR				SECO TOOLS ITA	00040352		1	-1	0	0		0		€ 0,00
00040421	C04011-T15P C60 SPARE PARTS	RICAMBI	RICAMBI FRESATUR				SECO TOOLS ITA	00040421		1	-1	0	0		0		€ 0,00
00047866	E3476580103140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00047866		1	-1	0	0		0		€ 0,00
00048122	E3476580104140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00048122		1	-1	0	0		0		€ 0,00
00048125	E3476580106140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00048125		1	-1	0	0		0		€ 0,00
00048139	E3476580108140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00048139		1	-1	0	0		0		€ 0,00
00048163	E3476580110140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAISO				SECO TOOLS ITA	00048163		1	-1	0	0		0		€ 0,00
00089962	XOMV_090308TR-ME06_F40M INSERTO RAS	FRESATURA	INSERTI FRESATUR	3	22		SECO TOOLS ITA	00089962		10	-1	0	30		10		€ 0,00
00096470	E9304580103100 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096470		1	-1	0	0		0		€ 0,00
00096471	E9304580103140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096471		1	-1	0	0		0		€ 0,00
00096472	E9304580104100 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096472		1	-1	0	0		0		€ 0,00
00096473	E9304580104140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096473		1	-1	0	0		0		€ 0,00
00096474	E9304580105100 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096474		1	-1	0	0		0		€ 0,00
00096475	E9304580105140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096475		1	-1	0	0		0		€ 0,00
00096476	E9304580106100 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096476		1	-1	0	0		0		€ 0,00
00096477	E9304580106140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096477		1	-1	0	0		0		€ 0,00
00096478	E9304580108100 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096478		1	-1	0	0		0		€ 0,00
00096479	E9304580108140 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096479		1	-1	0	0		0		€ 0,00
00096480	E9304580110120 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096480		1	-1	0	0		0		€ 0,00
00096484	E9304580112170 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096484		1	-1	0	0		0		€ 0,00
00096487	E9304580114180 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096487		1	-1	0	0		0		€ 0,00
00096764	E9304580112130 C13 EPB HOLDER SOLID SI	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	00096764		1	-1	0	0		0		€ 0,00
02207176	C8-391.02-63120AC12 HOLDER SECO CAPT	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	02207176		1	-1	0	0		0		€ 0,00
02207177	C8-391.27-40095 C12 HOLDER SECO CAPT	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	02207177		1	-1	0	0		0		€ 0,00
02300848	C8-391.27-25085 C12 HOLDER SECO CAPT	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	02300848		1	-1	0	0		0		€ 0,00
02300849	C8-391.27-32090 C12 HOLDER SECO CAPT	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	02300849		1	-1	0	0		0		€ 0,00
02421525	C45011-T20P C60 SPARE PARTS	RICAMBI	RICAMBI FRESATUR				SECO TOOLS ITA	02421525		1	-1	0	0		0		€ 0,00
02440215	C02506-T07P C60 SPARE PARTS	RICAMBI	RICAMBI FRESATUR				SECO TOOLS ITA	02440215		1	-1	0	0		0		€ 0,00
02441041	C02245-T07P C60 SPARE PARTS	RICAMBI	RICAMBI FRESATUR				SECO TOOLS ITA	02441041		1	-1	0	0		0		€ 0,00
02483617	179.17-690-T15P C60 SPARE PARTS	RICAMBI	RICAMBI FRESATUR				SECO TOOLS ITA	02483617		1	-1	0	0		0		€ 0,00
02527212	C8-391.02-630808 C12 HOLDER SECO CAP	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	02527212		1	-1	0	0		0		€ 0,00
02532819	C6-391.0584-40100 C12 HOLDER SECO CA	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	02532819		1	-1	0	0		0		€ 0,00
02532825	C8-391.0584-40110 C12 HOLDER SECO CA	ATTREZZATUR	ATTREZZATURAHSK				SECO TOOLS ITA	02532825		1	-1	0	0		0		€ 0,00

Storico Movimenti/Transazioni										
Filtro TUTTI						DA	12/11/2021	00:00:00	Aggiorna	
						A	19/11/2021	23:59:59		
Id Batch	Id Utente	Nome Utente	Id Magazzino	Id Titolo	Descrizione	Tipo Movimento	Data Ora	QTY	QNT	Codice Fornitore
8ef4a296dd874	18588A3034C0C	TEST	BU274221	2	INSERTO CNMG	RITORNO SU LOGIN	19/11/2021 10:50:25	9	9	00001
8ef4a296dd874	18588A3034C0C	TEST	BU274221	2	INSERTO CNMG	PRELIEVO SU LOGIN	19/11/2021 10:49:27	10	-10	00001
d36fee62cf434	18588A3034C0C	TEST	BU274221	4	PUNTA FRESA	CARICO MAG	19/11/2021 09:49:10	10	10	10037
8825e767a94a4	18588A3034C0C	TEST	BU274221	3	PUNTA TORNIO	CARICO MAG	19/11/2021 09:48:38	10	10	10030
429e894b95254	18588A3034C0C	TEST	BU274221	1	MASCHIO M8	CARICO MAG	19/11/2021 09:48:06	10	10	00003
8cc379c252c04	18588A3034C0C	TEST	BU274221	2	INSERTO CNMG	CARICO MAG	19/11/2021 09:47:36	10	10	00001
958a012acf014	18588A3034C0C	TEST	BU274221	4	PUNTA FRESA	ELIMINO MAG	19/11/2021 09:46:37	6	-6	10037
958a012acf014	18588A3034C0C	TEST	BU274221	3	PUNTA TORNIO	ELIMINO MAG	19/11/2021 09:46:11	6	-6	10030
958a012acf014	18588A3034C0C	TEST	BU274221	2	INSERTO CNMG	ELIMINO MAG	19/11/2021 09:45:48	7	-7	00001
958a012acf014	18588A3034C0C	TEST	BU274221	1	MASCHIO M8	ELIMINO MAG	19/11/2021 09:45:27	6	-6	00003
81dcd13db4f84	18588A3034C0C	TEST	BU274221	4	PUNTA FRESA	RITORNO SU LOGIN	19/11/2021 09:34:58	6	6	10037
cba2771135b24	18588A3034C0C	TEST	BU274221	3	PUNTA TORNIO	RITORNO SU LOGIN	19/11/2021 09:34:26	6	6	10030
1ce4456692d74	18588A3034C0C	TEST	BU274221	1	MASCHIO M8	RITORNO SU LOGIN	19/11/2021 09:33:54	6	6	00003
de2912d1b8164	18588A3034C0C	TEST	BU274221	2	INSERTO CNMG	RITORNO SU LOGIN	19/11/2021 09:33:24	7	7	00001
1ce4456692d74	18588A3034C0C	TEST	BU274221	1	MASCHIO M8	PRELIEVO SU LOGIN	19/11/2021 09:32:32	7	-7	00003
Totale								367	39	
Conteggio								45		
Media								8		

Reading the various fields:

IDBATCH: id of the job

USER NAME: name of the operator who carried out the operation

DESCRIPTION: title of the moved product

MOVEMENT TYPE: type of movement (see table below)

DATE TIME: date and time of the movement

QTY: absolute value

QNT: value taken with sign - or added if positive

SUPPLIER CODE: supplier code

INFO: product code (can be random or be the code used by the customer in their management system)

TRANSACTION: the operation is defined, single, multiple, broken object, defective object, internal withdrawal

AMOUNT: cost of the item

DISCOUNT: discounts

TAX: iva

ADD DATE: date of addition of the article to the management system

LOADING DATE: date of loading of the product into the warehouse

PRODUCT GROUP: group to which the product belongs if inserted

COST CENTER: cost center for which the operation was carried out

TRAY TYPE: tray topology BO1, BO2, BO3, (etc.)

CELL N°: cell number where the product is allocated

SYNC: synchronization with the server

DATE:

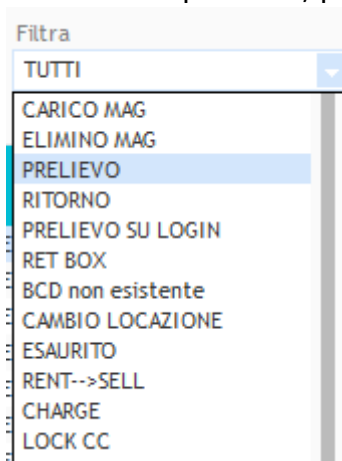
NOW:

ID TIME:

SYNC BT: border table synchronization with customer management software

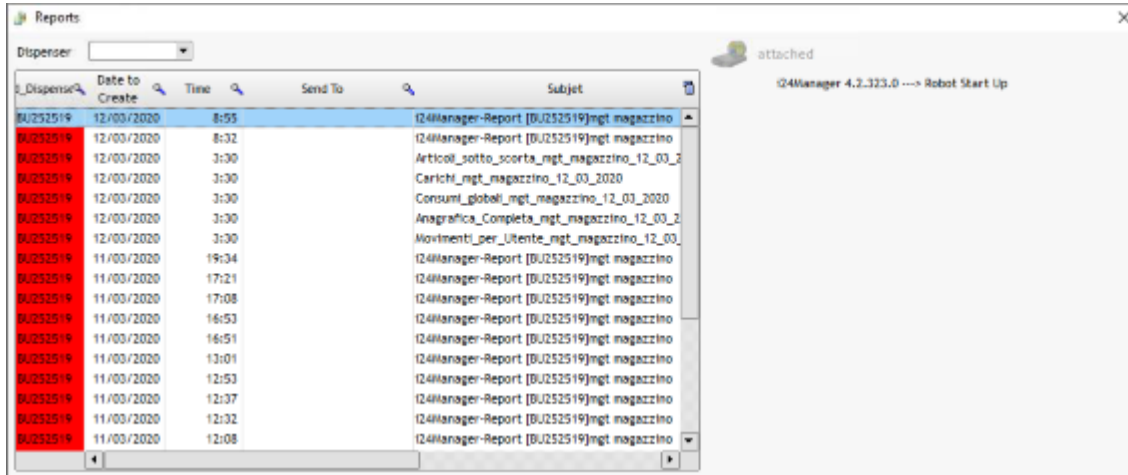
SESSION ID: work session id

To filter the operations, press at the top of the filter table and select the desired movement.



5.3 EMAIL REPORTS

In this section you can view the emails generated, and whether they were sent successfully or not.



Dispenser	Date to Create	Time	Send To	Subject
BU252519	12/03/2020	8:55	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	12/03/2020	8:32	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	12/03/2020	3:30	info@mgtitalia.com	Articoli_sotto_scorta_mgt_magazzino_12_03_2
BU252519	12/03/2020	3:30	info@mgtitalia.com	Carichi_mgt_magazzino_12_03_2020
BU252519	12/03/2020	3:30	info@mgtitalia.com	Consumi_globali_mgt_magazzino_12_03_2020
BU252519	12/03/2020	3:30	info@mgtitalia.com	Anagrafica_Completa_mgt_magazzino_12_03_2
BU252519	12/03/2020	3:30	info@mgtitalia.com	Movimenti_per_Utente_mgt_magazzino_12_03_2
BU252519	11/03/2020	19:34	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	17:21	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	17:08	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	16:53	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	16:51	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	13:01	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	12:53	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	12:37	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	12:32	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino
BU252519	11/03/2020	12:08	info@mgtitalia.com	I24Manager-Report [BU252519]mgt magazzino

Reading main fields:

DISPENSER ID: serial number of the warehouse from which the email was sent

DATE TO CREATE: creation date

TIME: time at which the email was sent

SEND TO: recipient's email address

SUBJECT: subject of the email sent

The DISPENSER ID can have 3 states:

RED: the email was not sent (no recipient, no network)

YELLOW: the email did not reach the recipient (possible connection problem, incorrect recipient name)

GREEN: the email has been delivered to the recipient

5.5 BARCODE

With this function we will generate the barcode identifying the various items.

To print barcodes, you need to keep the product list open and then press on



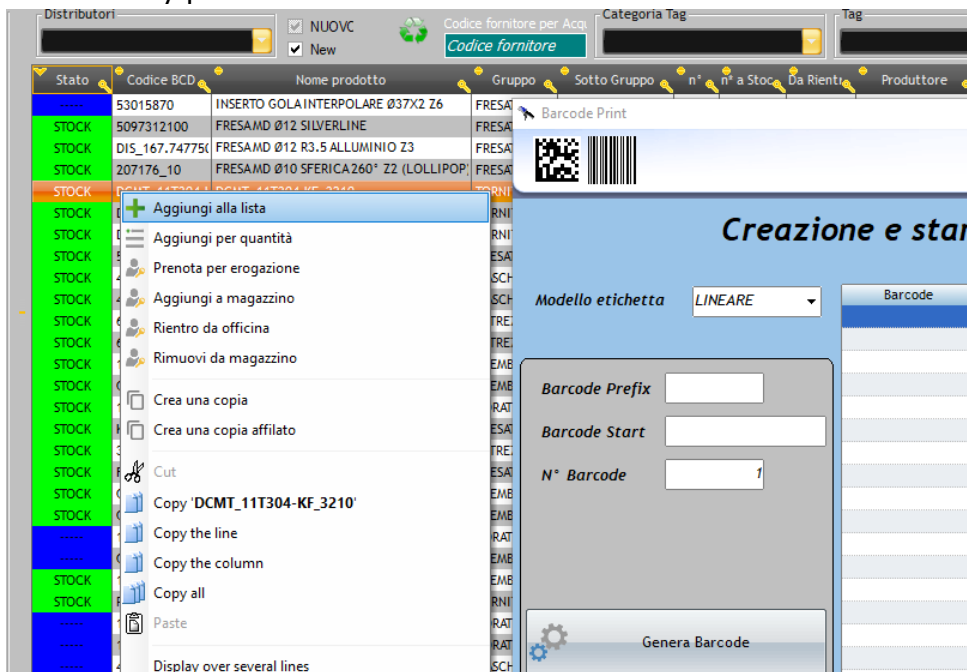
Instructions for adding product barcode:

- Position yourself on the product's BCD code

By right-clicking of the mouse, the following options will appear:

- ADD TO LIST: If we want to add only one code per product type
- ADD BY QUANTITY: If we want to add as many codes as trays of the same product, we must

insert as in the example. **Max N°/cell** 10 pointing **Livello Max** 100 this function will automatically print 10 labels.



Then we will see our product appear in the central table.

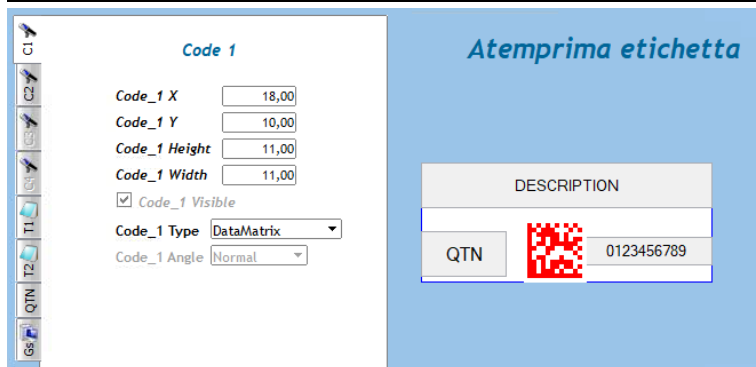
On the right of our table we notice 4 fields:



SETTINGS

In the settings section, we will be able to modify the printing parameters of our labels and we will be able to view the print preview.

ALL MEASUREMENTS ARE EXPRESSED IN MILLIMETERS



Code_1 X (horizontal displacement)

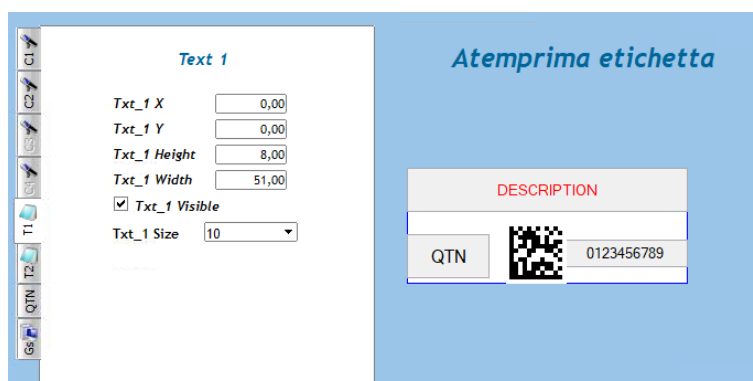
Code_1 Y (vertical displacement)

Code_1 Height (code height)

Code_1 Width (code width)

Code_1 Visible (with code check visible on the print)

Code_1 Type (type of code to print: DATAMATRIX / 2D; INTERLEAVED 2/5; EAN13)



Text parameters: All code display parameters are set here (text 1)

Txt_1 X X deviation of the code (text 1)

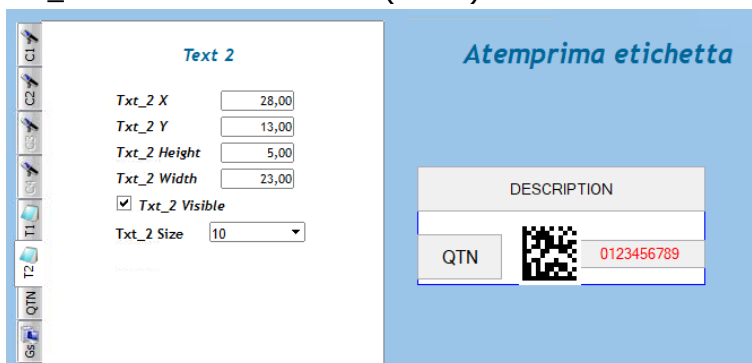
Txt_1 Y Y deviation of the code (text 1)

Txt_1 Height code size (height)

Txt_1 Widht code size (length)

Txt_1 Visible tick if you want to view the code on the printout

Txt_1 Size code font size (text 1)



Text 2

Txt_2 X: 28,00
 Txt_2 Y: 13,00
 Txt_2 Height: 5,00
 Txt_2 Width: 23,00
☒ Txt_2 Visible
 Txt_2 Size: 10

Atemprima etichetta

DESCRIPTION

QTN [QR Code] 0123456789

Text parameters: All code display parameters are set here (text 2)

Txt_2 X X deviation of the code (text 2)

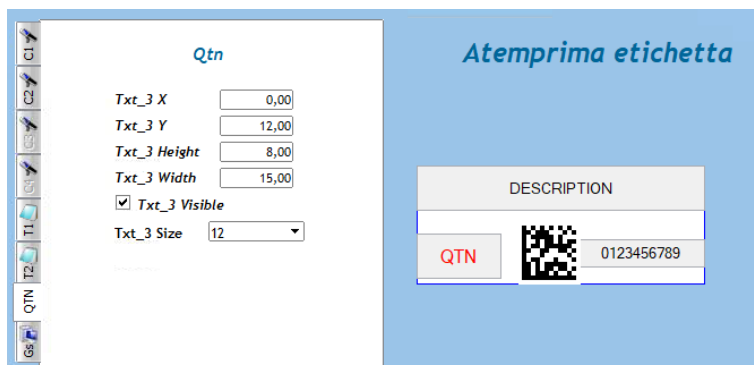
Txt_2 Y Y deviation of the code (text 2)

Txt_2 Height code size (height)

Txt_2 Widht code size (length)

Txt_2 Visible tick if you want to view the code on the printout

Txt_2 Size code font size (text 2)



Qtn

Txt_3 X: 0,00
 Txt_3 Y: 12,00
 Txt_3 Height: 8,00
 Txt_3 Width: 15,00
☒ Txt_3 Visible
 Txt_3 Size: 12

Atemprima etichetta

DESCRIPTION

QTN [QR Code] 0123456789

Text parameters: All code display parameters are set here (QTN)

Txt_3 X X deviation of the code (QTN)

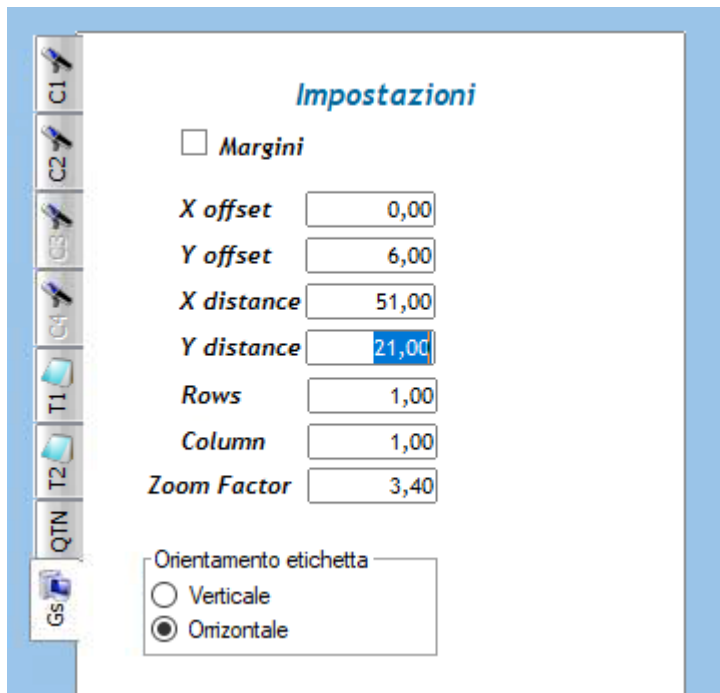
Txt_3 Y Y deviation of the code (QTN)

Txt_3 Height code size (height)

Txt_3 Widht code size (length)

Txt_3 Visible tick if you want to view the code on the printout

Txt_3 Size code font size (QTN)



Impostazioni

☐ **Margini**

X offset

Y offset

X distance

Y distance

Rows

Column

Zoom Factor

Orientamento etichetta

☐ Verticale

☒ Orizontale

Global Setting: The printing parameters are set here (see next page)

X Distance (distance from the side of the sheet from the first column of codes)

Y Distance (distance from the side of the sheet to the first line of codes)

X Offset (distance between the first and second code)

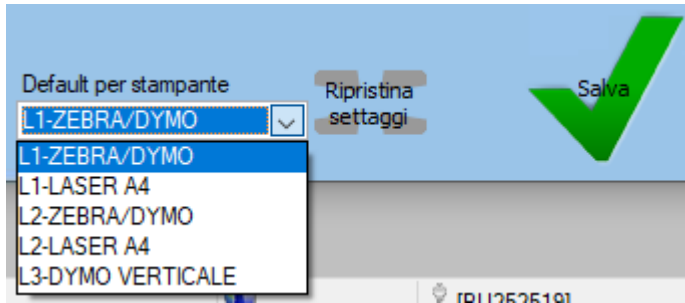
Y Offset (distance between the first and second code)

Rows (rows for sheet)

Column (columns for sheet)

Zoom Factor (enlargement)

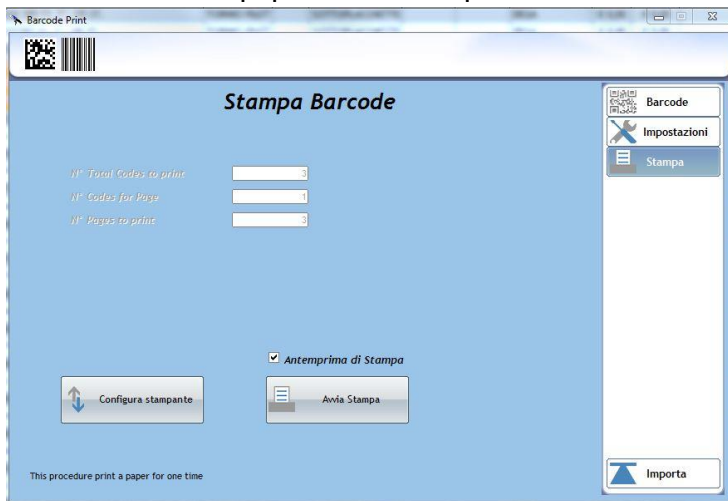
In the settings we can already find preset configurations



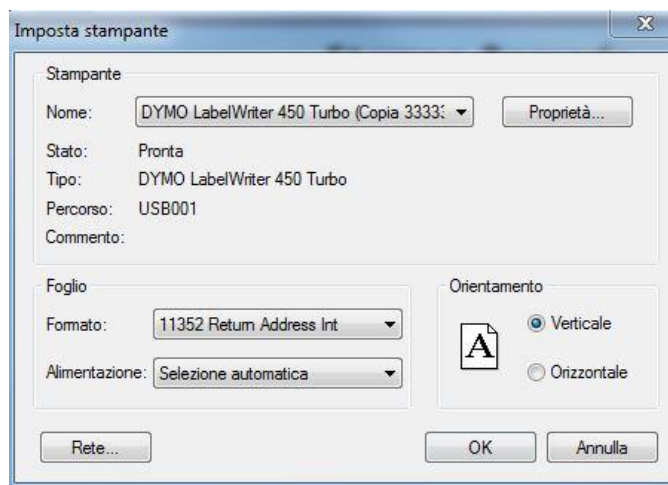
- | | |
|--------------------|--|
| L1 ZEBRA/DYMO: | configuration for PVC labels 54 x 25 format |
| L1 LASER A4: | configuration for printing on classic A4 sheet |
| L2 ZEBRA/DYMO: | configuration for 56 x 32 format labels |
| L2 LASER A4: | configuration for printing on classic A4 sheet |
| L3 DYMO VERTICALE: | configuration for the new label format provided by MGT (label cut in half 50 x 21) |

PRINT

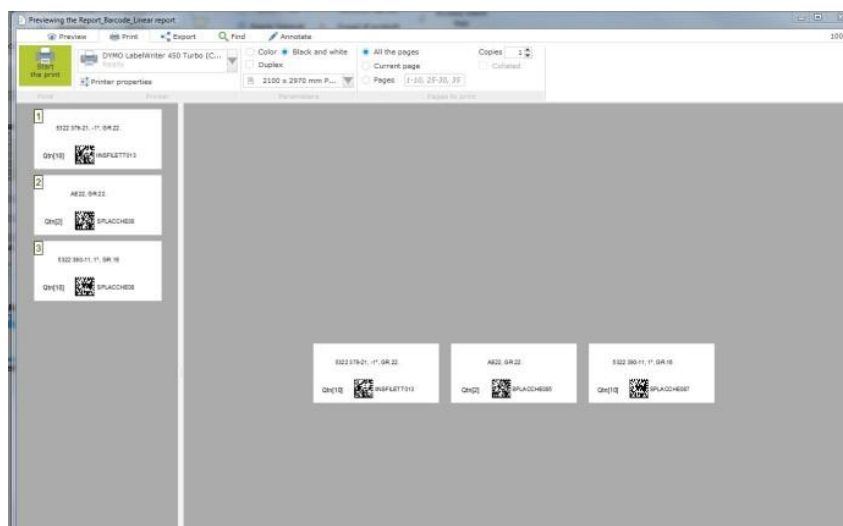
In the printing section, we will be able to select and modify the machine with which to print the barcodes and the paper format we prefer to use.



By selecting the "Standard" L3, the model (DYMO 450) and the type of label (11352) will be configured

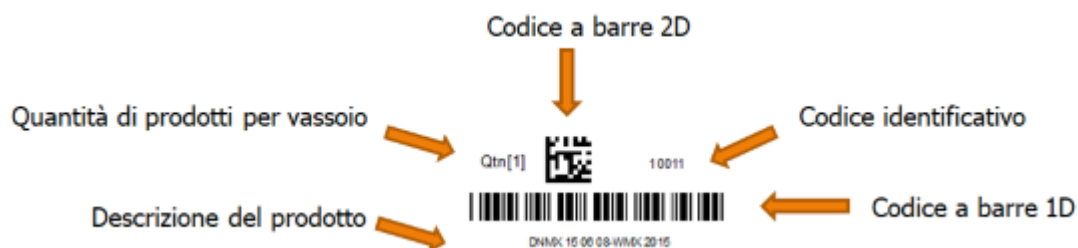


By pressing START PRINT a print preview will appear (see next page)



Now you can proceed with printing. If you don't have a printer, you can save the file in PDF format or send the file by email and print it from another location.

Example of printing a code:





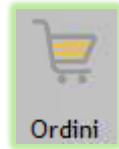
MGT Italia Srl
Corso Rosmini 76
38068 Rovereto (TN)
Italy

T. + 39 0464 480684
F. + 39 0464 487154
info@mgtitalia.com
www.mgtitalia.com

C. Fisc. - P. Iva 02394620211
REA n. 175756

5.6 ORDERS

Management of products to order



By pressing on the icon we will see the status of product orders

Stato Ordini											
Distributori		Ricerca				Barcode		Da Ordinare		Ordini per fornitore	
Codice ERP	Codice BCD	Produttore	Titolo	Stato	Da Ordinare	Qnt Ordinata	n° a Stock	Da rientrare	In lavorazione	Da caricare	Qnt Caricata
6820948	6820948	TUNGALOY ITAL	2QP_DCMW11T308_BX	IN ORDER	0	5	1	0	0	0	0
DCMT_11_T3_	DCMT_11_T3_C	SANDVIK ITALIA	DCMT_11T304-UM_112	IN ORDER	-43	40	62	1	0	0	40

Reading various fields:

DISTRIBUTOR: serial number of the distributor taken into consideration

RESEARCH: search for a specific code

BARCODE: accesses directly to the barcode printing section

TO ORDER: A screen will open showing the products that have reached the reorder level

ORDERS BY SUPPLIER: create list of products to order based on supplier (see below)

REFRESH: refresh the page

EMPTY TRAYS ONLY: checked if we want to display the codes of the empty trays

ERP CODE: code to transmit to the management system

BCD CODE: product item code

PRODUCER: tool manufacturer



TITLE: product name

STATE: status of the item (see below)

TO ORDER: quantity to order

QNT ORDERED: ordered quantity

N° IN STOCK: quantity available

TO BE RETURNED: returnable items borne by the operators

UNDER PROCESSING: if the product needs to be re-sharpened

TO LOAD: products available for loading

QNT LOADED: uploaded products

REORDER LEVEL: item reorder level

MAX LEVEL: maximum level

N° OF TRAYS: dedicated trays for the item

ALIAS CODE: alias code (code on the package)

MAX FOR CELL: maximum quantity for cell

EMPTY AS NEEDED: empty trays inside the machine that would be used for loading

N° ORDERS:

LAST LOAD POSITION: position of last tray loaded

GROUP: belonging group

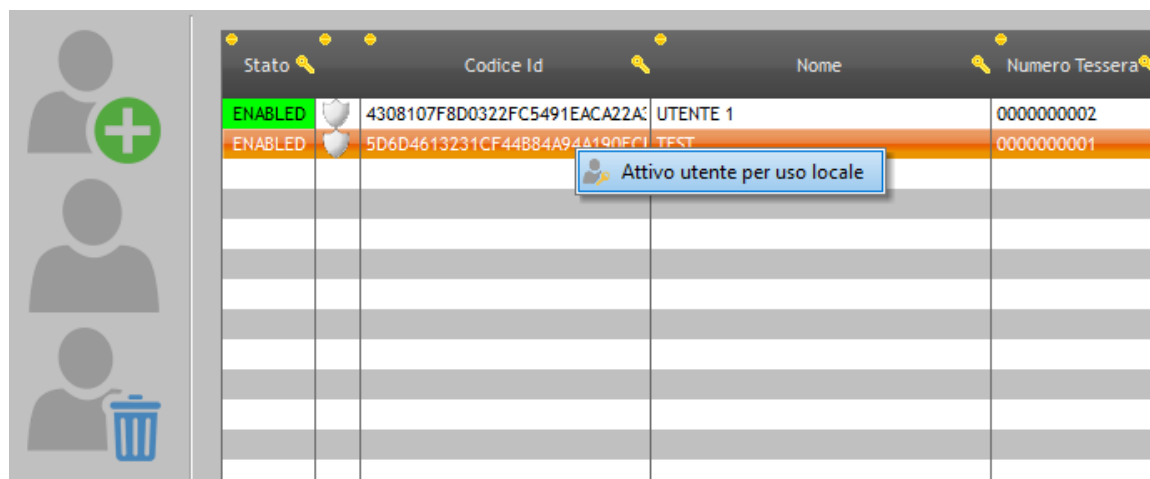
SUBGROUP: belonging subgroup

How to order an item

- 1- First of all, the active user must be set locally in the users menu.

To do this, in the users menu we position ourselves on the row of the user we want to activate, and in the ID CODE column we press the right mouse button and select

ACTIVATE USER FOR LOCAL USE.

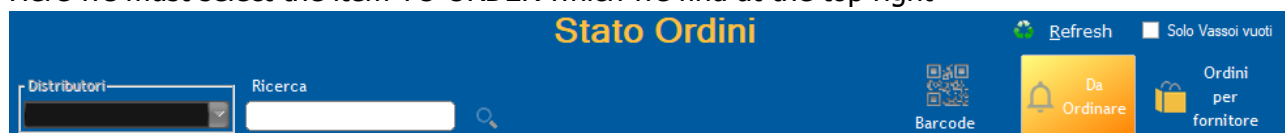


Stato	Codice Id	Nome	Numero Tessera
ENABLED	4308107F8D0322FC5491EACA22A	UTENTE 1	0000000002
ENABLED	5D6D4613231CF44B84A944A190FC1	TEST	0000000001

- 2- Returning to the main screen of i24Manager, we select the ORDERS icon



- 3- Subsequently, the table we described previously will open with the status of the orders. Here we must select the item TO ORDER which we find at the top right



- 4- A table similar to the previous one will appear, in which you will find all the products in stock and we will position ourselves on the row of the interested article (it is possible to apply various filters to facilitate the search)

Ordini fornitore

Fornitore

Lista prodotti da ordinare

Distributori Ricerca Filtra

Codice ERP	Codice BCD	Produttore	Titolo	Da Ordinare	Qnt Ordinata	In lavorazione	Max level	n° a Stock	Da ntr	Stato	teorde level	linleve
CNMG_120408	02960485	SECO TOOLS ITA	CNMG_120408-M5_TP2	45	0	0	60	13	2		20	10
CNMG_160612	02960542	SECO TOOLS ITA	CNMG_160612-M5_TP2	37	0	0	40	3	0		10	5
10522100	10522100	CERATIZIT ITALI	PUNTA DACCENTRO HSS	5	0	0	8	3	0		3	1
266RG-16MM01	266RG-16MM01	SANDVIK ITALIA	266RG-16MM01A075M	3	0	0	5	2	0		2	1
32211500	32211500	OSG ITALIA S.R.L	PUNTAMD Ø15 X8D	0	0	0	1	1	0		1	0
LNMX_0405ZE	6735305	TUNGALOY ITAL	LNMX_0405ZER-HJ_AH	90	0	0	100	5	5		30	10
CNMG_12_04_	CNMG_12_04_	SANDVIK ITALIA	CNMG_120408-PM_432	22	0	0	30	8	0		10	5
G9880918	G9880918	YG1	FRESAMD Ø1.5 YG-1 LF	9	0	0	10	1	0		3	1
RPHX_1204MC	RPHX_1204MC	BURZONI	RPHX_1204MOS_CCT3	36	0	0	40	4	0		10	5
53568060	53568060	CERATIZIT ITALI	FRESAMD Ø6 ALLUMINI	2	0	0	4	2	0		2	1
10522120	10522120	CERATIZIT ITALI	PUNTA DACCENTRO HSS	5	0	0	6	1	0		2	1
53568040	53568040	CERATIZIT ITALI	FRESAMD Ø4 ALLUMINI	4	0	0	4	0	0		1	0
DC160-05-03.5	DC160-05-03.5	WALTER	PUNTAMD Ø3.5 X5D	4	0	0	4	0	0		1	0
LNMX_0607ZE	LNMX_0607ZE	TUNGALOY ITAL	LNMX_0607ZER-HJ_AH	80	0	0	100	15	5		20	10
ADGT_1204PEI	ADGT_1204PER	WALTER	ADGT_1204PER-D56_W	24	0	0	30	6	0		10	4
8667250	8667250	OSG ITALIA S.R.L	PUNTAMD Ø2.5 X5D	3	0	0	4	1	0		1	0
52784022	52784022	CERATIZIT ITALI	FRESAMD Ø2 SUPERLEG	3	0	0	4	1	0		1	0

6- After positioning ourselves on the interested product, press the right mouse button and select **ORDER**

Ordini fornitore

Fornitore

Lista prodotti da ordinare

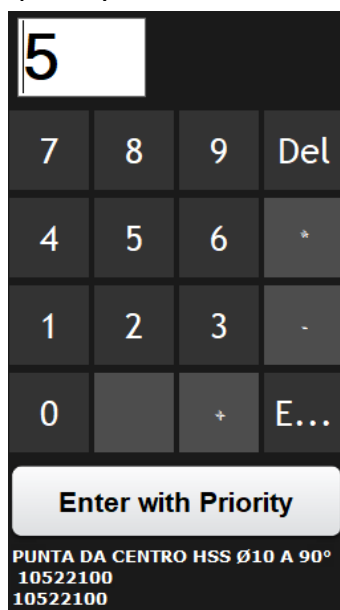
Distributori Ricerca Filtra

Codice ERP	Codice BCD	Produttore	Titolo	Da Ordinare	Qnt Ordinata	In lavorazione	Max level	n° a Stock	Da ntr	Stato	teorde level	linleve
CNMG_120408	02960485	SECO TOOLS ITA	CNMG_120408-M5_TP2	45	0	0	60	13	2		20	10
CNMG_160612	02960542	SECO TOOLS ITA	CNMG_160612-M5_TP2	37	0	0	40	3	0		10	5
10522100	10522100	CERATIZIT ITALI	PUNTA DACCENTRO HSS	5	0	0	8	3	0		3	1
266RG-16MM01	266RG-16MM01	SANDVIK ITALIA	266RG-16MM01A075M	3	0	0	5	2	0		2	1
32211500	32211500	OSG ITALIA S.R.L	PUNTAMD Ø15 X8D	0	0	0	1	1	0		1	0
LNMX_0405ZE	6735305	TUNGALOY ITAL	LNMX_0405ZER-HJ_AH	90	0	0	100	5	5		30	10
CNMG_12_04_	CNMG_12_04_	SANDVIK ITALIA	CNMG_120408-PM_432	22	0	0	30	8	0		10	5
G9880918	G9880918	YG1	FRESAMD Ø1.5 YG-1 LF	9	0	0	10	1	0		3	1
RPHX_1204MC	RPHX_1204MC	BURZONI	RPHX_1204MOS_CCT3	36	0	0	40	4	0		10	5
53568060	53568060	CERATIZIT ITALI	FRESAMD Ø6 ALLUMINI	2	0	0	4	2	0		2	1
10522120	10522120	CERATIZIT ITALI	PUNTA DACCENTRO HSS	5	0	0	6	1	0		2	1
53568040	53568040	CERATIZIT ITALI	FRESAMD Ø4 ALLUMINI	4	0	0	4	0	0		1	0
DC160-05-03.5	DC160-05-03.5	WALTER	PUNTAMD Ø3.5 X5D	4	0	0	4	0	0		1	0
LNMX_0607ZE	LNMX_0607ZE	TUNGALOY ITAL	LNMX_0607ZER-HJ_AH	80	0	0	100	15	5		20	10
ADGT_1204PEI	ADGT_1204PER	WALTER	ADGT_1204PER-D56_W	24	0	0	30	6	0		10	4
8667250	8667250	OSG ITALIA S.R.L	PUNTAMD Ø2.5 X5D	3	0	0	4	1	0		1	0
52784022	52784022	CERATIZIT ITALI	FRESAMD Ø2 SUPERLEG	3	0	0	4	1	0		1	0
50953081	50953081	CERATIZIT ITALI	FRESAMD Ø8 SFERICAS	4	0	0	6	1	0		2	1
5251208000	5251208000	CERATIZIT ITALI	FRESAMD Ø8 R1.5 AL	4	0	0	6	1	0		1	0
52154040	52154040	CERATIZIT ITALI	FRESASMUSSI MD Ø4 A	3	0	0	6	1	0		1	0
CNMG_120408	03273903	SECO TOOLS ITA	CNMG_120408-MF4_TA	60	0	0	6	1	0		20	10
52154060	52154060	CERATIZIT ITALI	FRESASMUSSI MD Ø6 A	5	0	0	6	1	0		2	1

Context menu options:

- Ordina
- Cut
- Copy '0'
- Copy the line
- Copy the column
- Copy all
- Paste
- Automatic calculation (sum, average, ...)
- Export table to Excel...
- Export table to Word...
- Export table to XML...
- Select columns...
- Print...
- Charts...
- Background color

- 7- A confirmation notice will appear and then a numeric keypad in which we will define the quantity of material we want to order.



- 8- Once the quantity of the product in question has been set and the ENTER button has been pressed, the material is ordered. In alto a destra della pagina troveremo questa freccia



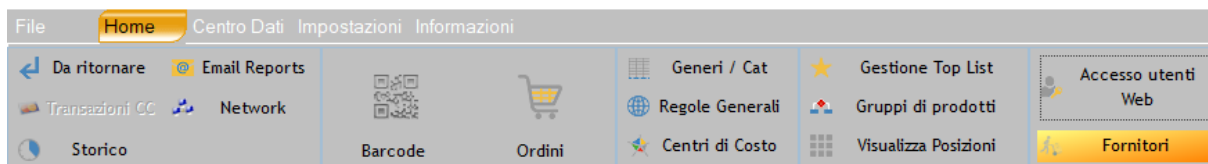
which if clicked will take us back to the initial order status table updated with the item just ordered.

Codice ERP	Codice BCD	Produttore	Titolo	Stato	Da Ordinare	Qnt Ordinata	n° a Stock	Da Rientrare	In lavorazione	Da caricare	
10522100	10522100	CERATIZIT ITALI	PUNTADACENTRO HSS	IN ORDER	0	5	3		0	0	
6820948	6820948	TUNGALOY ITAL	2QP_DCMW11T308_BX	IN ORDER	0	5	1		0	0	
CNMG_160612-M5_TP2	02960542	SECO TOOLS ITA	CNMG_160612-M5_TP2	IN ORDER	0	37	3		0	0	
DCMT_11_T3_04-UM_1	DCMT_11_T3_C	SANDVIK ITALIA	DCMT_11T304-UM_112	IN ORDER	-43	40	62	1	0	40	
CNMG_120408-M5_TP2	02960485	SECO TOOLS ITA	CNMG_120408-M5_TP2	IN ORDER	0	45	13	2	0	0	

Sending order email to supplier

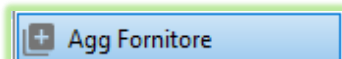
This section explains the procedure for sending material reorder emails to the supplier.

- 1- On the main screen there is the home section and in the right corner we can view the **SUPPLIERS** tab

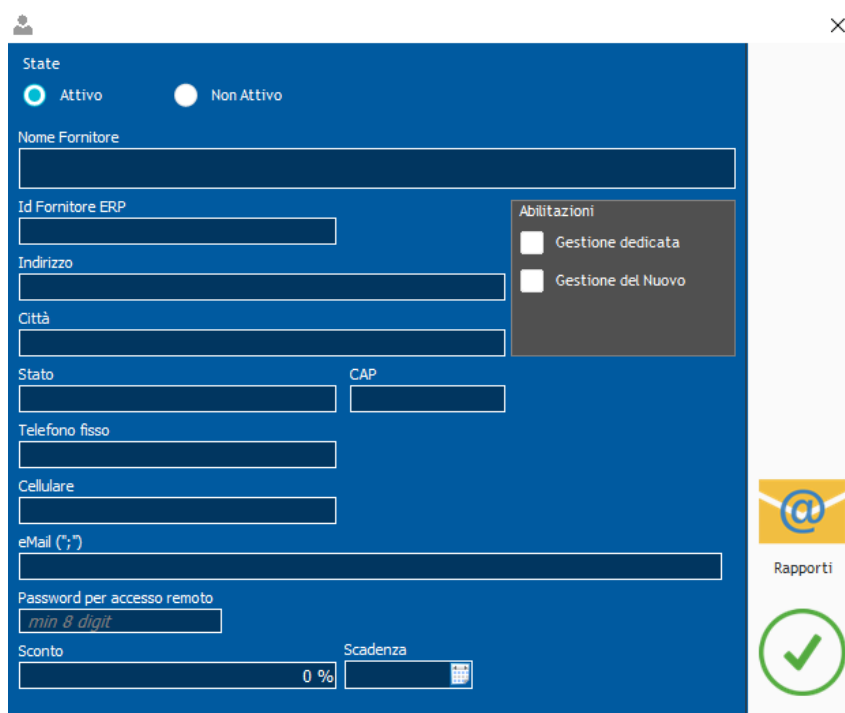


- 2- Once you arrive here, an empty table will appear which must be filled in with suppliers and contact details. Cliccando il tasto destro del mouse comparirà una finestra dove andrà the

ADD SUPPLIER item is selected



and the screen below will appear.



The mandatory and most important fields are highlighted in bold:

SUPPLIER NAME: name of the supplier company

ERP SUPPLIER ID: useful code for management

ADDRESS: address

CITY/ZIP/STATE: general info

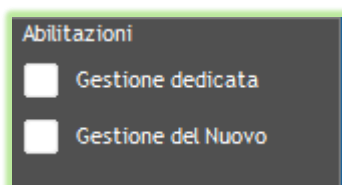
MOBILE PHONE: phone numbers

EMAIL: email address to which the reorder will be sent

PASSWORD: password

DISCOUNT: discounts on the product

EXPIRATION: in the case of products that require periodic checks



DEDICATED MANAGEMENT: By ticking this field we will also send the daily reports (See section 7.4 reports) to the supplier. These reports will arrive filtered with only the items in stock from the supplier in question.

MANAGEMENT OF THE NEW: By ticking this field, the supplier in question will receive a notice when the minimum levels of new items compared to used/regrinded ones are reached.

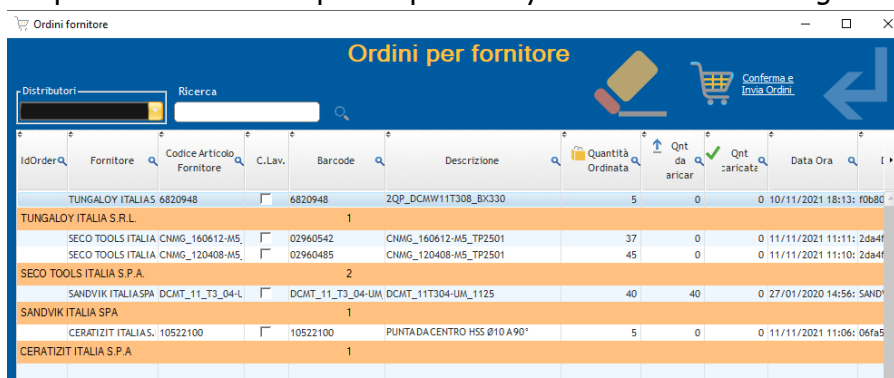
3- Once this step has been completed and the suppliers have been assigned to the items,



open the orders menu with the icon and select the ORDERS BY SUPPLIER icon

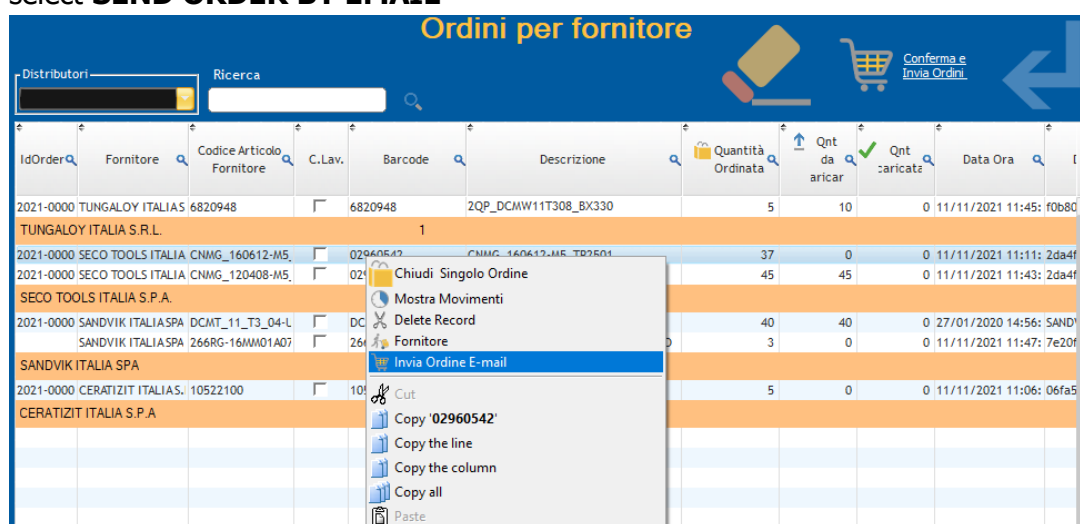


- 4- A table will open with the orders placed previously and divided according to the supplier



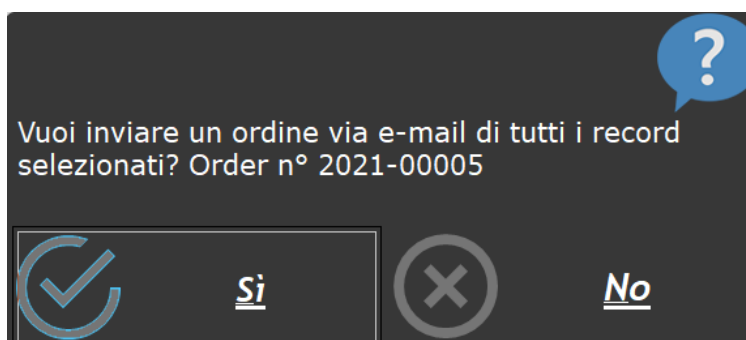
IdOrder	Fornitore	Codice Articolo	C.Lav.	Barcode	Descrizione	Quantità Ordinata	Qnt da aricar	Qnt caricata	Data Ora
2021-0000	TUNGALOY ITALIA S.R.L.	6820948		6820948	2QP_DCMW11T308_BX330	5	0	0	10/11/2021 18:13: f0b80
2021-0000	SECO TOOLS ITALIA S.P.A.	CNMG_160612-M5		02960542	CNMG_160612-M5_TP2501	37	0	0	11/11/2021 11:11: 2da4f
2021-0000	SECO TOOLS ITALIA S.P.A.	CNMG_120408-M5		02960485	CNMG_120408-M5_TP2501	45	0	0	11/11/2021 11:10: 2da4f
2021-0000	SANDVIK ITALIA SPA	DCMT_11_T3_04-L		DCMT_11_T3_04-L	DCMT_11T304-UM_1125	40	40	0	27/01/2020 14:56: SANDI
2021-0000	CERATIZIT ITALIA S.P.A.	10522100		10522100	PUNTA DA CENTRO HSS Ø10 A90	5	0	0	11/11/2021 11:06: 06fa5

- 5- Position yourself on the line of the item to be ordered from the supplier, right-click and select **SEND ORDER BY EMAIL**

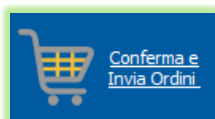


IdOrder	Fornitore	Codice Articolo	C.Lav.	Barcode	Descrizione	Quantità Ordinata	Qnt da aricar	Qnt caricata	Data Ora
2021-0000	TUNGALOY ITALIA S.R.L.	6820948		6820948	2QP_DCMW11T308_BX330	5	10	0	11/11/2021 11:45: f0b80
2021-0000	SECO TOOLS ITALIA S.P.A.	CNMG_160612-M5		02960542	CNMG_160612-M5_TP2501	37	0	0	11/11/2021 11:11: 2da4f
2021-0000	SECO TOOLS ITALIA S.P.A.	CNMG_120408-M5		02960485	CNMG_120408-M5_TP2501	45	45	0	11/11/2021 11:43: 2da4f
2021-0000	SANDVIK ITALIA SPA	DCMT_11_T3_04-L		DCMT_11_T3_04-L	DCMT_11T304-UM_1125	40	40	0	27/01/2020 14:56: SANDI
2021-0000	SANDVIK ITALIA SPA	266RG-16MM01A07		266RG-16MM01A07		3	0	0	11/11/2021 11:47: 7e20f
2021-0000	CERATIZIT ITALIA S.P.A.	10522100		10522100	PUNTA DA CENTRO HSS Ø10 A90	5	0	0	11/11/2021 11:06: 06fa5

- 6- A confirmation notice will appear as for the example and by clicking YES the email will be sent automatically.



To send emails for all the items in the table, select the **CONFIRM AND SEND ORDERS** icon

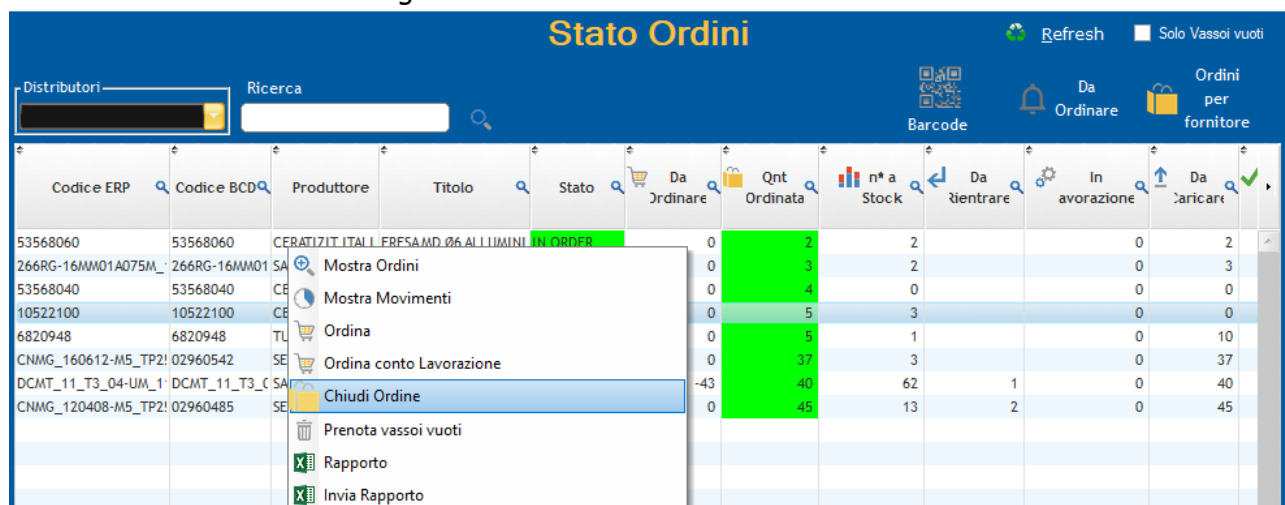


top right.

Subsequently, a green message will appear indicating that the emails have been sent.

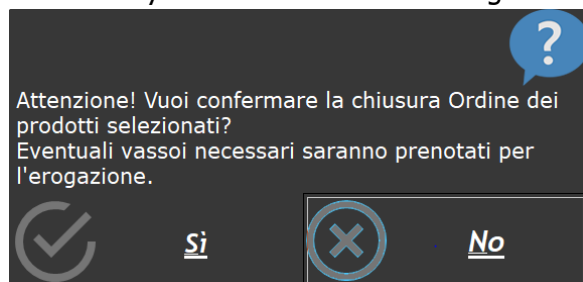
How to close the order and load the ordered material

1. In the ORDER STATUS table, position yourself on the row of the ordered material that has been delivered and with the right button select the CLOSE ORDER item



ERP	BCD	Prodotto	Titolo	Stato	Da Ordinare	Qnt Ordinata	n° a Stock	Da Rientrare	In lavorazione	Da Caricare
53568060	53568060	CERATIZIT ITALI FRESAMD 06 ALLUMINI		IN ORDER	0	2	2		0	2
266RG-16MM01A075M_	266RG-16MM01 SA	Mostra Ordini			0	3	2		0	3
53568040	53568040	Mostra Movimenti			0	4	0		0	0
10522100	10522100				0	5	3		0	0
6820948	6820948	Ordina			0	5	1		0	10
CNMG_160612-M5_TP2	02960542	Ordina conto Lavorazione			0	37	3		0	37
DCMT_11_T3_04-UM_1	DCMT_11_T3_C	Chiudi Ordine			-43	40	62	1	0	40
CNMG_120408-M5_TP2	02960485				0	45	13	2	0	45

2. Subsequently, the confirmation message will appear which also warns us that trays will be reserved by the machine for reloading the ordered material.



3. A numeric keypad will appear to confirm the quantity of material ordered.
4. We position ourselves on the machine and from SERVICE we select the item UNLOAD EMPTY TRAYS
5. A list will appear with all the items ordered and to be refilled and once we have selected the one or those we want to replenish, the machine will unload the trays necessary to complete the operation.
6. From SERVICE we select the LOAD ORDERED MATERIAL item and proceed with the replenishment of the items.
7. Once these operations have been completed, the order status will be changed in the ORDER STATUS table
8. 8. To delete completed orders, open the ORDERS BY SUPPLIER table and select the icon

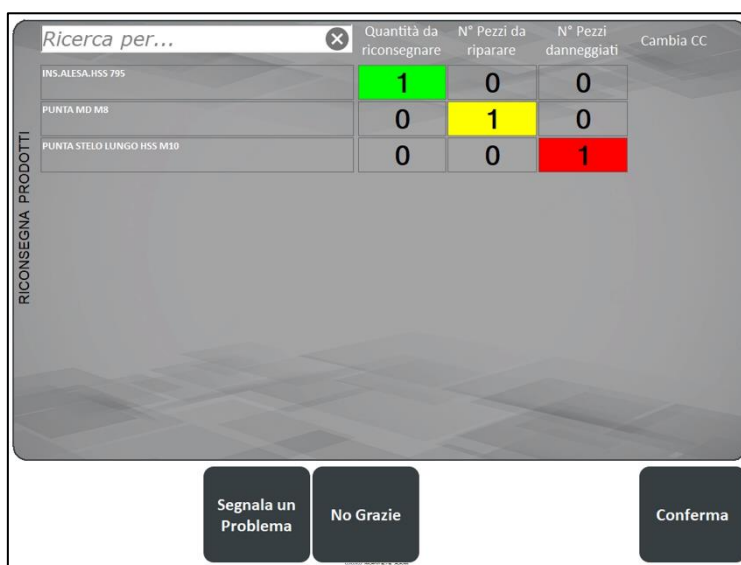


and we confirm.

How to order a processing account

This function is used for the optimal management of returnable products which may be new or re-sharpened.

- 1- During the RETURN phase a table will appear asking us the status/conditions of our item after its use.

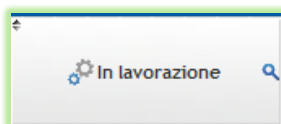


Ricerca per...	Quantità da riconsegnare	N° Pezzi da riparare	N° Pezzi danneggiati	Cambia CC
INS.ALESA.HSS 795	1	0	0	
PUNTA MD M8	0	1	0	
PUNTA STELO LUNGO HSS M10	0	0	1	

RICONSEGNA PRODOTTI

Segnala un Problema No Grazie Conferma

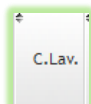
- 2- By selecting **PIECES TO REPAIR**, the piece will be resharpener and a new order will automatically be created which we will find in the **ORDER STATUS** table, visible in the



PROCESSING column which will be filled in with the number of pieces being resharpener.

which will be filled in with the number of

- 3- Furthermore, an order will also be created in the supplier table, recognizable by the tick in



the C.Lav Work column.

5.7 GENRES/CAT

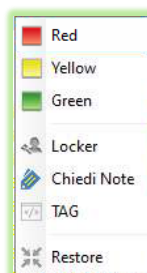
In the GENRES / CATEGORIES section it is possible to enter the various categories and subcategories to which our products belong.

Definizione Generi/Categorie

Generi					Sottogeneri				
OPT	Genere	Altra lingua	Limitata	Abilita	OPT	Sotto Genere	Altra Lingua	Limitata	Abilita
1	FRESE		<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	10"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	PUNTE		<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	45"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	BARENI		<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	60"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	CAROTATORI		<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	90"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	CENTRINI / PUNTE PILOTA		<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	TORDE		<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	65" TORNO ROMBOIDALE 35"		<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	TRIANGOLARI		<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	65" TORNO ROMBOIDALE 55"		<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	PENTAGONALI		<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	65" TORNO ROMBOIDALE 80"		<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	7 LATI		<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	65" TORNO TAGLIO/GOLE		<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	OTTAGONALI		<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	65" TORNO TONDO		<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	CENTURY E FINITURA		<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	65" TORNO QUADRATI		<input type="checkbox"/>	<input checked="" type="checkbox"/>	11	RICCIO		<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	65" TORNO TRIANGOLARE		<input type="checkbox"/>	<input checked="" type="checkbox"/>	12	SMUSSI		<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	65" TORNO 8 TAGLIENTI		<input type="checkbox"/>	<input checked="" type="checkbox"/>	13	RAGGI		<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	65" TORNO FILETTI		<input type="checkbox"/>	<input checked="" type="checkbox"/>	14	TESTA SFERICA		<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	TAC LAVORAZIONE		<input type="checkbox"/>	<input type="checkbox"/>	15	PUNTA PRESA		<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	TAC UTENSILE		<input type="checkbox"/>	<input type="checkbox"/>	16	DISCO/GOLE		<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	TAC MARCA		<input type="checkbox"/>	<input type="checkbox"/>	17	FILETTI		<input type="checkbox"/>	<input checked="" type="checkbox"/>
18	TAC TIPOLOGIA		<input type="checkbox"/>	<input type="checkbox"/>					
19	TAC FORMA		<input type="checkbox"/>	<input type="checkbox"/>					
20	TAC MATERIALE		<input type="checkbox"/>	<input type="checkbox"/>					
21	TAC DIAMETRO PUNTA		<input type="checkbox"/>	<input type="checkbox"/>					
22	TAC DIAMETRO		<input type="checkbox"/>	<input type="checkbox"/>					
23	TAC RAGGIO		<input type="checkbox"/>	<input type="checkbox"/>					
24	TAC GRANDEZZA		<input type="checkbox"/>	<input type="checkbox"/>					
25	TAC COLORE		<input type="checkbox"/>	<input type="checkbox"/>					

On the left side we will create the categories and on the right the corresponding subcategory.

By positioning ourselves on the category and right-clicking the mouse on the OPT column, a table will appear with the options shown below.



RED: display of the category name in **RED**

YELLOW: display of the category name in **YELLOW**

GREEN: display of the category name in **GREEN**

LOCKER: category belonging to an external chest of drawers

ASK FOR NOTES: asks for notes when we are going to return the product **ONLY ON DRS** (for example on the return of vehicle keys)

TAG: category used to create TAG

RESTORE: restore everything

In the table it is possible to decide whether to display or not display the category (corresponding flag in the **ENABLE** column), if instead we check the **LIMITED** flag, that category will only be displayed by operators who have the **ALLOW LIMITED** flag in their **USER** records.

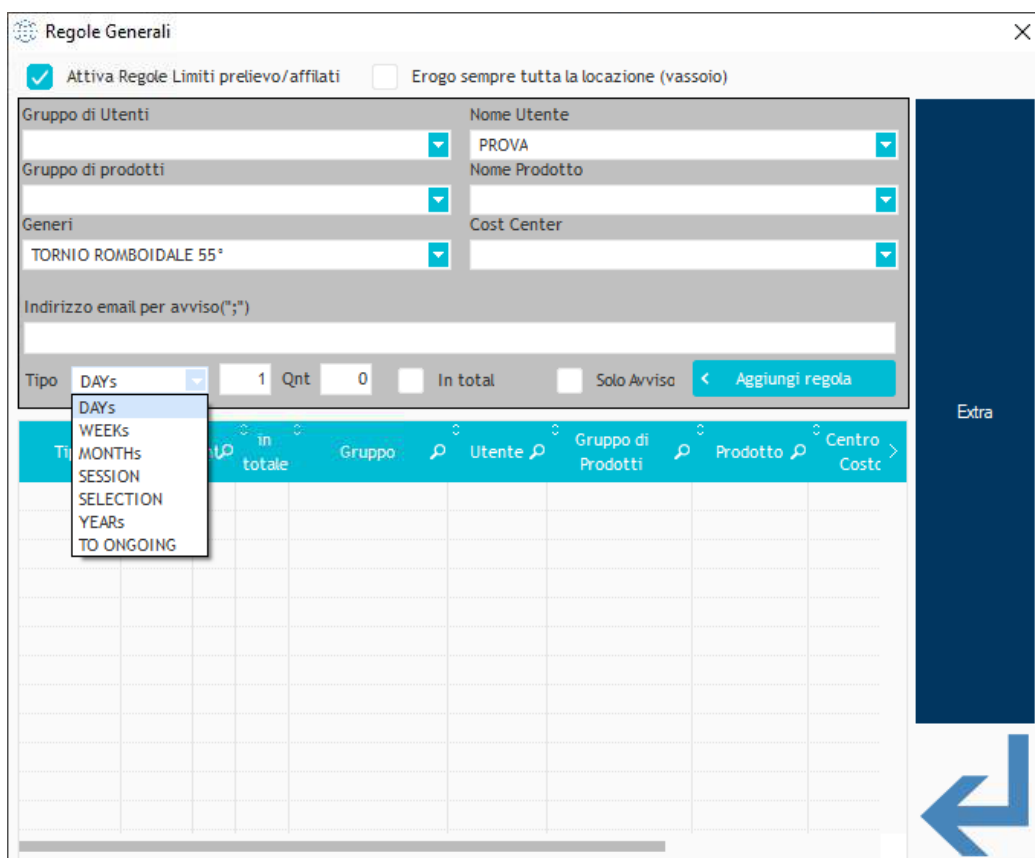
There is the possibility of ordering the display of both categories and subcategories by selecting the desired category and using the arrows in the center to move the position up or down.

5.8 GENERAL RULES

In the GENERAL RULES section, we have 2 settings.

ACTIVATE LIMIT RULES: a series of rules is activated to limit the withdrawal of products

ALWAYS DISPENSES THE ENTIRE LOCATION: when a product is picked up, it calculates the picking of the entire quantity from the tray (value set in **Max N°/cell** 10)



Regole Generali

☒ Attiva Regole Limiti prelievo/affiliati ☐ Erogo sempre tutta la locazione (vassoio)

Gruppo di Utenti Nome Utente

Gruppo di prodotti Nome Prodotto

Generi Cost Center

TORNIO ROMBOIDALE 55°

Indirizzo email per avviso(;"')

Tipo 1 Qnt 0 ☐ In total ☐ Solo Avviso

Extra

Description of fields:

GROUP OF USERS: group of users

USERNAME: name of the operator

PRODUCT GROUP: product group

PRODUCT NAME: product name

GENRES: categories

COST CENTER: cost centers

EMAIL ADDRESS: field to add the email address of the person to be notified in the event of an overrun

TYPE: select the duration of the rule

QNT: indicate the number of products allowed

IN TOTAL: "if checked" indicates the total number of pieces

NOTICE ONLY: if the withdrawal is exceeded, the withdrawal is not blocked, but the administrator (person entered in the email field) is notified

ADD RULE: confirm the restriction

Restrictions can be created for a **GROUP OF USERS** or for a single **OPERATOR**, for a **GROUP OF PRODUCTS** or on a specific item, for a genre or for a **COST CENTER**. We can simply insert a field or multiple fields, and then select the time for which that rule must be active.

PHOTO EXAMPLE: the rule in the photo indicates that **ALL OPERATORS** can take 1 piece for day of products belonging to the **55° RHOMBUSIDE LATHE** genre

Description of TYPE fields:

DAYS: day

WEEKs: week

MONTHs: month

SESSION: the session starts every time we log in with the LOGIN button

SELECTION: how many item types can I pick up in that session

YEARS: year

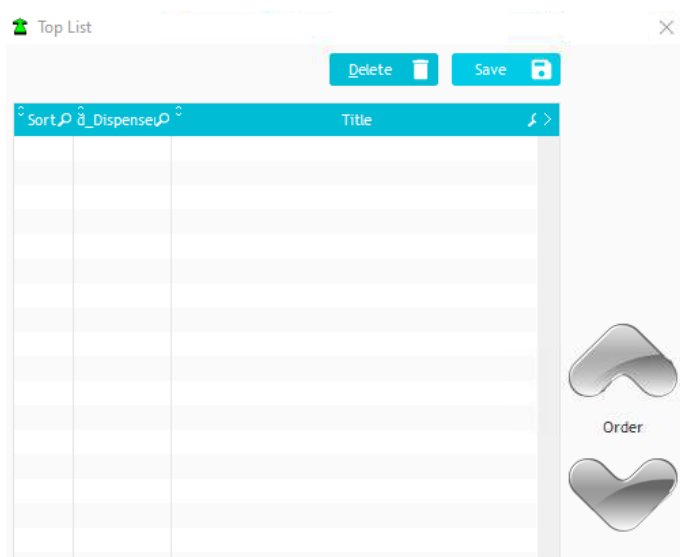
TO ONGOING: maximum quantity that the operator can have (example: a user needs another pair of gloves and must return the old ones)

EXTRA: the VAT value is set

5.10 TOP LIST MANAGEMENT

In this section we can add the products we want to be previewed

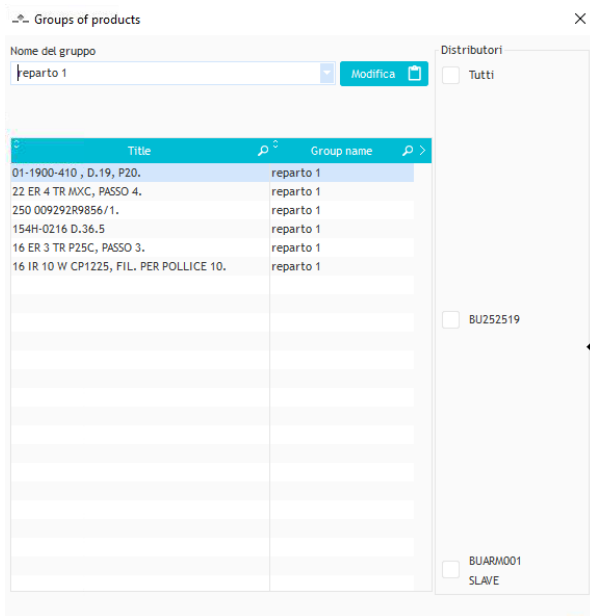
Example: Video stores; Pharmacies; Libraries; (etc.)



Sort	Dispense	Title

5.11 PRODUCT GROUP

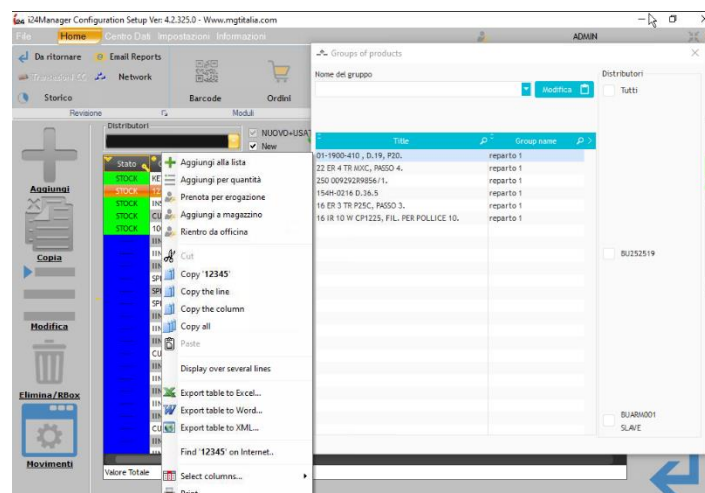
In this section we can create product groups



Example:

In an MGTDRS dispenser used for PPE we can create simple groups: we create the GLOVES group and associate all types of gloves, the OPTOINSULATORS group where we will insert the ear loops, headphones, caps, (etc.)

To create the group we open the list of products and write the NAME OF THE GROUP, then associate the various products by adding them with the right mouse button on the code selecting the ADD TO LIST item (see photo below)



The product groups can be associated with all or with a single machine; in the example in the table below, the DEPARTMENT1 group has been associated with the serial number BUARM001.

Groups of products

Nome del gruppo
reparto 1 SALVA Delete

Distributori
☐ Tutti
☐ BU252519
☒ BUARM001 SLAVE

Title	Group name
22 ER 4 TR MXC, PASSO 4.	reparto 1
250 009292R9856/1.	reparto 1
154H-0216 D.36.5	reparto 1
16 ER 3 TR P25C, PASSO 3.	reparto 1
16 IR 10 W CP1225, FIL. PER POLLICE 10.	reparto 1

To do this it will be necessary to press the **MODIFY** button, selecting the serial number / machine to which you want to associate the group and then press the **SAVE** button. If we have made a mistake in the compilation we can return to the original situation by pressing the **DELETE** button.

5.12 VIEW POSITIONS

In the positions table we will display the situation of each individual product

Products Position View

Magazzino

Id_Dispenser	Type	Cell	State	Stock	Pr.y	bcd_id	modify
BU252519	BO1	1	1	1	<input checked="" type="checkbox"/>	KEY0001	03/04/2020
BU252519	BO2	1	0	0	<input type="checkbox"/>		03/02/2020
BU252519	BO3	1	0	0	<input type="checkbox"/>		03/02/2020
BU252519	BO4	1	0	0	<input type="checkbox"/>		03/02/2020
BU252519	BO5	1	0	0	<input type="checkbox"/>		03/02/2020
BUARM001	C01	1	1	1	<input type="checkbox"/>	12345	03/04/2020
BUARM001	C02	1	2	0	<input type="checkbox"/>	12345	03/04/2020
BUARM001	C03	1	2	0	<input type="checkbox"/>		03/04/2020
BUARM001	C04	1	2	0	<input type="checkbox"/>		03/04/2020
BUARM001	C05	1	2	0	<input type="checkbox"/>		03/04/2020
BU252519	RO1	1	0	0	<input type="checkbox"/>		03/11/2020
BU252519	BO1	2	1	2	<input type="checkbox"/>	CUSPIDI156	03/11/2020
BU252519	BO2	2	0	0	<input type="checkbox"/>		03/02/2020
BU252519	BO3	2	0	0	<input type="checkbox"/>		03/02/2020
BU252519	BO4	2	0	0	<input type="checkbox"/>		03/02/2020
Sum				74			
Counter		1.757					

Configura
Edit Mode
Run/Stop Autoload

Description Fields:

ID DISPENSER: serial number of the distributor where the product is located

TYPE: product type (BO1, BO2, etc.)

CELL: location number where the product is located

STOCK: state of the product (0, 1, 2, X, W,A)

- "0" free position
- "1" employed position
- "2" free position of drawers
- "Y" position requested for deletion
- "X" faulty position
- "W" position disabled
- "A" autoloader active: process of the following location.

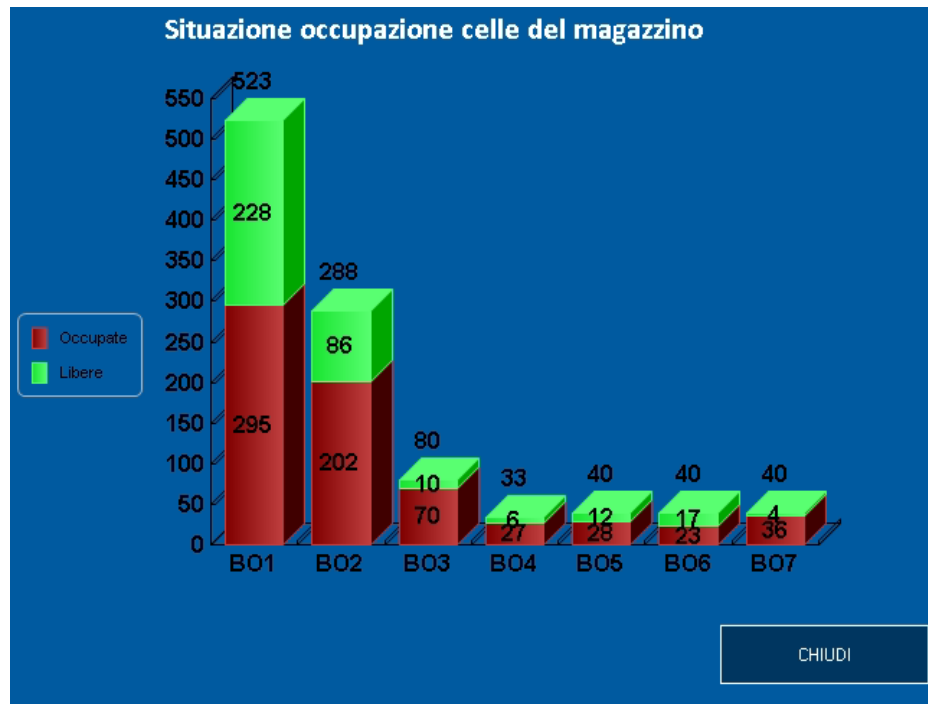
P.RY: indicates whether the product is resharpened (Priority)

BCD_ID: product barcode

MODIFY: date and time of the last product movement

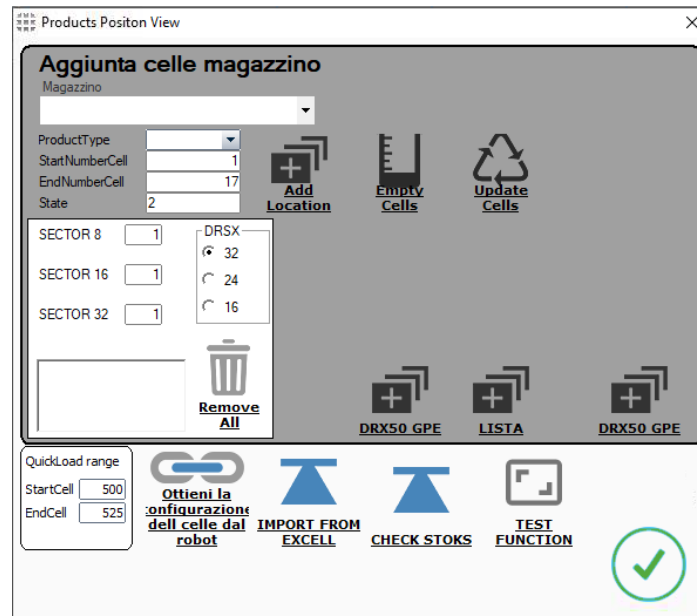


Pressing a histogram will be displayed (see image below) showing the FREE / OCCUPIED space inside the vending machine, marking the FREE positions in GREEN and the OCCUPIED ones in RED





Pressing **Configura** and by entering the appropriate PASSWORD it is possible to access the submenu where we will create the positions of a DRS distributor or create the positions of an EXTERNAL DRAWER UNIT

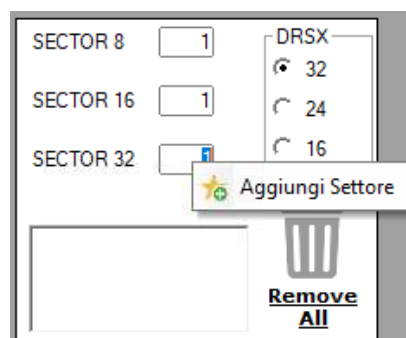


Creation of DRS distributor positions

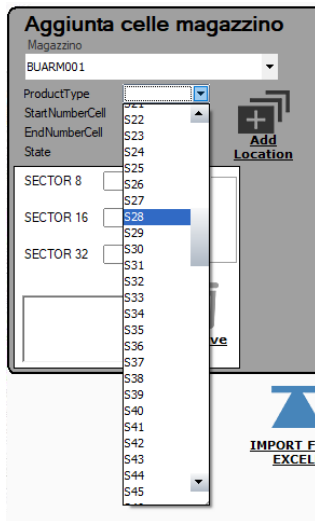
To create the positions of a DRS distributor, the maximum number of segments of the distributor must first be checked.

It will be necessary to declare how many floors the distributor consists of (always starting from the top):


- Write the number of floors in the corresponding sector box
- Press the right mouse button and click on add sector
- Then confirm by pressing the green tick
- To make the changes effective, restart the software



Creation of external drawer positions



ProductType		
StartNumberCell	1	
EndNumberCell	17	
State	2	



Add Location

To create the positions of a CHEST OF DRAWERS / CUPBOARD fill in the following fields:

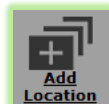
WAREHOUSE: indicate the name of the chest of drawers / wardrobe to which we make changes

PRODUCT TYPE: indicate the drawer number (ex. C01)

START NUMBER CELL: start of position (usually indicated as 1)

END NUMBER CELL: indicates the total number of spaces in the drawer

STATE: is set to 2 by standard (do not change)




To confirm everything, press the button

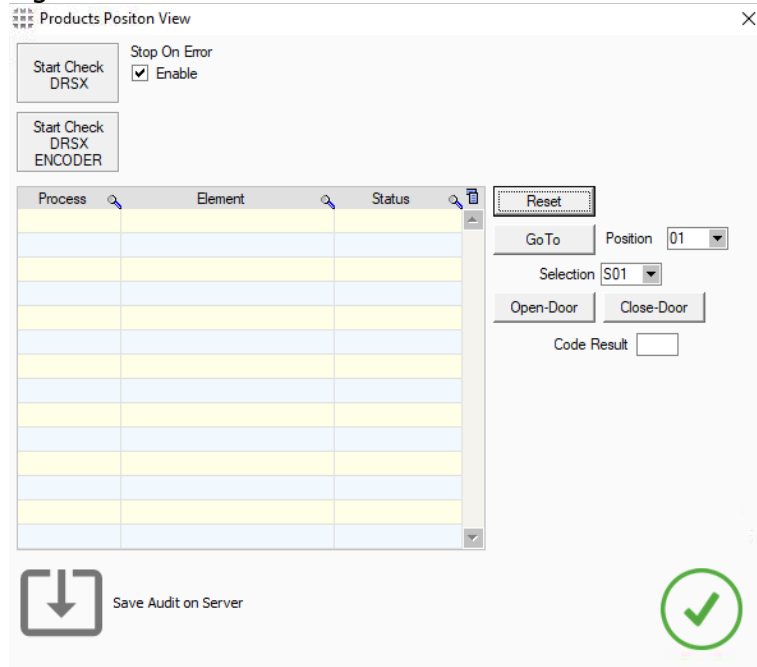
Continue with the next drawer

To make the changes effective, restart the software

Functional test Drs



By pressing on the icon  a screen will open where we can verify the functioning of the MgtDRS distributor



Start Check DRSX: the vending machine performs a reset and then begins a check of the operation of the doors, simply open and close the door which will be indicated on the screen

Start Check DRSX ENCODER: the distributor will position itself on various cells asking us if the position reached corresponds to the one displayed, to proceed simply affirm

Reset: the distributor performs a reset by positioning itself on the cell indicated with the number 1

GoTo: the vending machine positions itself on the cell indicated in the Position field

Selection: indicates the number of the selection (plate) to operate on

Open-Door: pressing here gives consent to open the door in this case S01

Close-Door: pressing here locks the S01 selection

Code Result: error field, the error number is displayed

6.0 DATA CENTER



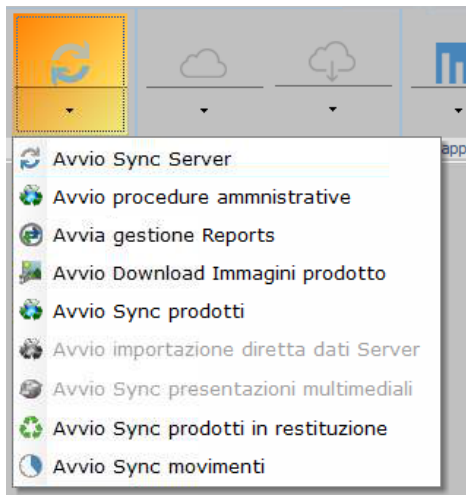
6.1 IMAGE DATABASE

The DATABASE is only available for the Video Library version.

THE DATABASE IS NOT AVAILABLE FOR THE TOOLS VERSION

6.2 SYNCHRONIZATION

THIS FIELD IS AVAILABLE ONLY TO COMPETENT STAFF



Description of the fields:

START SYNC SERVER: immediate synchronization with the server

START ADMINISTRATIVE PROCEDURES: start administrative synchronizations

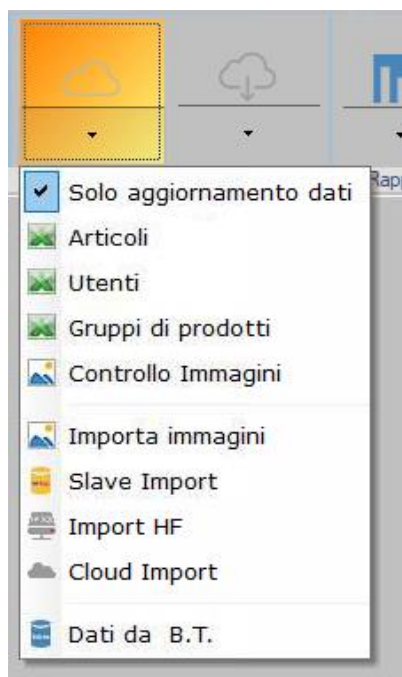
START REPORTS MANAGEMENT: email / report synchronization

START IMAGE DOWNLOAD: image synchronization with the server

START PRODUCT SYNC: synchronization of products with the server

START SYNC FOR RETURNED PRODUCTS: synchronization of returnable products

START MOVEMENT SYNC: motion synchronization



Description of fields:

DATA UPDATE ONLY: if checked, it does not add, but copies the changes made to the products

ARTICLES: import of products from files

USERS: import of users from files

PRODUCT GROUP: import of product groups from files

IMAGE CONTROL: Check and adjust image size

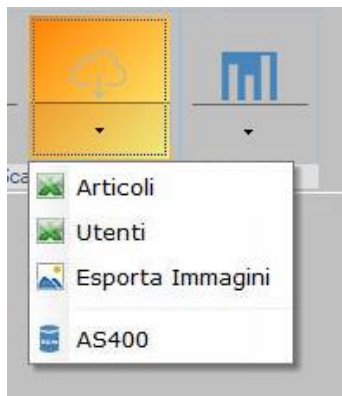
IMPORT IMAGES: association of images with products

SLAVE IMPORT: **COMPETENT PERSONNEL ONLY**

IMPORT HF: import of data in HF

CLOUD IMPORT: import of data into the CLOUD

DATA FROM B.T.: import data from BORDER TABLE



Description of fields:

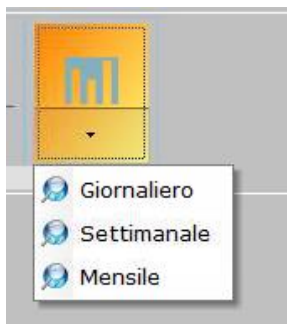
ARTICLES: export the entire list of articles and their parameters in Excel format

USERS: export the entire list of users and their parameters in Excel format

EXPORT IMAGES: export of images to the PICTURE folder

AS400: Force synchronization with AS400

Section for forcing report sending



Description of fields:

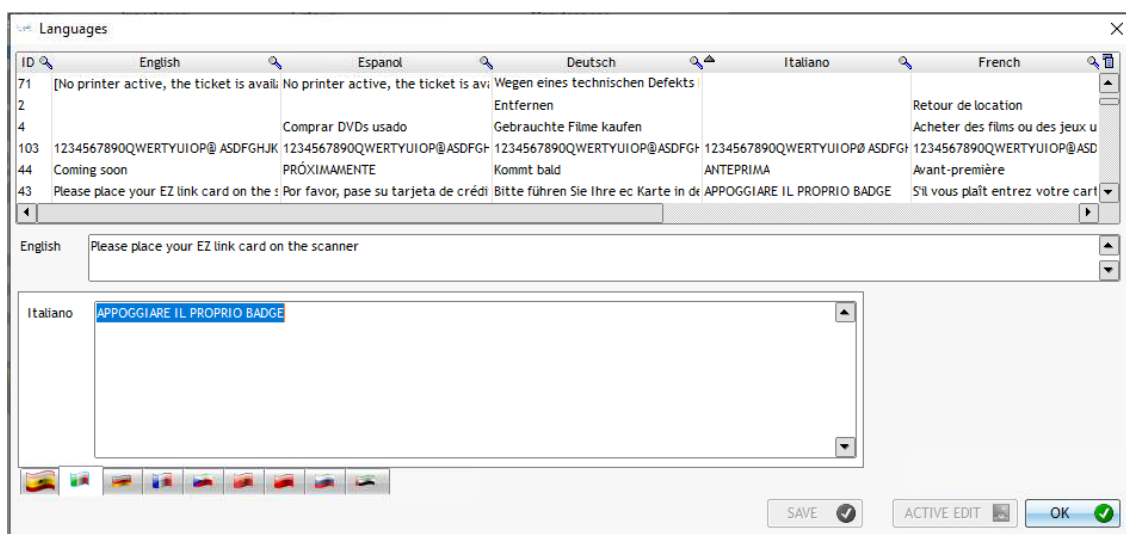
DAILY: force sending email with daily reports

WEEKLY: force sending email with weekly reports

MONTHLY: force sending email with monthly reports

7.1 TRANSLATIONS

Section dedicated to the translation of fields into foreign languages



ID	English	Espanol	Deutsch	Italiano	French
71	[No printer active, the ticket is avail	No printer active, the ticket is av	Wegen eines technischen Defekts		
2			Entfernen		Retour de location
4		Comprar DVDs usado	Gebrauchte Filme kaufen		Acheter des films ou des jeux u
103	1234567890QWERTYUIOP@ ASDFGHJK	1234567890QWERTYUIOP@ASDFG	1234567890QWERTYUIOP@ASDFG	1234567890QWERTYUIOP@ ASDFG	1234567890QWERTYUIOP@ASD
44	Coming soon	PRÓXIMAMENTE	Kommt bald	ANTEPRIMA	Avant-première
43	Please place your EZ link card on the s	Por favor, pase su tarjeta de crédi	Bitte führen Sie Ihre ec Karte in de	APPOGGIARE IL PROPRIO BADGE	S'il vous plaît entrez votre cart

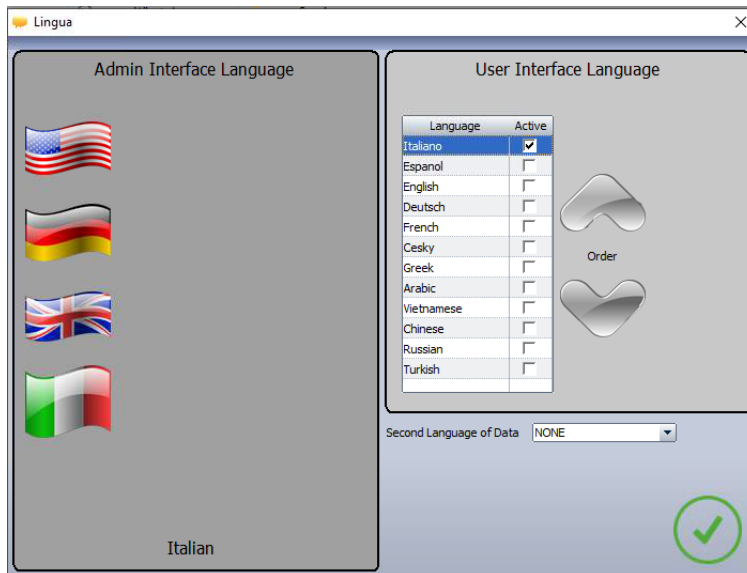
Language	Message
English	Please place your EZ link card on the scanner
Italiano	APPOGGIARE IL PROPRIO BADGE

SAVE ACTIVE EDIT OK

The following table contains all the messages displayed on the screen by the operator. It is possible to modify the displayed message by clicking on the column of the chosen language, pressing the ACTIVE EDIT button, and then pressing SAVE to save.

7.2 GUI

Setting the languages

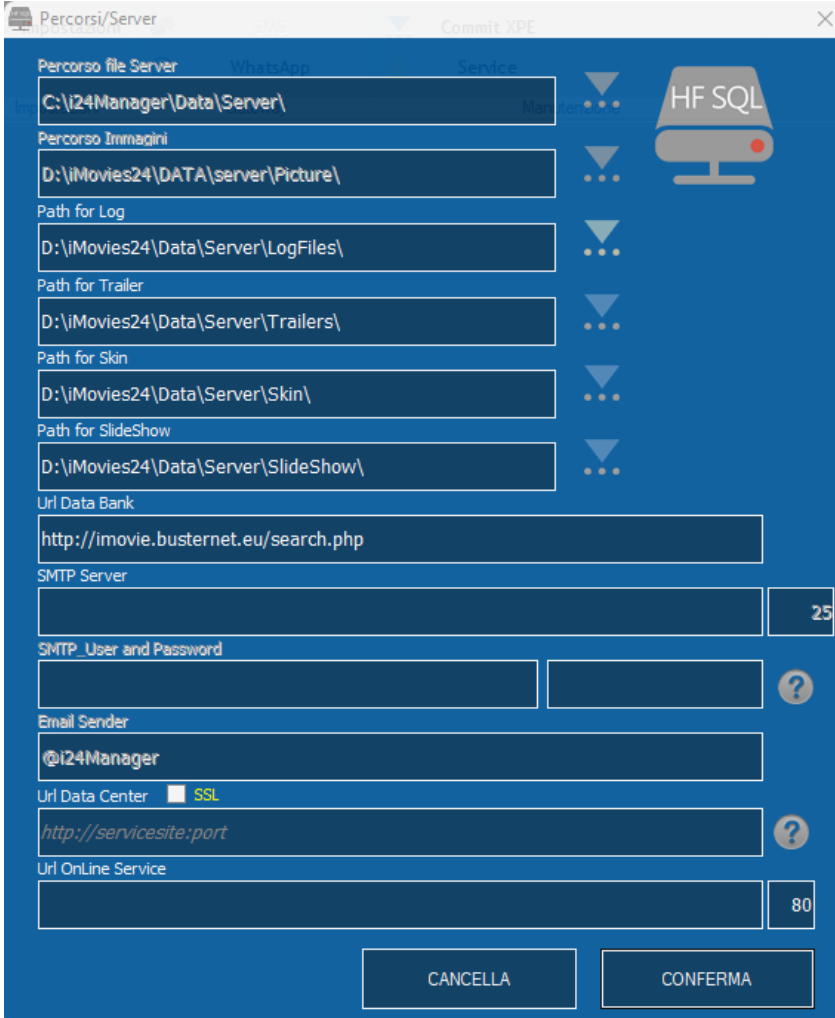


ADMIN INTERFACE LANGUAGE: language used for the administrative interface

USER INTERFACE LANGUAGE: language displayed in the Operator interface, in this case it is possible to select multiple languages, on the main screen buttons with the flags of the languages that can be used will be proposed.

7.3 PATHS

In this section, the network paths and mail server settings for notifications are set



Percorsi/Server

Commit XPE

Percorso file Server: C:\i24Manager\Data\Server\

Percorso Immagini: D:\iMovies24\DATA\server\Picture\

Path for Log: D:\iMovies24\Data\Server\LogFiles\

Path for Trailer: D:\iMovies24\Data\Server\Trailers\

Path for Skin: D:\iMovies24\Data\Server\Skin\

Path for SlideShow: D:\iMovies24\Data\Server\SlideShow\

Url Data Bank: http://imovie.busternet.eu/search.php

SMTP Server: [Empty] 25

SMTP_User and Password: [Empty] ?

Email Sender: @i24Manager

Url Data Center: ☒ SSL http://servicesite:port ?

Url OnLine Service: [Empty] 80

CANCELLA CONFERMA

Description of fields:

SERVER FILE PATH: path to the server files

IMAGE PATH: folder for saving product images

PATH FOR LOG: log saving folder, PROCESS log and ERROR log

PATH FOR TRAILER: trailers saving folder (not available for Tools systems)

PATH FOR SKIN: skin file folder (keys, flashes and program screens are inserted inside it)

PATH FOR SLIDESHOW: slide saving folder (not available for Tools)

URL DATA BANK: poster database (not available for Tools)

SMTP SERVER: enter the customer's SMTP server configuration data (Office 365 active)

SMT_USER AND PASSWORD: enter the customer's user and password

EMAIL SANDERS: sender's email address

SSL FLAG: Enable certificate for secure connection to SMTP

DATA CENTER URL: customer server path (if present), to check correct functioning press on the question mark on the right of the box

ONLINE SERVICE URL: path to the online services, also indicate the port (usually 80 http)

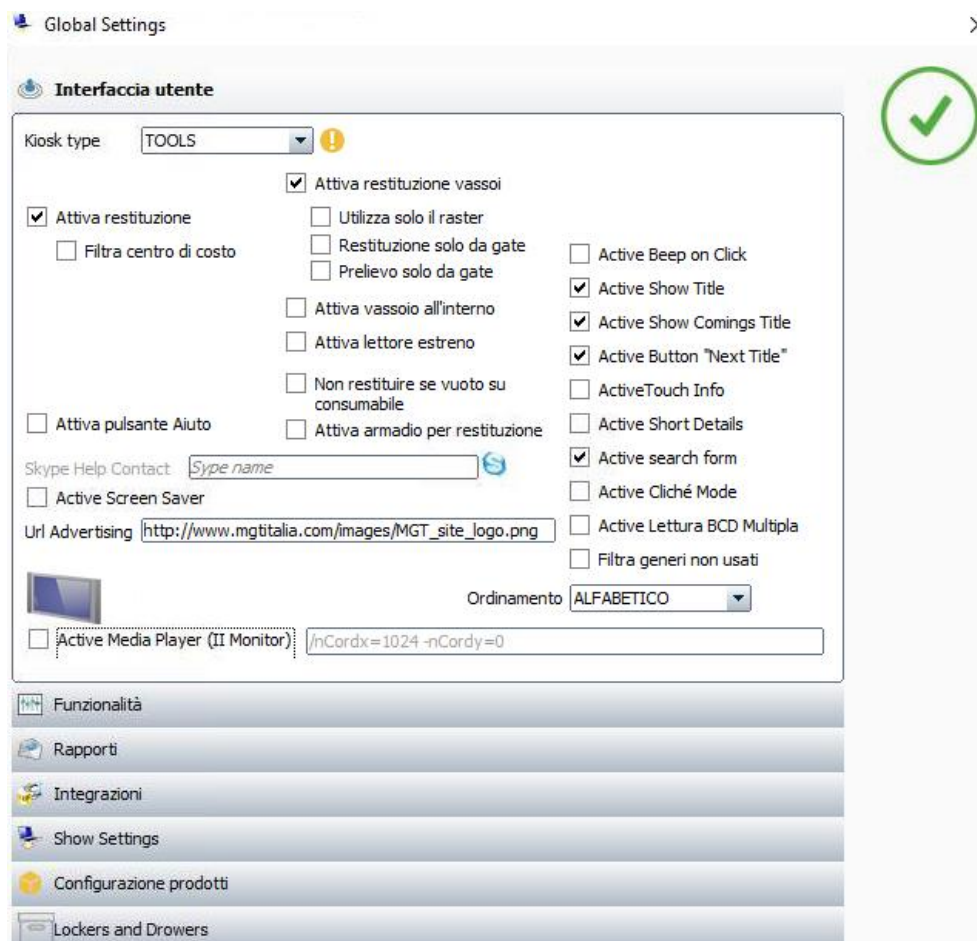


If the icon is present next to the routes it means that the program works in HFSQL

7.4 SETTINGS

The settings section is made up of 7 configuration tables

It is advisable to have the various parameters set **ONLY BY COMPETENT PERSONAL**



Global Settings [X]

Interfaccia utente

Kiosk type: **TOOLS** [!]

☒ Attiva restituzione

☐ Filtra centro di costo

☐ Attiva pulsante Aiuto

Skype Help Contact: [S]

☐ Active Screen Saver

Url Advertising:

☐ Active Media Player (II Monitor)

☒ Attiva restituzione vassoi

☐ Utilizza solo il raster

☐ Restituzione solo da gate

☐ Prelievo solo da gate

☐ Attiva vassoio all'interno

☐ Attiva lettore estremo

☐ Non restituire se vuoto su consumabile

☐ Attiva armadio per restituzione

☐ Active Beep on Click

☒ Active Show Title

☒ Active Show Comings Title

☒ Active Button "Next Title"

☐ ActiveTouch Info

☐ Active Short Details

☒ Active search form

☐ Active Cliché Mode

☐ Active Lettura BCD Multipla

☐ Filtra generi non usati

Ordinamento: **ALFABETICO**

Funzionalità

Rapporti

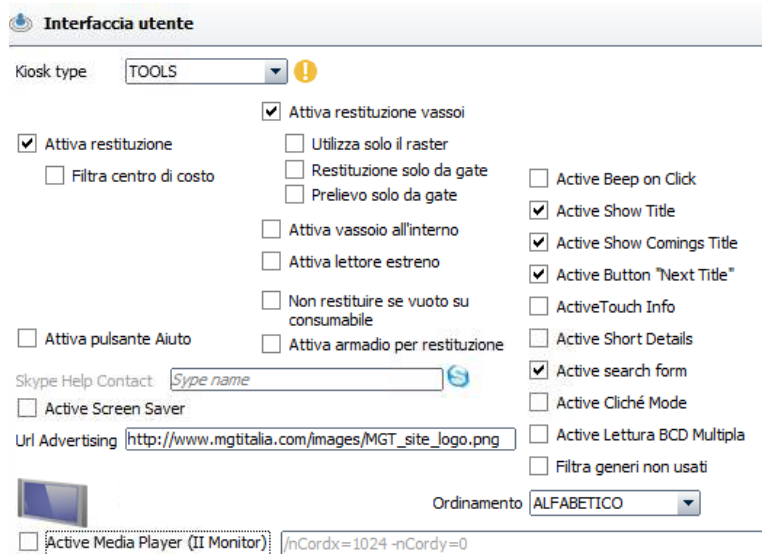
Integrazioni

Show Settings

Configurazione prodotti

Lockers and Drowers

User interface



Description of fields:

KIOSK TYPE: type of warehouse used **ONLY COMPETENT PERSONNEL**

ACTIVATE RETURN: activation of the RETURN button for returning products

FILTER COST CENTER: activation of returns by cost center

ACTIVATE TRAY RETURN: activation of return of the taken tray

USE RASTER ONLY: activate withdrawal and return only from raster

RETURN FROM GATE ONLY: activates return from single point

WITHDRAWAL FROM GATE ONLY: activate withdrawal only from single point

ACTIVATE TRAYS INSIDE: activates picking without tray (available only for BOOK)

ACTIVATE EXTERNAL PLAYER: activates the reader external to the machine

DO NOT RETURN IF EMPTY ON CONSUMABLE: do not return empty trays if the product is consumable (the trays are left outside the warehouse)

ACTIVATE RETURN CABINET: activate product return cabinet (only for CLOTHES)

ACTIVE BEEP ON CLICK: sound activation when the touch is pressed

ACTIVE SHOW TITLE: shows the product titles (if not enabled, only XXXX will appear)

ACTIVE SHOW COMINGS TITLE: shows new products, cataloged but not loaded into the warehouse

ACTIVE BUTTON "NEXT TITLE": activates next title, next page button

ACTIVE TOUCH INFO: activates info of the individual keys on the screen

ACTIVE SHORT DETAILS: activate details

ACTIVE SEARCH FROM: activate search button

ACTIVE CLICHE' MODE: activates cliché mode (Only for LUX type Tools)

ACTIVE MULTIPLE BCD: activate multiple reading

FILTER UNUSED GENRES: automatically removes genres that are not used from display

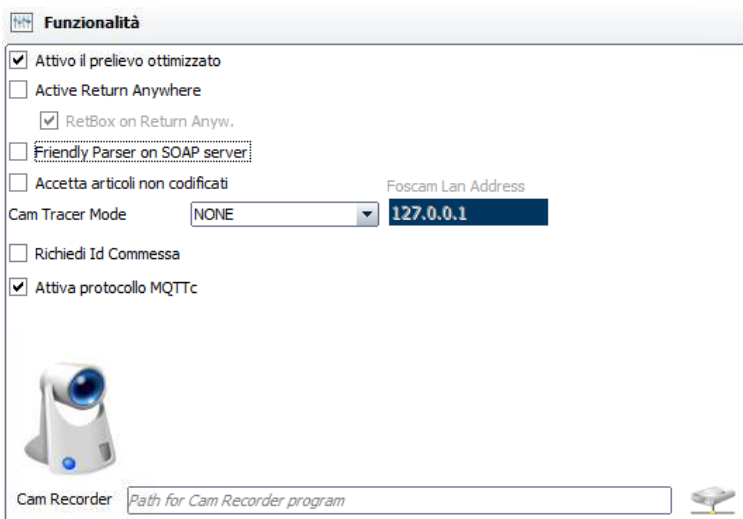
SORTING: possibility to see the products in the desired order (alphabetical, insertion, etc.)

ACTIVATE HELP BUTTON: only for PHARMA system (enter the nurse's Skype name)

ACTIVE SCREEN SAVER: Enter screen saver URL


ACTIVE MEDIA PLAYER (IIMONITOR): possibility of adding a second monitor to view info, videos, descriptions, security (etc.)

Features



Funzionalità

- ☒ Attivo il prelievo ottimizzato
- ☐ Active Return Anywhere
 - ☒ RetBox on Return Anyw.
- ☐ Friendly Parser on SOAP server
- ☐ Accetta articoli non codificati
- Cam Tracer Mode: - ☐ Richiedi Id Commessa
- ☒ Attiva protocollo MQTTc

 Cam Recorder

Description of fields:

ACTIVATE OPTIMIZED WITHDRAWAL: withdrawal

ACTIVE RETURN ANYWHERE: return on every machine (not available for tools)

FRIENDLY PARSER ON SOAP SERVER: integration changes

ACCEPT NON-CODED ITEMS: load products with a non-coded code into the warehouse

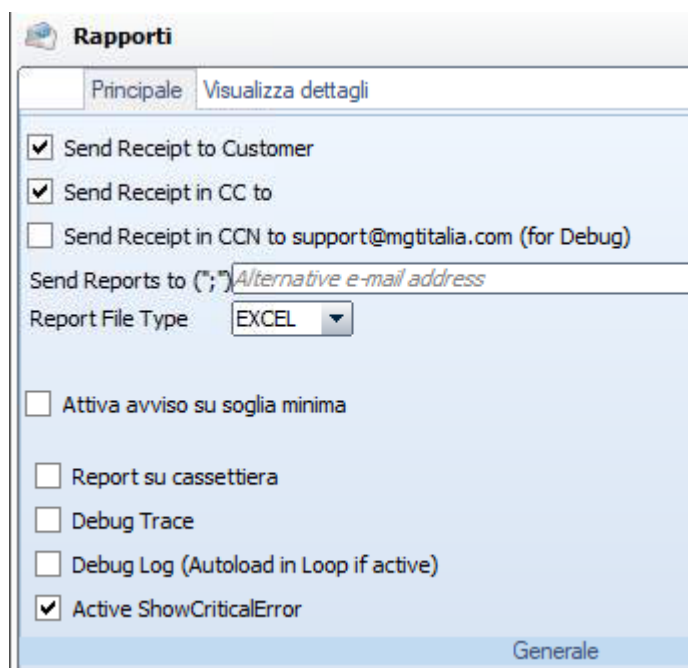
CAM TRACE MODE: enter the mode and IP address of the cam that takes photos when returning or loading the product (in the case of multiple CAMs, enter the IP in sequence EX. 192.168.1.10 – 11)

REQUEST ORDER ID: possibility of entering the order at the time of withdrawal

CAM RECORDER: insert path to save video footage for surveillance (not for Tools)

ACTIVATE MQTTC PROTOCOL: used on MgtDrs systems. It is checked if a DS2824 relay card with new logic (without WDMA) is mounted

Reports



Principal

SEND RECEIPT TO CUSTOMER: send email to the recipient written in SEND REPORTS TO

SEND RECEIPT IN CC TO: always send a copy to MGT

SEND RECEIPT IN CCN: always send a blind copy to MGT

SEND REPORTS TO: I send the reports to insert ; if we add more recipients; incorrect change in stock... maximum 250 characters

REPORT FILE TYPE: type of reports sent EXCEL or CSV

ACTIVATE NOTICE ON MINIMUM THRESHOLD: send immediate email when the minimum threshold is reached

REPORT ON CHEST OF DRAWERS: possibility to print / view the picking list of the chest of drawers

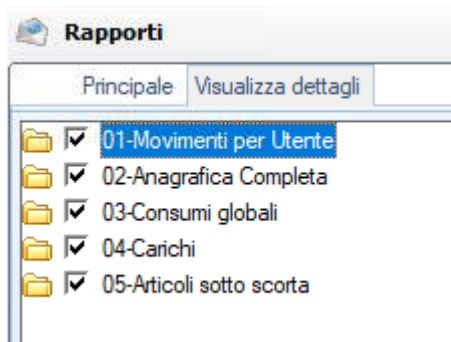
DEBUG TRACE: trace every single movement in the Process files. **COMPETENT PERSONAL ONLY**

DEBUG LOG: trace every single movement in the Process files. **COMPETENT PERSONAL ONLY**

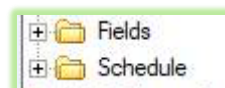
ACTIVE SHOW CRITICAL ERROR: show critical errors (service function)

Show details

In this section it is possible to configure the reports to be sent by email (each report is made up of a configurable EXCEL table)

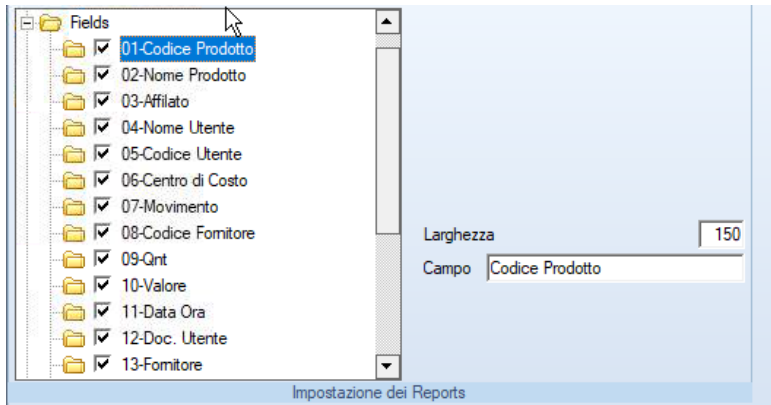


Each report is 100% configurable

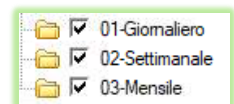


We can see that the report consists of two subfolders described below:

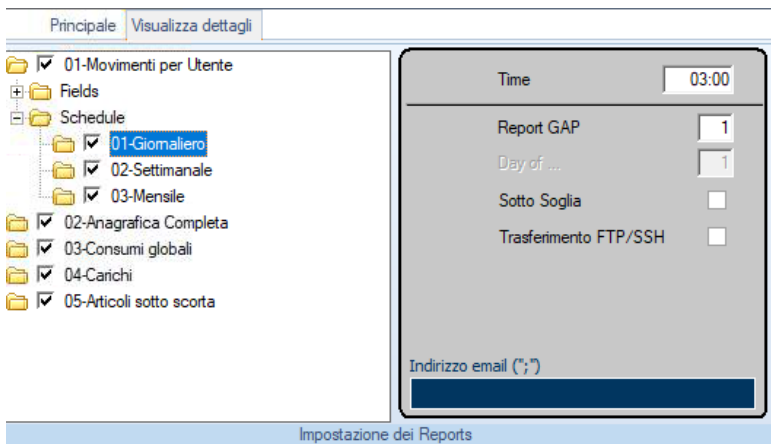
FIELD: Contains the title of the columns of the EXCEL table present in the selected email



We have the possibility to remove the check if we do not need a field and we can also change its title (FIELD space)



SCHEDULE: here we have the possibility to schedule the sending of the email



TIME: One feature is that of being able to choose the time to send the email (NB. The email is always generated at 3.00 in the morning when it is assumed there is no data flow and then sent at the established time)

REPORT GAP: Period expressed in number of days, object of analysis for the report

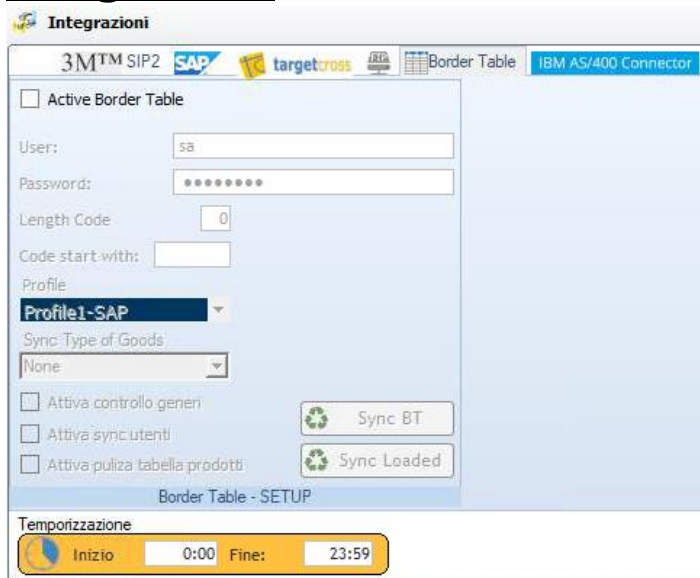
DAY OF: Day of the week the report is sent (disabled on daily)

BELOW THRESHOLD: present only on COMPLETE RECORDS and ITEMS IN STOCK

FTP/SSH TRANSFER: FTP integration

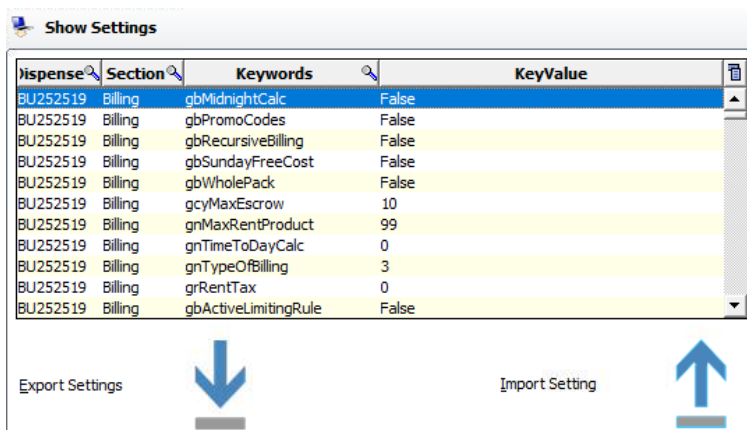
EMAIL ADDRESS: enter the email address of the person who will receive the email notification

Integrations



Section dedicated to the many types of integration **COMPETENT STAFF ONLY**

Show Settings



Dispense	Section	Keywords	KeyValue
BU252519	Billing	gbMidnightCalc	False
BU252519	Billing	gbPromoCodes	False
BU252519	Billing	gbRecursiveBilling	False
BU252519	Billing	gbSundayFreeCost	False
BU252519	Billing	gbWholePack	False
BU252519	Billing	gcyMaxEscrow	10
BU252519	Billing	gnMaxRentProduct	99
BU252519	Billing	gnTimeToDayCalc	0
BU252519	Billing	gnTypeOfBilling	3
BU252519	Billing	grRentTax	0
BU252519	Billing	gbActiveLimitingRule	False

IMPORT or EXPORT of software configurations. **COMPETENT STAFF ONLY**

Product configuration


Configurazione prodotti

Magazzino

BU252519

BUARM001 SLAVE

Dimensioni	Descrizione

Active switch BoX type 

Configuration of the type of products, drawers or cabinets, **COMPETENT STAFF ONLY**

Lockers and Drowers

Activation of external drawers, lockers, bins collection glove

Lockers and Drowers

☐ Attiva miniBox

Lan Address
IP address of miniB

TEST CONNESSIONE

☐ Attiva Lista Cassettiera

Port
DISABLED

TEST CONNESSIONE

Back Box
NONE

Lan Address
127.0.0.1

Foscam Lan Address
127.0.0.1

TEST CONNESSIONE

☒ Attiva Cassettiera ELock

ACTIVATE MINIBOX: activate PROMOTEC model cabinets

ACTIVATE LISTA CHEST OF DRAWERS: activate LISTA model external chest of drawers



BACK BOX: activation of external container for collection of used objects (it will be necessary to enter an IP address to activate the lock and IP address of the cam to take photos upon return)

ACTIVATE ELOCK DRAWER CHEST: activate external drawer unit with or without electric locks

7.5 DEVICES AND RECOGNITIONS

Setting up payment systems, credit cards and banknote/coin readers

Gateway di pagamento e dispositivi per l'identificazione

Common Settings

Payment Gateway Type

- ☒ eProcessingNetwork
- ☐ Authorize.Net
- ☐ First Data
- ☐ SixCardSolutions
- ☐ RBSLink
- ☐ YESpay EMBOSS
- ☐ CCV - TeleCash
- ☐ Hypercom
- ☐ Pax Technology
- ☐ Ingenico
- ☐ GlobalCom BI3000

Max Number of Days for Return

Amount extra to Pay on product not returned

☐ Enable Recursive Billing

GlobalBIN criterion

- ☐ Disable prepaid cards
- ☐ Enable Check Zip Code

Recharge mode

- ☐ Cash device
- ☒ Payment Gateway
- ☐ Both

Max Excrow

GatewayType

- ☒ NONE
- ☐ TO ONLY PREPAID CARD (GlobalBIN) Max Number of good Rent/day with Credit Lock
- ☐ TO ALL CREDIT CARD Fixed Amount of Credit Lock

eProcessingNetwork

Authorize.Net

First Data

SIX CARD SOLUTIONS

RBSLink

YESPAY **emboss**

CCV TeleCash

HYPERCOM

PAX

Ingenico

Globalcom

Test Function



By pressing with the mouse on
2 sections:

we access the recognition systems section made up of

UI DEVICES AND SETTINGS: section dedicated to setting the user and external product reading device (serial readers, RFID readers, keyboards etc.)

DESK DEVICES: product reading devices mounted on the machine

Devices and Settings

Dispositivi ed impostazioni UI

Identificazione Utente

☐ None
☐ Wdma driver
☐ Serial Barcode reader
☐ Swipe reader HID
☐ Reader on USB
☐ Keyboard on touch
☒ GIGATEK RF Port: **COM 4**
☐ NewLand
☐ External DB

☒ Login required ☐ Use Finger Print ☒ WithOut use Pin
 Level Age to Access: **16**

Auto registrazione Account Utente
☐ NONE
☐ Payment Gateway
☒ ICC - FCC - TSC

Importo da pagare al primo acces: **0,00** ☐ Ask if Print the Ticket

Lettore esterno Port: **DISABLED**

☒ None
☐ Wdma driver
☐ Serial Barcode reader
☐ Swipe reader HID
☐ Swipe reader on USB
☐ Keyboard on touch
☐ Unitech USB VCOM
☐ NewLand

Lettore supplementare Port: **DISABLED**

☒ None
☐ Wdma driver
☐ Serial Barcode reader
☐ Swipe reader HID
☐ Swipe reader on USB
☐ Keyboard on touch
☐ Unitech USB VCOM
☐ NewLand

Procedura esterna per gestire la conversione Id Card

```

PROCEDURE IdCardConvers(DT)
DT:sCardNum=DT:sCardNum
DT:sIso2=Charact(0x3B)+numtostring(HexaToInt(DT:sTrk[[4 to 11]]),"010d")+Charact(0x3F)
Result DT
  
```

USER IDENTIFICATION: type of user recognition reader, select and set COM port (if present)

EXTERNAL READER: external reader for barcode reading, select and set COM port

ADDITIONAL READER: second external reader for barcode reading

LOGIN REQUIRED: request for recognition upon access (LOGIN)

USE FINGER PRINT: use fingerprint reader

WITHOUT USE PIN: don't ask for the pin, log in only with your badge or username

LEVEL AGE TO ACCESS: minimum age to access the warehouse (NOT for Tools systems)

USER ACCOUNT SELF REGISTRATION: badge self-learning

AMOUNT TO BE PAID UPON FIRST ACCESS: not for Tools systems

ASK IF PRINT THE TICKET: print receipt when recharging or paying for the product

In the section below we will indicate the type of PRG that will decode the badge code (max code extension 256 characters)

Procedura esterna per gestire la conversione Id Card

```

PROCEDURE IdCardConvers(DT)
DT:sCardNum=DT:sCardNum
DT:sIso2=Charact(0x3B)+numtostring(HexaToInt(DT:sTrk[[4 to 11]]),"010d")+Charact(0x3F)
Result DT
  
```

Desk devices

In this section the various internal readers are selected

 **Dispositivi Desk**

Riconoscimento utente

Identificazione Utente

☒ None
☐ Wdma driver
☐ Serial Barcode reader
☐ Swipe Reader HID
☐ Reader on USB
☐ Keyboard on touch
☐ GIGATEK RF
☐ NewLand
☐ External DB



Riconoscimento prodotto

Lettore Desk

☒ None
☐ Wdma driver
☐ Serial COM/VCOM
☐ USB HID/PS2
☐ RFID UHF



USER RECOGNITION: select the type of internal counter reader

PRODUCT RECOGNITION: select the type of external barcode reader

Test functions

In this section, badge conversion tests are performed

Funzioni di Test

BufferTrakChr

BufferTrakHex

02304630323733333236350D0A03

Result Conv

Conversion

7.6 WHATSAPP

Enter your phone number to receive any errors via WhatsApp

FUNCTION NOT SUPPORTED

7.7 RECONSTRUCTION

Index reconstruction in case of corrupt archives.

7.8 COMMIT XPE

Save changes and restart your PC in case of Windows Embedded

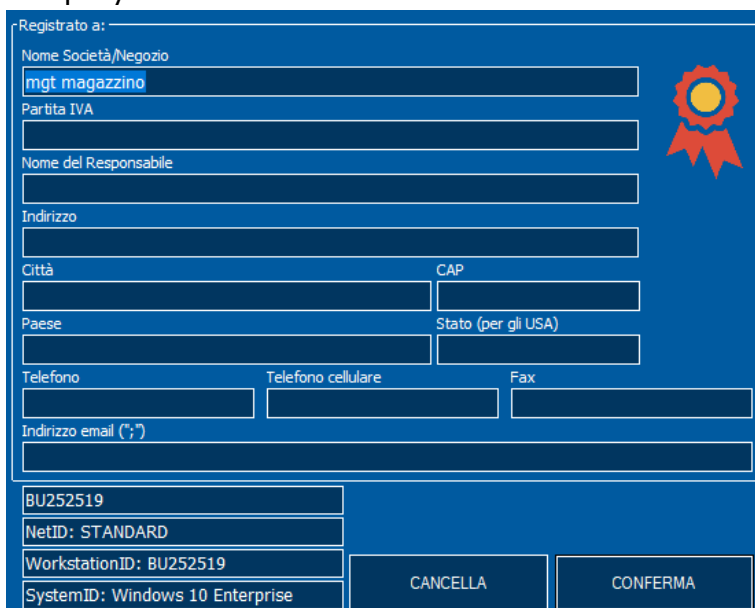
7.9 SERVICE

Test service program. **COMPETENT STAFF ONLY**

8. INFORMATION

8.1 REGISTRATION FORM

Company data



Registrato a:

Nome Società/Negozio
mgt magazzino

Partita IVA

Nome del Responsabile

Indirizzo

Città CAP

Paese Stato (per gli USA)

Telefono Telefono cellulare Fax

Indirizzo email (*;*)

BU252519

NetID: STANDARD

WorkstationID: BU252519

SystemID: Windows 10 Enterprise

CANCELLA CONFERMA

The form is a blue-themed registration interface. It contains several input fields for company information, a red award ribbon icon on the right side, and a bottom section with system identifiers and two buttons: 'CANCELLA' and 'CONFERMA'.

It is important to enter the reference email where the "OUT OF SERVICE" logs of the machine or the logs of non-corresponding quantities on the "REPORT A PROBLEM" tray will arrive



MGT Italia Srl
Corso Rosmini 76
38068 Rovereto (TN)
Italy

T. + 39 0464 480684
F. + 39 0464 487154
info@mgtitalia.com
www.mgtitalia.com

C. Fisc. - P. Iva 02394620211
REA n. 175756

8.1 AGREEMENT

User license

8.3 HEAD QUARTER

Website of the manufacturer MGTITALIA

8.4 SERVICE STATUS

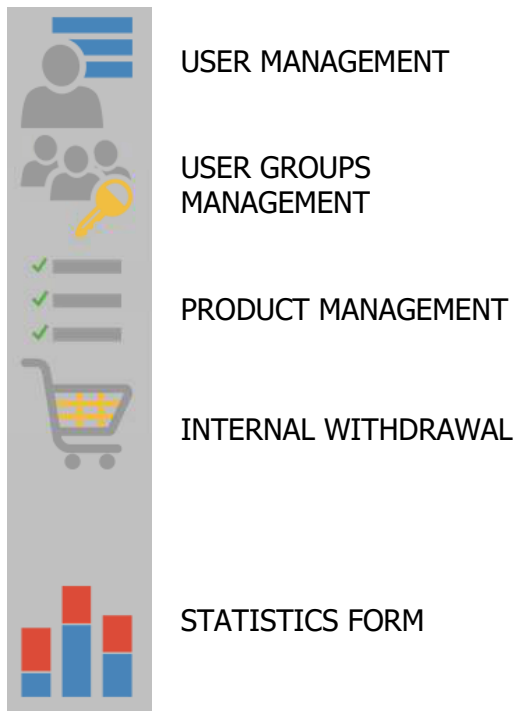
Status of services

8.5 ABOUT


Information regarding the software

9. USER MANAGEMENT

On the left side of the main i24Manager window there is a toolbar with the main functions (see below)



In all the tables and in all the columns we can apply filters that will help us find the requested

data, in fact it will be enough to press the right mouse button on the symbol  present in the column title and a table will appear as shown below, select **FILTER** and then on the right select the appropriate field:

START WITH: searches for an operator that begins with "PARAMETER"

CONTAINS: searches for an operator name that contains "PARAMETER"

Stato	Codice Id	
ENABLED	0C57CF9EC3CB2E53EF2D8A74D9752FB6	
ENABLED	4DAF1A814D01C823CA319D875B0CCB26	
ENABLED	4B1323CD7B63431D48C04359D119374F	

Find

Filter

Delete the filter

Store the filters

Is equal to '0C57CF9EC3CB2E53EF2D8A74D...'

Is equal to '4DAF1A814D01C823CA319D875...'

Is equal to '4B1323CD7B63431D48C04359D...'

Store the sorts

Copy the column

Is equal to

Starts with

Contains

Ends with

Is empty

Is different from

Does not start with

Does not contain

Does not end with

9.1 USER MANAGEMENT

A table will appear in the user management section as shown below

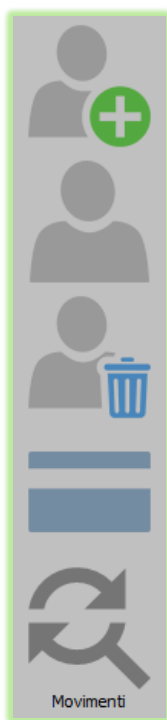
Stato	Codice Id	Nome	Numero Tessera	Doc_Id	Centro di Costo	Gru
ENABLED	4DAF1A814D01C823CA319D875B0CCB26	BADGE 4119	0004006929		macchina 2	
ENABLED	4B1323CD7B63431D48C04359D119374F	PROVA	0005359501			
ENABLED	0C57CF9EC3CB2E53EF2D8A74D9752FB6	ADMIN	0005359500			

+

-

Storico

Search



ADD USER

EDIT USER

DELETE USER

RECALL USER WITH BADGE READING

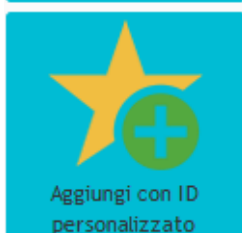
USER MOVEMENT HISTORY



To add a new user, press the button , and then select the type of learning:



Add user with Automatic ID



Add user ID with the badge number entered in the field to the right of the button

Cutom ID Card



Add user ID with recognition reader installed on the desk PC. To register the user with this method, press on the icon and place the badge on the counter reader

9.2 USER PROFILE

Anagrafica Utente

Codice

0E0D3D6A7D970F6975D112B6CF17D72E

Numero Tessera

C0000001

Cognome e Nome

Accesso

☐ Permessso
 ☒ Non Permessso
 ☐ Da Registrare

Indirizzo

Città

CAP

Stato

IdDoc ERP

Data Nascita

Luogo Nascita

Lingua di Default

Gruppo di appartenenza

Abilitazioni

☐ Prelievo
 ☐ Restituzione
 ☐ Carico
 ☐ Amministra
 ☐ Manuten.
 ☐ Locker
 ☐ NAS
 ☐ Consenti Limitati

PIN

Scrivi Tessera

Centro di Costo

Transazioni

In restituzione

Movimenti

Rapporti

Description of main fields:



CARD NUMBER: badge number initially entered (it cannot be changed)

SURNAME AND NAME: operator name and surname

ACCESS: if the user has access to the warehouse, tick the "PERMISSION" box

On the left side we can enter some information about the user such as ADDRESS, CITY, ZIP code, STATE, PLACE AND DATE OF BIRTH.

IdDoc ERP: additional user identification code

Default language: select the display language

GROUP TO BELONG: work group to which it belongs (useful for restrictions)

COST CENTER: associate only if the operator belongs to only one cost center

QUALIFICATIONS: qualifications permitted by the operator

WITHDRAWAL: withdrawal of products via LOGIN

RETURN: return of products through RETURN

LOADING: loading of new products through SERVICE

ADMINISTRATION: operator authorized to unlock the machine

MAINTENANCE: operator enabled to unlock the machine and view sensor cleaning

LOCKER: enabling withdrawal from external drawers

NAS: Untracked withdrawals

ALLOW LIMITED: access to the LIMITED category

PIN: possibility for the OPERATOR to access by PIN in the absence of an access badge

On the right side of our window, we find 4 icons described below:



Transazioni



In restituzione



Movimenti



Rapporti

TRANSACTIONS: function not available

BEING RETURNED: material being loaded to be returned

MOVEMENTS: operations performed by the user in question

REPORTS: reports sent to the user in question

By selecting the blue bars at the bottom of the window we will be able to fill in other information fields on the user in question.



9.3 EDIT USER AND CHANGE OR RECYCLE BADGE

Edit User

To modify the data of an existing user, select the desired user and press the button



otherwise double click on the name

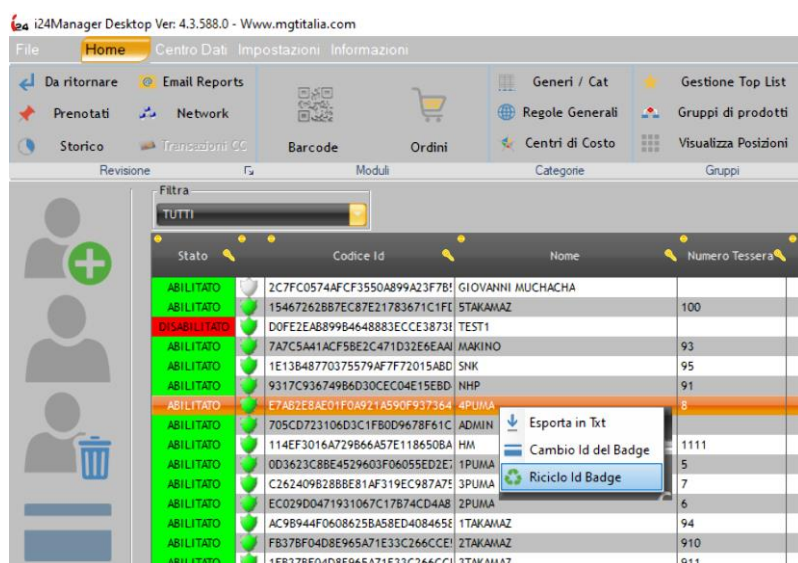


Then press on to confirm and save the changes made

Change Badge ID or Recycle

Select the user, right-click on the ID code and select **"Activate user for local use"**

To replace or recycle a badge already acquired, right-click on the name:



ID BADGE RECYCLING FUNCTION: It allows you to reuse a badge assigned to a user, to a new user (ex. employee who quits), deleting the history and the objects in charge.

The old user remains disabled with a random ID as a reference for the movement history.

BADGE ID CHANGE FUNCTION: It allows you to change the ID of the badge assigned to the user, maintaining the history of movements and objects in the care of the operator.

9.4 DELETE A USER



To delete a user, he must be selected and then deleted by pressing the button .
A table will appear asking you to confirm the deletion.
By selecting YES the user will be completely eliminated from the list, but not his history.

9.5 HISTORY




To see the history of an operator, press the button , a table will thus appear with all the movements made by that operator (for the description of the fields see paragraph 5.2 HOME - HISTORY)

Each table can be printed or saved. Simply press the center of the table with the right mouse button and select the desired option.

Storico Movimenti/Transazioni									
Magazzino		Filtra		DA	09/03/2020	00:00:00			
		TUTTI		A	16/03/2020	23:59:59	Aggiorna		
Id Batch	Nome Utente	Descrizione	Tipo Movimento	Data Ora	Qnt	QntP	Codice Fornitore	Info	
	ADMIN	KSEMP2800HPG CREA ORDINE		13/03/2020 12:19:03	7	0	0011314002	CUSPIDI206	
	ADMIN	KSEM3100PCIA P CREA ORDINE		13/03/2020 12:18:15	6	0	0011300164	CUSPIDI210	
	ADMIN	KSEM3750HPGM CREA ORDINE		13/03/2020 12:14:20	10	0	0011300156	CUSPIDI200	
f0b73a9a0c2f4d748d0a93f2e427f7f8	ADMIN	CNMG 160612 SI CHIUSURA ORDINE		13/03/2020 12:01:21	60	0	0010005033	IINSTORNT4	
f0b73a9a0c2f4d748d0a93f2e427f7f8	ADMIN	CNMG 160612 SI CREA ORDINE		13/03/2020 11:43:25	60	0	0010005033	IINSTORNT4	
d1bb6ef1c8b448c383c1aaef37714cc5	ADMIN	KPHT 1605 TLS4 CHIUSURA ORDINE		13/03/2020 11:37:52	100	0	0010002031	IINSALESAT57	
d1bb6ef1c8b448c383c1aaef37714cc5	ADMIN	KPHT 1605 TLS4 CREA ORDINE		13/03/2020 11:35:14	100	0	0010002031	IINSALESAT57	
0d0ef05664447b596d5c57f71ebec19	ADMIN	DNMG150604-FI CARICO MAG		13/03/2020 09:47:42	40	40	10037	10037	
e1d65970c19433db2019e63a4c68fcc	ADMIN	026.5 - 452H-26 CARICO MAG		11/03/2020 17:18:54	2	2	16515188	CUSPIDI156	
bb45063609154bcb0649486267f8fa0	ADMIN	026.5 - 452H-26 ELIMINO MAG		11/03/2020 17:18:00	1	-1	16515188	CUSPIDI156	
1001f80d5b334ad4a16ee36777a50b30	ADMIN	026.5 - 452H-26 RITORNO SU RETURN		11/03/2020 17:17:18	1	1	16515188	CUSPIDI156	
1001f80d5b334ad4a16ee36777a50b30	ADMIN	026.5 - 452H-26 RITORNO SU RETURN		11/03/2020 17:16:49	2	2	16515188	CUSPIDI156	
1001f80d5b334ad4a16ee36777a50b30	ADMIN	026.5 - 452H-26 PRELIEVO SU RETURN		11/03/2020 17:15:45	0	0	16515188	CUSPIDI156	
1001f80d5b334ad4a16ee36777a50b30	ADMIN	026.5 - 452H-26 PRELIEVO SU RETURN		11/03/2020 17:15:16	0	0	16515188	CUSPIDI156	
1001f80d5b334ad4a16ee36777a50b30	ADMIN	026.5 - 452H-26 CAMBIO LOCALIZIONE		11/03/2020 17:14:55	1	0	16515188	CUSPIDI156	
Totale					637	123			
Conteggio					68				
Media					9				

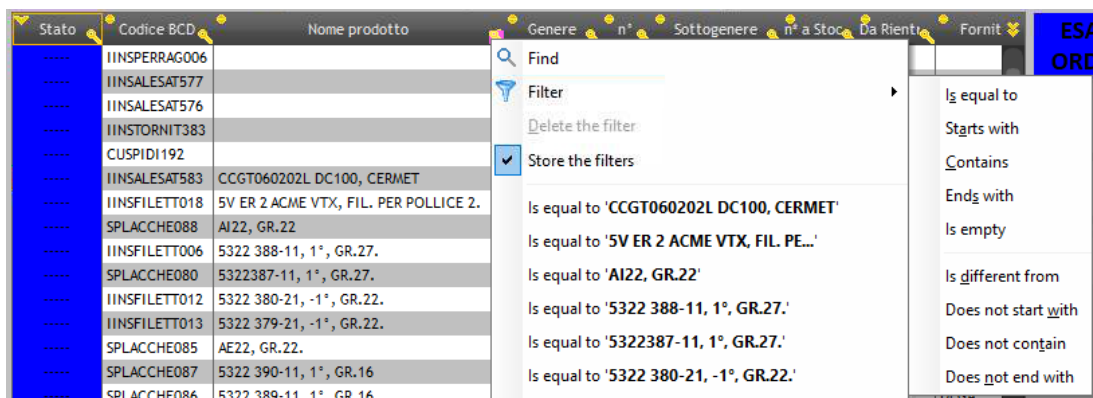
10. PRODUCT MANAGEMENT

In all the tables and in all the columns we can apply filters that will help us find the requested

data, in fact it will be enough to press the right mouse button on the symbol  present in the column title and a table will appear as shown below, select **FILTER** and then on the right select the appropriate field:

START WITH: searches for an operator that begins with "PARAMETER"

CONTAINS: searches for an operator name that contains "PARAMETER"



The screenshot shows a table with columns: Stato, Codice BCD, Nome prodotto, Genere, n°, Sottogenere, n° a Stock, Da Rientro, Fornit. A right-click context menu is open over the 'Genere' column, showing options: Find, Filter, Delete the filter, and Store the filters. The 'Filter' option is selected, and a sub-menu is open showing various filter operators: Is equal to, Starts with, Contains, Ends with, Is empty, Is different from, Does not start with, Does not contain, and Does not end with.

10.1 PRODUCT MANAGEMENT

When you access the PRODUCT management section, a table as shown below will appear.

Stato	Codice BCD	Nome prodotto	Genere	n°	Sottogenere	n° a Stock	Da Rientro	Fornit	ES	ORD
.....	IINSPERRAG006									
.....	IINSALESAT577									
.....	IINSALESAT576									
.....	IINSTORNIT383									
.....	CUSPIDI192									
.....	IINSALESAT583	CCGT060202L DC100, CERMET								
.....	IINSFILETT018	SV ER 2 ACME VTX, FIL. PER POLLICE 2.								
.....	SPLACCHE088	A122, GR.22								
.....	IINSFILETT006	5322 388-11, 1°, GR.27.								
.....	SPLACCHE080	5322387-11, 1°, GR.27.								
.....	IINSFILETT012	5322 380-21, -1°, GR.22.								
.....	IINSFILETT013	5322 379-21, -1°, GR.22.								
.....	SPLACCHE085	AE22, GR.22.								
.....	SPLACCHE087	5322 390-11, 1°, GR.16								
.....	SPI ACCHF086	5322 389-11, 1°. GR.16								

Distributori <input type="text"/>	<input checked="" type="checkbox"/> NUOVC <input checked="" type="checkbox"/> New	 Codice fornitore per Acq: <input type="text"/>	Categoria Tag <input type="text"/>	Tag <input type="text"/>
--------------------------------------	--	---	---------------------------------------	-----------------------------

Description of fields:

DISTRIBUTORS: select the distributor on which we want to search for the product

TAG CATEGORY: select the TAG category

TAG: select the relevant TAG

SUPPLIER CODE: supplier code

Then by pressing on the lens we will find the product corresponding to the field compiled in previously.

NEW: if the check is active, we only see the products present in the car



Add a product

Copy product

Change product master data

Delete selected product

View all product movements

10.2 PRODUCT REGISTRY

CODE: the product code is created automatically from 10000 onwards or the code belonging to the management system must be entered

PRODUCT NAME: name displayed by the operator during the withdrawal phase

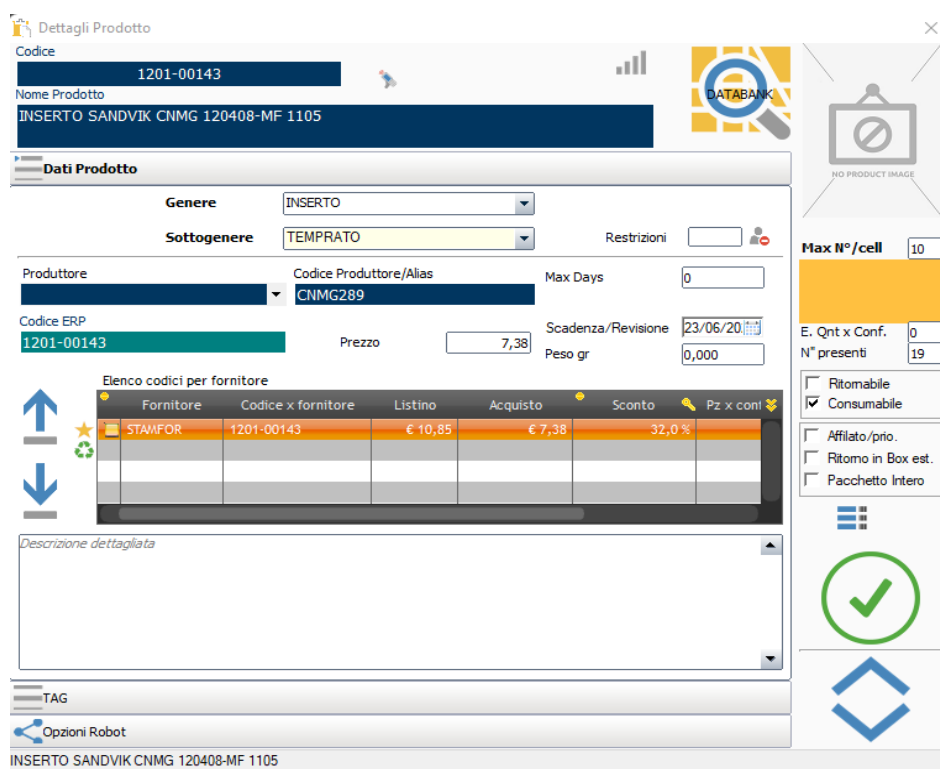
Section description:

The product registry is divided into 3 sections:

PRODUCT DATA

TAG

ROBOT OPTIONS



Dettagli Prodotto

Codice: 1201-00143

Nome Prodotto: INSERTO SANDVIK CNMG 120408-MF 1105

Dati Prodotto

Genere: INSERTO

Sottogenere: TEMPRATO

Produttore: CNMG289

Codice ERP: 1201-00143

Prezzo: 7,38

Scadenza/Revisione: 23/06/20

Peso gr: 0,000

Max N°/cell: 10

E. Qnt x Conf. 0

N° presenti 19

Elenco codici per fornitore

Fornitore	Codice x fornitore	Listino	Acquisto	Sconto	Pz x cont
STAMFOR	1201-00143	€ 10,85	€ 7,38	32,0 %	

Descrizione dettagliata

TAG

Opzioni Robot

INSERTO SANDVIK CNMG 120408-MF 1105

Product data:

Genere
Sottogenere **Restrizioni**

Produttore **Codice Produttore/Alias**
Codice ERP **Prezzo** **Scadenza/Revisione**
Peso gr

Elenco codici per fornitore

Fornitore	Codice x fornitore	Listino	Acquisto	Sconto	Pz x con
CERATIZIT ITALI	5371010130	€ 64,53	€ 52,53	18,6 %	

Descrizione dettagliata

Description of fields:

GENRE: category to which the product belongs (see section 5.6)

SUBGENRE: subcategory (see section 5.6)

RESTRICTIONS: tick to enable DPI categories and obligation to view video (3rd CAT. DPI)

MANUFACTURER: manufacturer of the item that we can select from the drop-down menu

MANUFACTURER CODE/ALIAS: manufacturer identification code

ERP CODE: code useful for management

PRICE: purchase price of the item

MAX DAYS:

EXPIRY/REVISION: indicate the expiry or revision date of an item (ex. measuring instruments)

WEIGHT: weight of the item expressed in grams

LIST OF CODES PER SUPPLIER: in this table we can specifically define some important information on suppliers for the management of our items.

To populate this table, simply press the right button inside it and select add code:

Elenco codici per fornitore

Fornitore	Codice x fornitore	Listino	Acquisto	Sconto	Pz x cor
OSG ITALIA S.R.L.	8712410	€ 243,20	€ 145,92	40,0 %	
MGT	235154654	€ 0,00	€ 0,00	0,0 %	

Descrizione dettagliata

Aggiungi codice
Modifica codice
Elimina Codice

A table like the one below will then appear:

Codici Fornitore

Codice fornitore per Acquisto

Codice fornitore

Affiliato/prio.

Prezzo a Listino 0,00

Qnt x Conf. 0

Sconto 0,0 %

Tempi di consegna 0

Prezzo di acquisto 0,00

Prossimo Audit

Fornitore MGT

✓

SUPPLIER CODE: code with which we order the item

LIST PRICE: sales price

DISCOUNT: possible discount

PURCHASE PRICE: purchase price

QNT X PACKAGE: number of items per single package


DELIVERY TIMES: material delivery times

NEXT AUDIT: next check

DESCRIPTION: white space where you can write notes

SUPPLIER: supplier of the item



Fornitore		Codice x fornitore
	MGT	235154654

[illegible]87



Description of fields:

TAG CATEGORY: search for the family of previously written TAGs (section 5.6)


NEW TAG: write the characteristic of that product and press +


It will be added in the table under the family and then with the arrows we must drag the created TAG into the left table, now the TAG will be associated with the product.

If we already have corresponding TAGS in the right table we can select them and drag them into the left table without having to create them again.

Robot options:

As a rule, the status of this section cannot be changed

 **Opzioni Robot**



Distributore

☐ Non Disponibile
☐ Disponibile
☐ Prenotato
☐ Prenotato Vendita
☐ Venduto
☐ Noleggiato
☐ Riservato RTB
☐ Noleg. Ris. RTB
☐ NON DEFINITO
☐ NOT AV STORE
☒ AV STORE

Distributore

NEW*

Utente

Data Noleggio

Ora

Data Carico

ProductType

BO1

Ultima Modifica Prodotto

14/10/2021 16:30


Ultima Modifica Titolo

07/10/2021 15:00



To enable the changes, press on the yellow triangle , it is now possible to change the status of the product, **COMPETENT STAFF ONLY**

Product options:


Dettagli Prodotto


Codice
1201-00163

Nome Prodotto
INSERTO SANDVIK DCMT 11T304-UM 1515

Dati Prodotto

TAG


Opzioni Robot


Stato Prodotto
☐ Non Disponibile
☒ Disponibile
☐ UNKNOWN

ProductType Default
801

Id_Dispenser	Alias	Reorderlevel	Maxlevel	Minlevel	n°	n° a Stock
BU232417		10	20	5	2	17
BU256720		10	20	5		

Max N°/cell 10
E. Qnt x Conf. 0
N° presenti 17
☐ Ritomabile
☒ Consumabile
☐ Affilato/prio.
☐ Ritorno in Box est.
☐ Pacchetto Intero



Description Fields:

MAX N°/CELL: maximum number of items (of the same type) on the same tray

MIN LEVEL: further subthreshold alarm, it can be equal to the reorder, equal to 0 or if we don't need it set to -1

REORDER LEVEL: threshold at which the e-mail for reordering the material will be sent

MAX LEVEL: maximum quantity we want to keep in stock

N°: Quantity of cells occupied by the product

STOCK N°: Quantity of product in stock

QNT X PACK: quantity per product package (ex. inserts 10 pcs, tips 1 pc, cusps 1 pc, etc.)

N° PRESENT: quantity present at that moment in the warehouse, data provided automatically

RETURNABLE: tick if the product can be used multiple times (ex. measuring instruments)

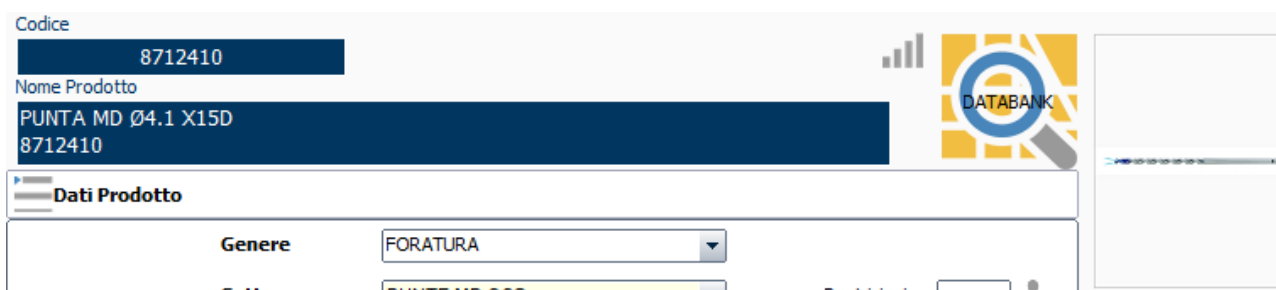
CONSUMABLE: tick if the product must be thrown away once used (ex. inserts)

SHARP / PRIO: tick if that product is loaded as sharp/priority

RETURN TO EXTERNAL BOX: tick if the product must be disposed of in a special container communicating with the warehouse

WHOLE PACKAGE: tick if the operator does not take a single piece but the entire package (ex. if it is not checked and the operator wants a pack of inserts he will have to write 10, otherwise, with the tick, the operator once selected the product will automatically indicate 10)

Insert images:



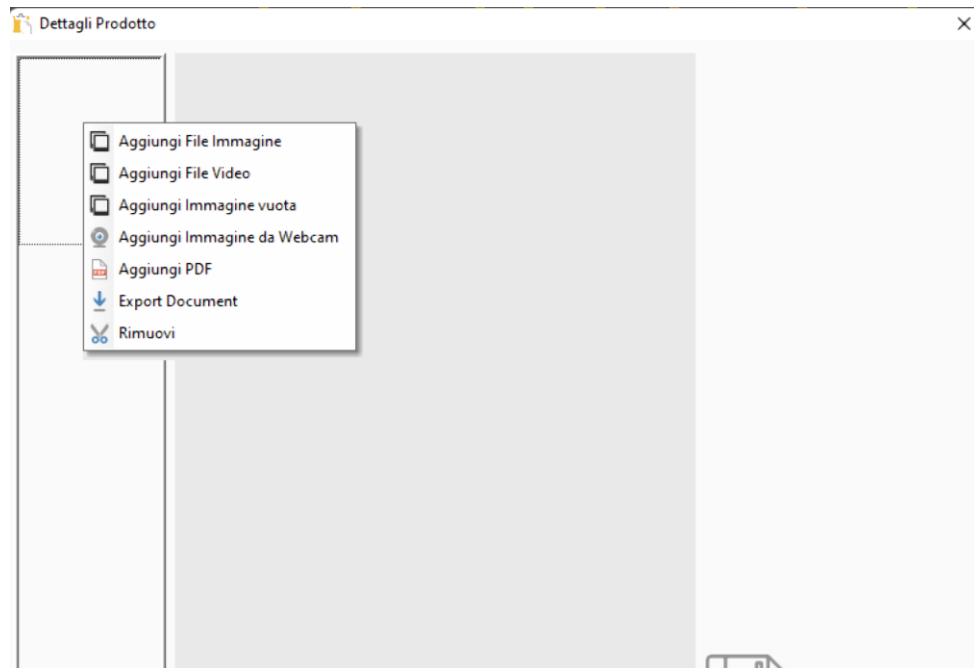
We can add **IMAGES**, **VIDEOS** and **PDFs** to each product.
To do this, there are two systems:

1- It is possible to import all product images (see section 6.3)

1- It is possible to insert each photo manually by pressing the button



and then the entry window below will open:



By pressing in the left area with the right mouse button, multiple functions will be offered:

ADD IMAGE FILE: search for the image in your favorite folder, on a USB stick or by searching for it on the internet

ADD VIDEO FILE: add a video file (the video must be in .wma format)

ADD BLANK IMAGE: Adds a blank screen

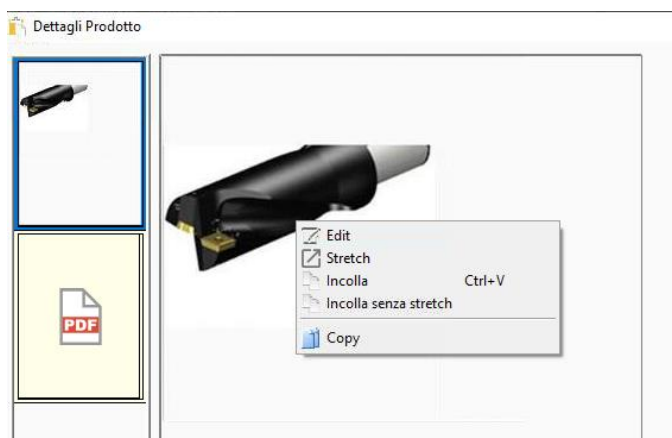
ADD IMAGE FROM WEBCAM: if we have a webcam connected to our PC we can take the photo in real time

ADD PDF: add a pdf file previously downloaded from the internet

EXPORT DOCUMENT: export the previously loaded image or document

REMOVE: remove the product image or pdf file

Once the image has been defined we can edit it to optimize the vision on board the machine. By right clicking on the loaded image the following functions will be displayed:



STRECH: to adapt the image to our worksheet

EDIT: to edit and modify the image as we wish and save the changes

10.3 COPY PRODUCT

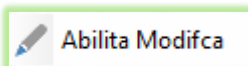
If we need to add a product with a different name but the same characteristics / parameters of a



product already inserted, we can press the button and we will find the new article with all the parameters filled in, just change the title and save.

10.4 EDIT PRODUCT

If we need to modify a certain product added previously, but not yet inserted into the machine (if the product has already been inserted, unload it), to modify the PRODUCT NAME or CODE we must position ourselves in the field and press the right mouse button we select



only now will it be possible to modify the 2 fields. All other fields can be modified as desired.

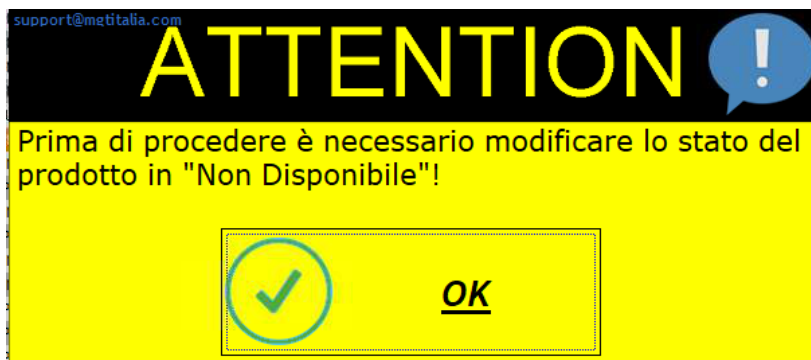
10.5 DELETE PRODUCT



To delete a specific product, select it and then press on will be deleted, if the operation is not successful there could be two reasons:

1- Product out of stock but still available in the registry

In this case a warning will appear (see image below)



To resolve the error, open the product registry, ROBOT OPTIONS and after clicking on the yellow triangle, move the check mark from AVAILABLE to UNAVAILABLE. (see paragraph 10.2)
You can now delete the product.

2- Product still present in the machine

In this case a warning will appear

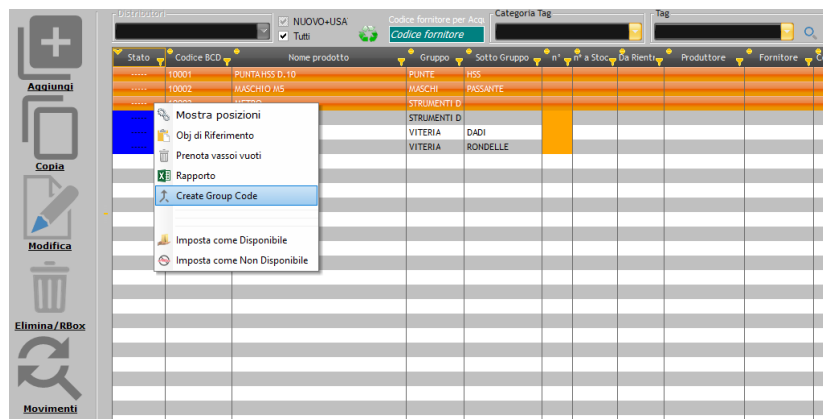


To resolve the error, select YES and at this point, going to the warehouse, press the SERVICE button and DOWNLOAD FROM RTBX.

The warehouse will download the product into the RASTER and only now can we delete our product from the product list.

10.6 MULTI-PRODUCT

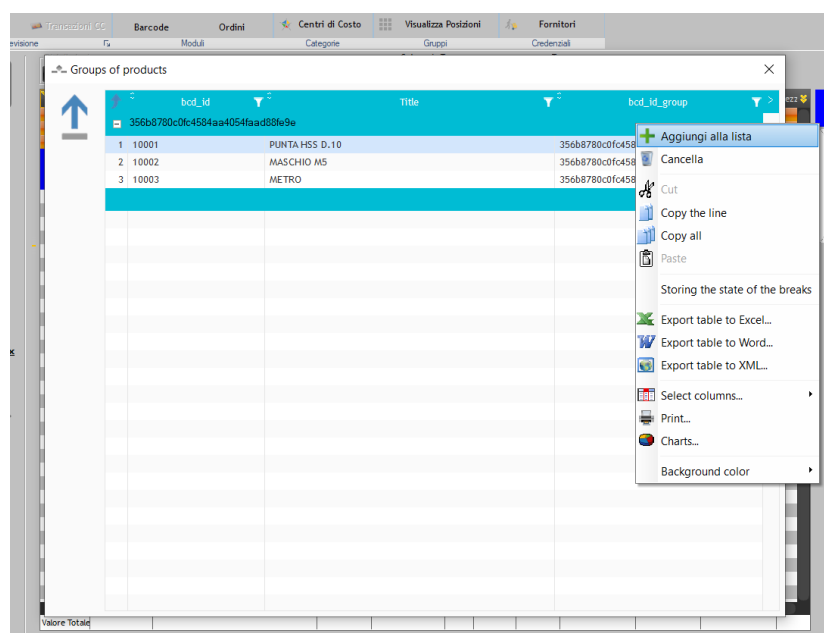
4. From the list of products, select the affected items and right-click on the Status column, click on Create Group Codes.



1. A window with the created product groups will open. Subsequently you will need to print the Qrcode and place it on the tray.

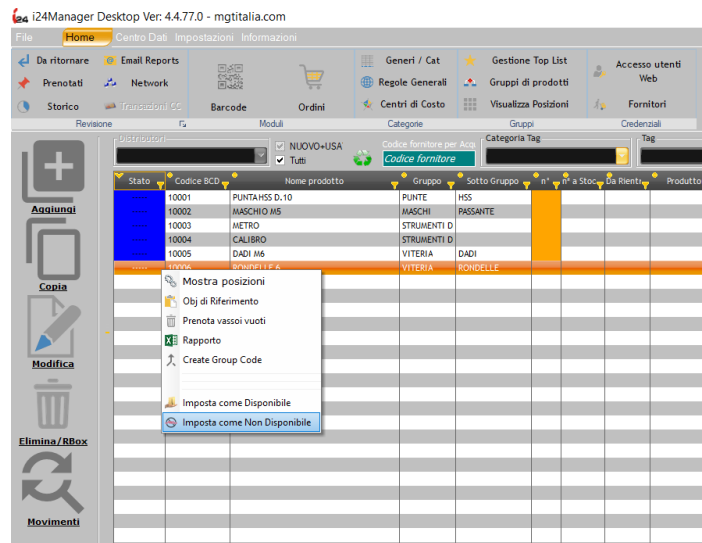
2. On the machine, enter the Service menu, select "Load full/partial quantity", choose the type of tray and when the front reader is turned on, read the previously printed QR code.

3. The list of products assigned to that group will appear and we will define the quantities to load

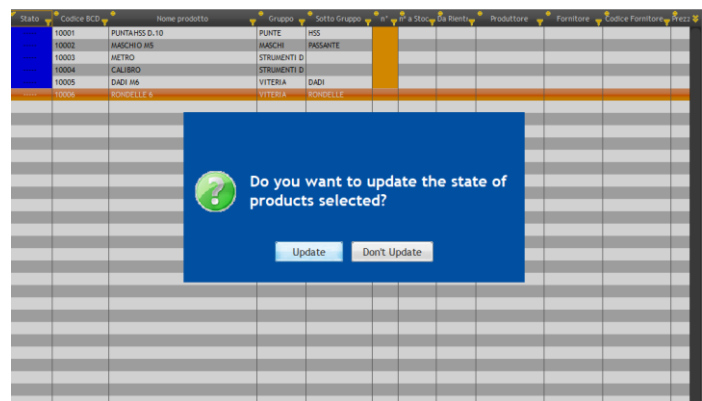


10.7 DISABLE A PRODUCT

1. To make an item present in the car "unavailable", select it with the right mouse button from the "Status" column and click on Set as unavailable




2. Select Update to confirm the operation. The status of the selected item will change to "Not available" (red color)



10.8 MOVEMENTS

It is possible to verify all the movements made by a specific product.



Select the product and press the button  , a table will appear with the various operations

Storico Movimenti/Transazioni

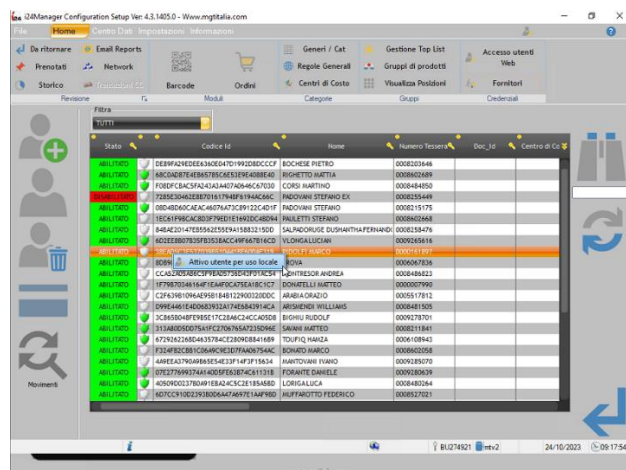
Magazzino Filtra

DA 10/03/2020 00:00:00 A 17/03/2020 23:59:59

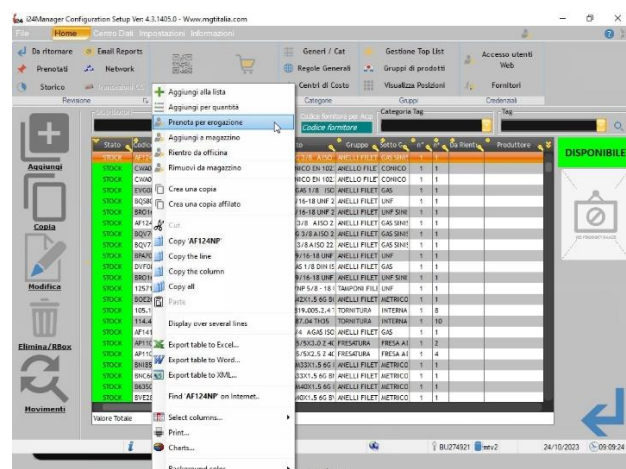
Id Batch	Nome Utente	Descrizione	Tipo Movimento	Data Ora	Qnt	Codice Fornitore	Info
	BADGE 4119	Ø26.5 - 452H-26	CARICO MAG	16/03/2020 12:36:10	2	16515188	CUSPIDI156
	BADGE 4119	Ø26.5 - 452H-26	CARICO MAG	16/03/2020 12:35:54	2	16515188	CUSPIDI156
e1d658970cf9433db2019e63a4c68fcc	ADMIN	Ø26.5 - 452H-26	CARICO MAG	11/03/2020 17:18:54	2	16515188	CUSPIDI156
bb450636b9154bcfb0649486267f8fa0	ADMIN	Ø26.5 - 452H-26	ELIMINO MAG	11/03/2020 17:18:00	1	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	RITORNO SU RETURN	11/03/2020 17:17:18	1	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	RITORNO SU RETURN	11/03/2020 17:16:49	2	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	PRELIEVO SU RETURN	11/03/2020 17:15:45	0	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	PRELIEVO SU RETURN	11/03/2020 17:15:16	0	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	CAMBIO LOCAZIONE	11/03/2020 17:14:55	1	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	RITORNO SU LOGIN	11/03/2020 17:14:24	0	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	RITORNO SU LOGIN	11/03/2020 17:13:55	0	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	PRELIEVO SU LOGIN	11/03/2020 17:13:01	2	16515188	CUSPIDI156
1001f80d5b334ad4a16ee36777a5bb30	ADMIN	Ø26.5 - 452H-26	PRELIEVO SU LOGIN	11/03/2020 17:12:31	2	16515188	CUSPIDI156
3d998fc6b7924691be20837998957e39	ADMIN	Ø26.5 - 452H-26	CARICO MAG	11/03/2020 17:04:06	2	16515188	CUSPIDI156
f90994b4d2f84902b523a84b2d79cb9e	ADMIN	Ø26.5 - 452H-26	ELIMINO MAG	11/03/2020 17:02:06	0	16515188	CUSPIDI156
Totale					27	0	

10.9 WITHDRAWAL LISTS – RESERVATION FROM THE COUNTER

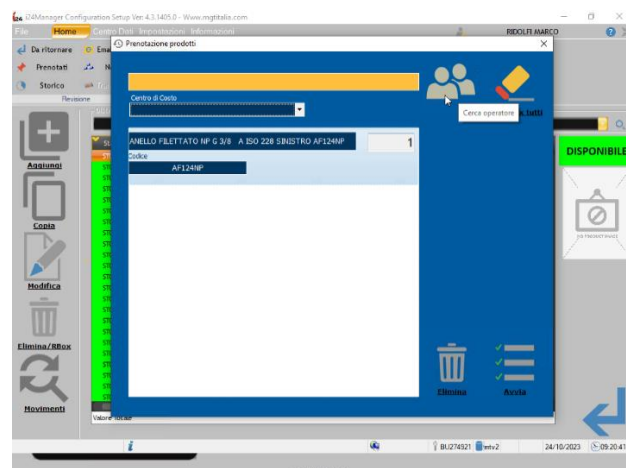
1. Contact user management.
Select a user with the right mouse button and enable the "Activate user for local use" option



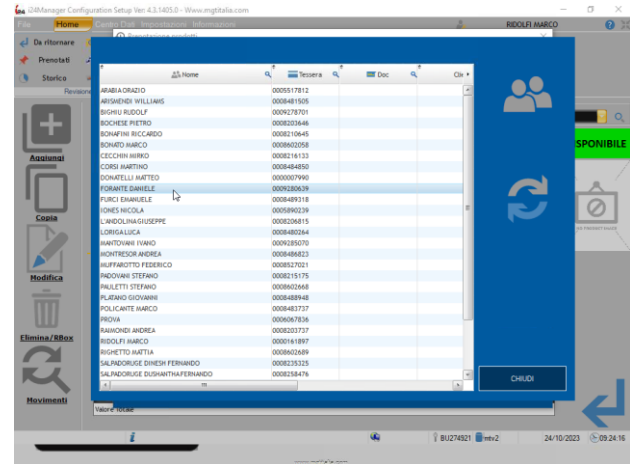
2. Open product management and right-click the item to reserve



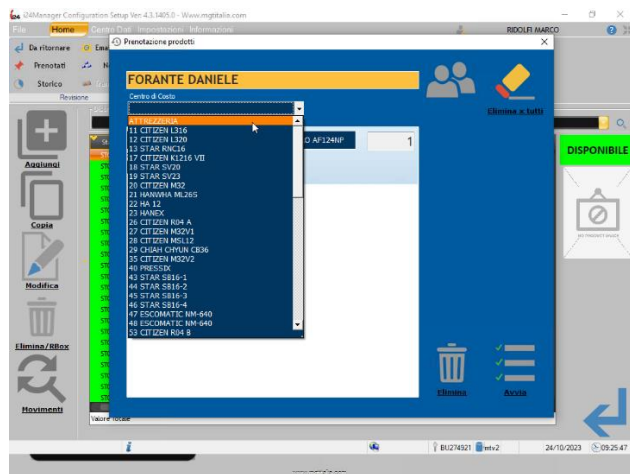
3. Select the "Search operator" icon to view the list of users



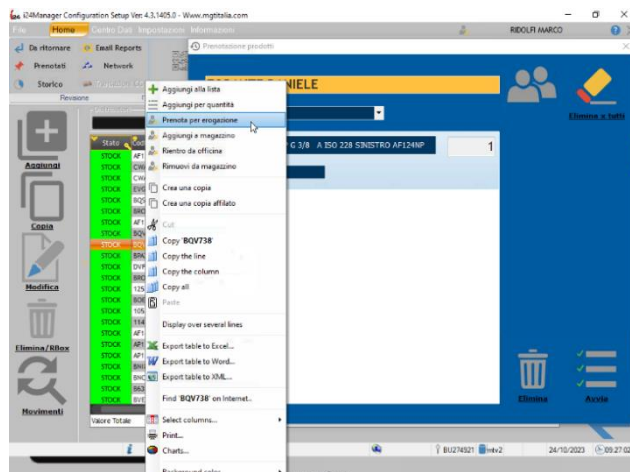
4. Search for the desired user and double-click with the left mouse button to assign the reservation



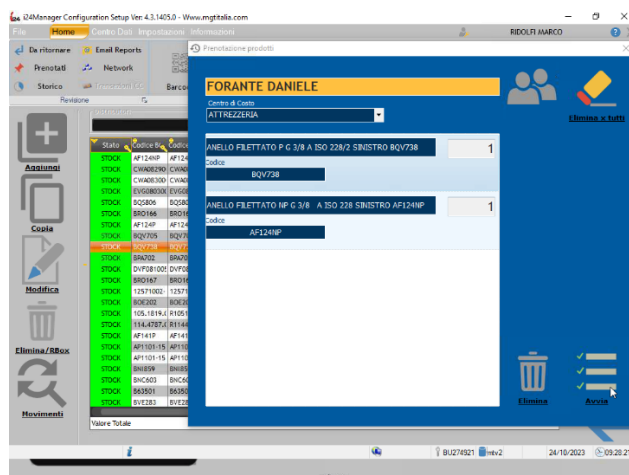
5. It is possible to assign a "cost center" by opening the drop-down menu



6. To add a different item to the same picking list, repeat the operation (point 2) selecting the desired item from product management
7. To increase the withdrawal quantity of an item, repeat the operation (point 2) selecting the same item from product management

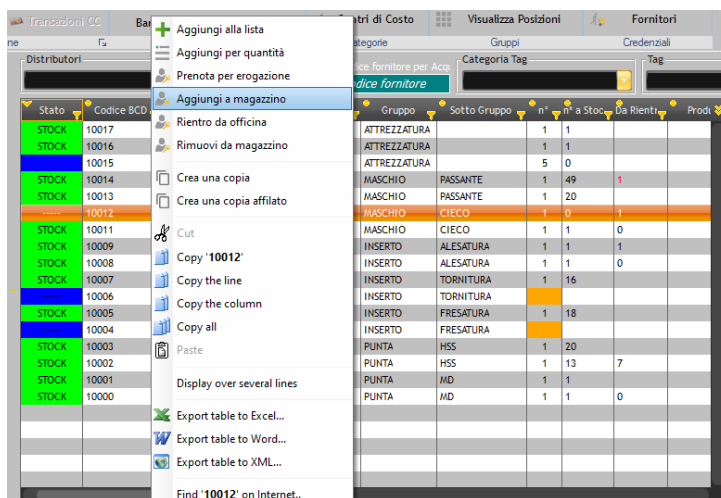


8. To complete the reservation, press the "Start" icon
9. Go to the machine, identify yourself using the badge (the same one for which the list was assigned) and automatically collect the newly created list of products.

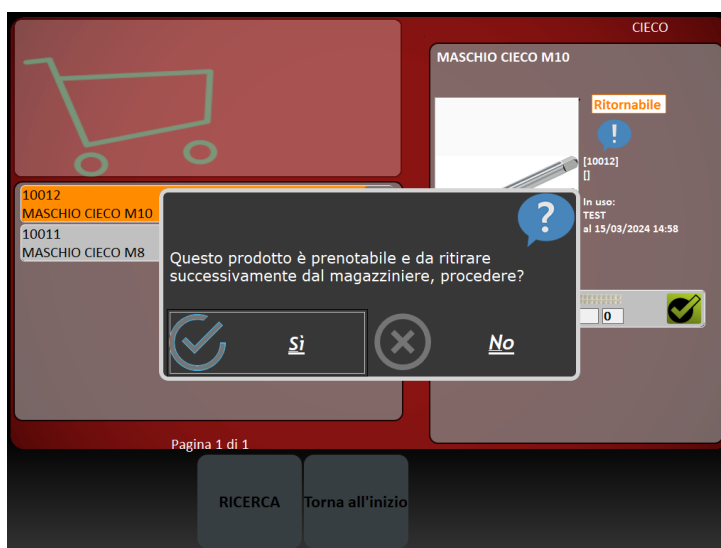


10.10 PRODUCT RESERVATION

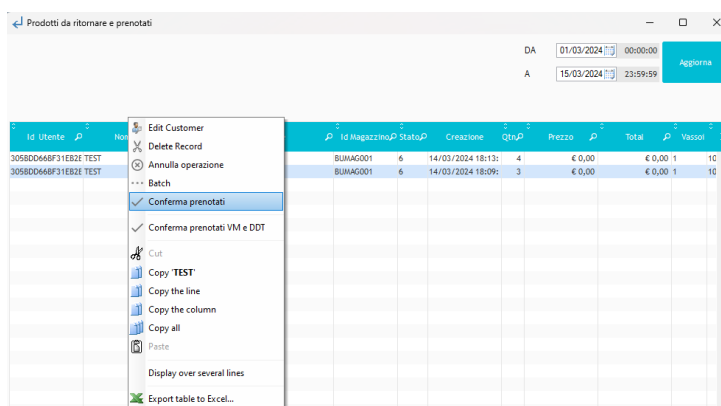
1. Activate the user for local use, open the product management and right-click on the BCD Code column and click "Add to warehouse"
2. Confirm the warnings that will appear subsequently and when the keypad opens, type the quantity you want to load into the virtual warehouse



3. When we want to withdraw an item loaded virtually, the following message will appear
4. Once confirmed, the withdrawal request and a possible email will be sent to the warehouse worker




5. From the counter station, select the "Reserved" item to view the requested products.
6. To complete the operation, select the required product and right-click on "Confirm booked"

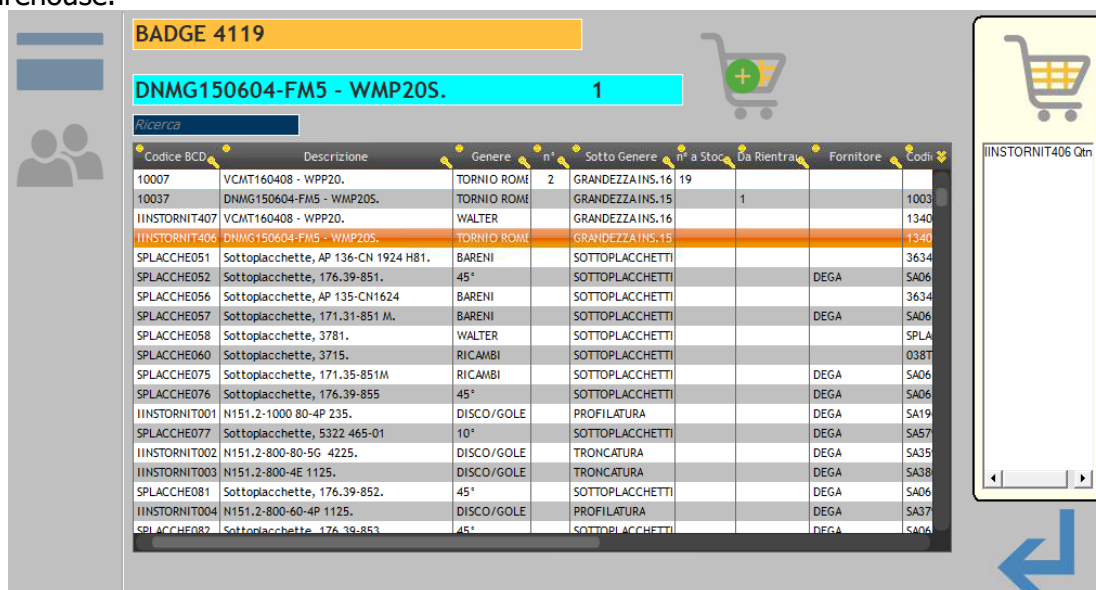


11. INTERNAL

11.1 INTERNAL WITHDRAWAL


By pressing the button  it is possible to take material that is present outside the warehouse (warehouse or secondary shelf)

It can be used for example if we want to deliver products that are not physically allocated within the warehouse.



Codice BCD	Descrizione	Genere	n°	Sotto Genere	n° a Stoc	Da Rientra	Fornitore	Cod.
10007	VCMT160408 - WPP20.	TORNIO ROM	2	GRANDEZZA INS. 16	19			1003
10037	DNMG150604-FM5 - WMP20S.	TORNIO ROM		GRANDEZZA INS. 15		1		1003
IINSTORNIT407	VCMT160408 - WPP20.	WALTER		GRANDEZZA INS. 16				1340
IINSTORNIT406	DNMG150604-FM5 - WMP20S.	TORNIO ROM		GRANDEZZA INS. 15				1340
SPLACCHE051	Sottopiacchette, AP 136-CN 1924 H81.	BARENI		SOTTOPLACCHETTI				3634
SPLACCHE052	Sottopiacchette, 176.39-851.	45°		SOTTOPLACCHETTI			DEGA	SA06
SPLACCHE056	Sottopiacchette, AP 135-CN1624	BARENI		SOTTOPLACCHETTI				3634
SPLACCHE057	Sottopiacchette, 171.31-851 M.	BARENI		SOTTOPLACCHETTI			DEGA	SA06
SPLACCHE058	Sottopiacchette, 3781.	WALTER		SOTTOPLACCHETTI				SPLA
SPLACCHE060	Sottopiacchette, 3715.	RICAMBI		SOTTOPLACCHETTI				038T
SPLACCHE075	Sottopiacchette, 171.35-851M	RICAMBI		SOTTOPLACCHETTI			DEGA	SA06
SPLACCHE076	Sottopiacchette, 176.39-855	45°		SOTTOPLACCHETTI			DEGA	SA06
IINSTORNIT001	N151.2-1000 80-4P 235.	DISCO/GOLE		PROFILATURA			DEGA	SA19
SPLACCHE077	Sottopiacchette, 5322 465-01	10°		SOTTOPLACCHETTI			DEGA	SA57
IINSTORNIT002	N151.2-800-80-56 4225.	DISCO/GOLE		TRONCATURA			DEGA	SA35
IINSTORNIT003	N151.2-800-4E 1125.	DISCO/GOLE		TRONCATURA			DEGA	SA38
SPLACCHE081	Sottopiacchette, 176.39-852.	45°		SOTTOPLACCHETTI			DEGA	SA06
IINSTORNIT004	N151.2-800-60-4P 1125.	DISCO/GOLE		PROFILATURA			DEGA	SA37
SPLACCHE082	Sottopiacchette, 176.39-853.	45°		SOTTOPLACCHETTI			DEGA	SA06

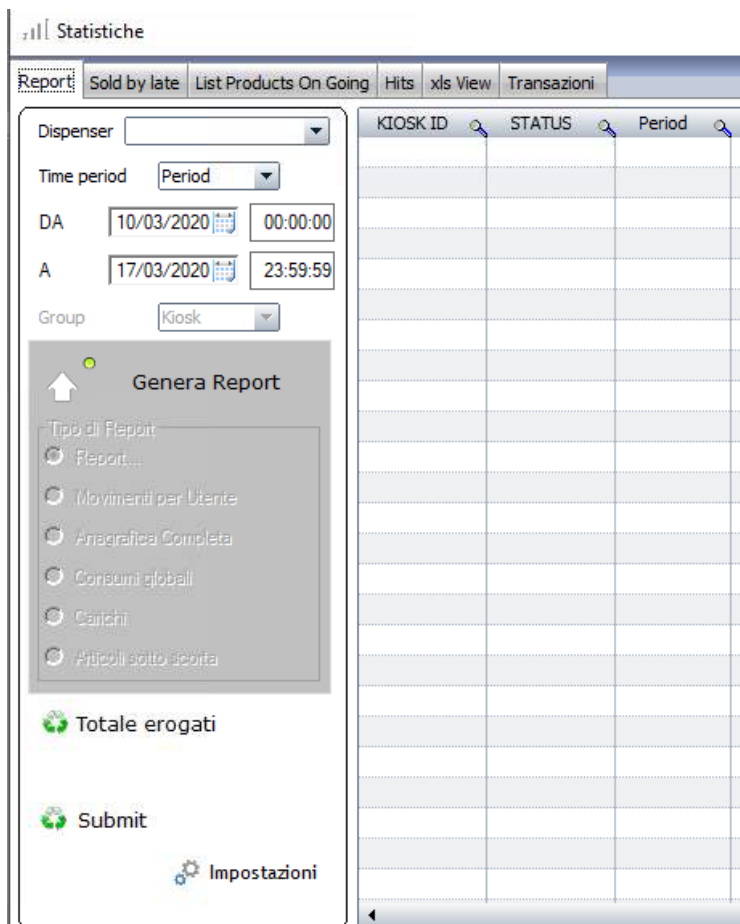
- 1- Add the name of the user to whom you want to assign the product, by pressing on the badge icon and placing it on the counter reader, or by selecting it from the list on the users

icon. Once you have selected the product, press on the icon .

- 2- The product has now been assigned to the operator.

11.2 STATISTICS MENU

In this section you will see statistics and statistical reports based on the selected time period.



The screenshot displays the 'Statistiche' (Statistics) menu. On the left, there is a sidebar with the following elements:

- Dispenser:** A dropdown menu.
- Time period:** A dropdown menu set to 'Period'.
- DA:** Date and time selector set to '10/03/2020 00:00:00'.
- A:** Date and time selector set to '17/03/2020 23:59:59'.
- Group:** A dropdown menu set to 'Kiosk'.
- Genera Report:** A button with an upward arrow icon.
- Tipi di Report:** A list of report types: 'Report...', 'Movimenti per Utente', 'Anagrafica Completa', 'Consumi globali', 'Carichi', and 'Articoli sotto scorta'.
- Totale erogati:** A button with a green circular arrow icon.
- Submit:** A button with a green circular arrow icon.
- Impostazioni:** A button with a gear icon.

The main area on the right shows a table with the following headers: 'KIOSK ID', 'STATUS', and 'Period'. The table is currently empty.

By entering the **DATE** and **TIME** period of time, and pressing the Generate Report button, the required machine statistical report will be displayed.

By selecting **SETTINGS** we will be directed to the reporting configuration (section 7.1 Reports).

12. EXTERNAL DRAWER CHEST

To add a new chest of drawers, press the **ADD** button and fill in the following fields:



ID DISPENSER: Enter the name of the external warehouse to add, the name must consist of 8 characters.

ALIAS NAME: Enter the alias "**SLAVE**" because the machine is not the main one.

Once saved by pressing the **SAVE** button and then **CLOSE**, our new chest of drawers will be displayed.

At this point we should indicate how many drawers it is made up of and how many spaces will be available for each drawer. (Follow instructions in section 5.11)

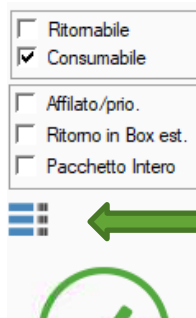
At this point our chest of drawers will be ready to be loaded.

12.2 CELL ASSOCIATION

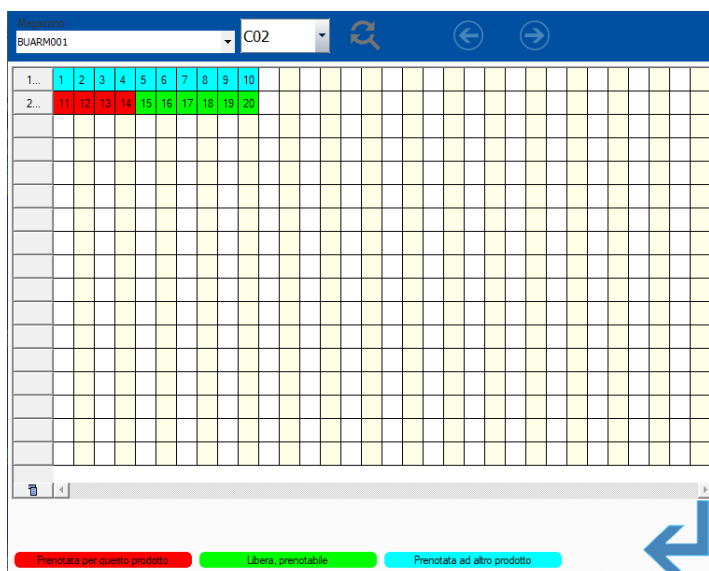
To load the chest of drawers, open the registry of the product we need to load and press the



button



A table will open where you can enter the name of the **WAREHOUSE** and the **DRAWER** that will accommodate the product (see example below)



The screenshot shows a software window titled 'Magazzino' with a dropdown menu set to 'BUARM001' and another dropdown set to 'C02'. Below these are navigation buttons (refresh, back, forward). The main area is a large grid. The first two rows are numbered 1 and 2. Row 1 has columns 1-10 highlighted in blue. Row 2 has columns 11-20 highlighted in red. The rest of the grid is empty. At the bottom, there are three buttons: 'Prenotata per questo prodotto' (red), 'Libera, prenotabile' (green), and 'Prenotata ad altro prodotto' (blue). A large blue arrow points to the right.

In the example we can see the warehouse name BUARM001, drawer number C02, and the positions that compose it.

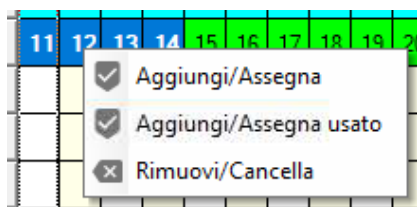
Locations will be highlighted in three colors:

GREEN: cells not assigned to any product

BLUE: cells assigned to other products (to see which product it is associated with, just position the mouse on the cell and we will see the code that occupies it appear)

RED: cell assigned to this product in our case the associated positions will be from 11 to 14.

To associate the positions, right-click on the position number/numbers and select **ADD / ASSIGN** (see below)

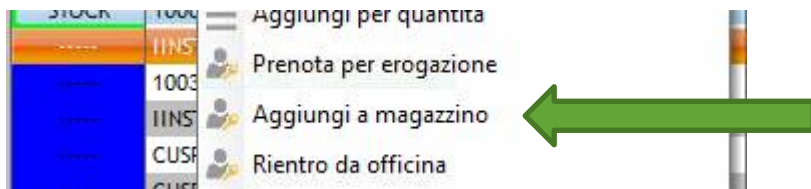


ADD/ASSIGN USED: Assign locations for used/regrinded items

REMOVE / DELETE: removes or deletes the selected location/locations.

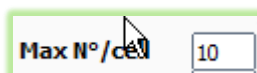
12.3 PRODUCT LOADING

To load the product, open the product list and select the product, right-click on the **BCD CODE** column and select **ADD TO STOCK**



Once the product addition operation has been confirmed, it will be necessary to indicate the quantity that will be loaded. The maximum loadable quantity will be shown in red (the quantity we

have indicated in the product master data for the position



Section 10.2)



After indicating the loading quantity, the location of the product will be indicated to us with:
DRAWER NAME / DRAWER NUMBER / POSITION NUMBER

support@mgtitalia.com

ATTENTION ?

Richiudere il cassetto, hai fatto?
BUARM001|C02|14



Si



No




As soon as confirmed, confirmation of the actual load and location will appear in green


17.	ROMBOIDALI		FEBAMETAL-AME
18.	ROMBOIDALI		FEBAMETAL-AME
19.	ROMBOIDALI		FEBAMETAL-AME
21.	ROMBOIDALI		FEBAMETAL-AME
22.	TORNIO ROM	1	FEBAMETAL-AME
22.	ROMBOIDALI		FEBAMETAL-AME



So the status of our product will no longer be blue but green with the word STOCK

If we need to load sharp or used products into the chest of drawers, we will select the RETURN FROM WORKSHOP item.

STOCK	IINSTORNIT	 Prenota per erogazione  Aggiungi a magazzino  Rientro da officina
-----	10037	
-----	IINSTORNIT	
-----	CUSPIDIOO	



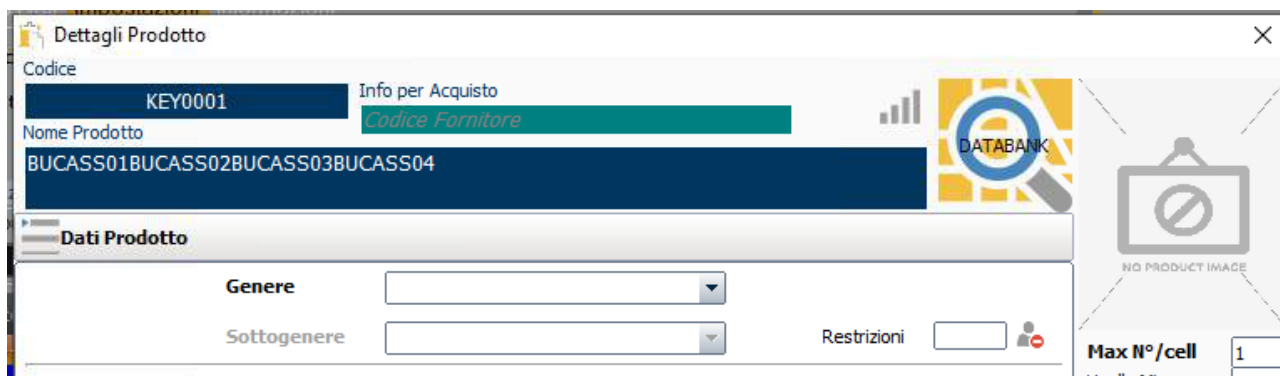
12.4 KEY MANAGEMENT

It is possible to manage drawers with keys, we have the possibility of inserting the key or keys (if there are multiple keys) inside the warehouse. These will only be provided when we go to collect products from the chest of drawers.

To do this it is necessary to create an article with code KEY0001 and in the product name insert the name of the corresponding chest of drawers ex. BUCASS01 (section 5.4)

If we have more chests of drawers we must create other similar items ex. KEY0002 and name BUCASS02 if we want to manage the keys individually on a second tray.

Alternatively, you can insert all the keys in a single drawer, then create the code KEY0001 and write BUCASS01, BUCASS02, BUCASS03 (etc.) in the product name.



Dettagli Prodotto

Codice: **KEY0001** Info per Acquisto
Nome Prodotto: **BUCASS01BUCASS02BUCASS03BUCASS04** Codice Fornitore

Dati Prodotto

Genere:

Sottogenere:

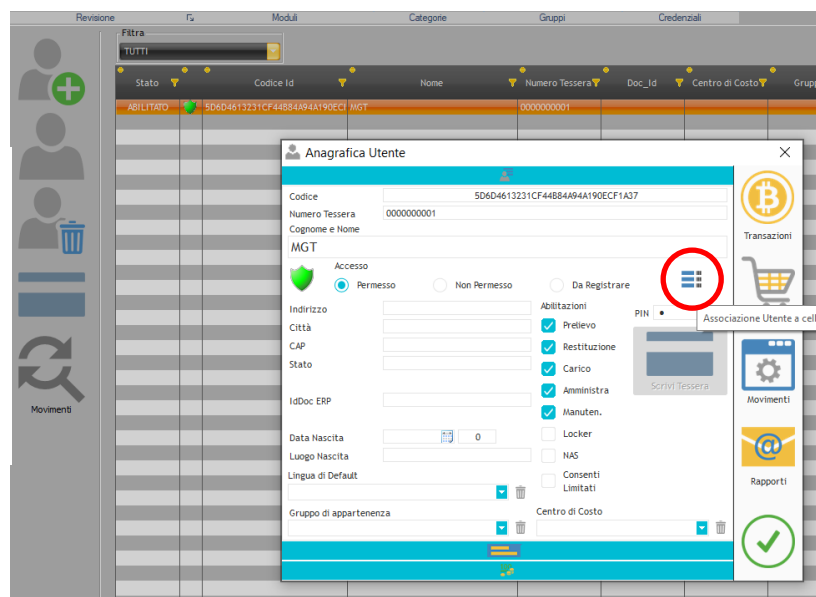
Restrizioni:

Max N°/cell:

13. LOCKER

13.1 LOCKER ASSIGNMENT

1. Open the records of the user for whom you want to assign a personal locker. Click on the icon indicated by the red circle on the right.



2. Select the locker number and right-click "Add/Assign".

The number will turn red and will be assigned to the user.



14. DRS

After creating the MGTDRS distributor positions (section 5.11), we can proceed with the association of the previously established positions products

14.1 CELL ASSOCIATION

The steps for associating products with cells are listed below:



After opening the product registry, press the



button to associate the positions and the appropriate dish

Dettaglio Prodotto

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S01	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S02	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S03	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S04	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S05	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S06	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S07	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S08	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S09	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
S12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

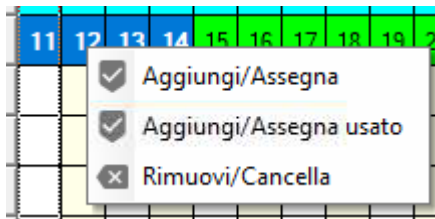
In the demonstration table we will see the situation of the machine in its current state:

S01 – S12: selections / dishes (our vending machine is made up of 12 selections, it can be 12; 14, 15)

32: maximum number of segments in a single dish

GREEN: cells not assigned to any product
BLUE: cells assigned to other products (to see which product it is associated with, just position the mouse on the cell and we will see the code that occupies it appear)
RED: cell assigned to this product

To associate the positions, right-click on the position number/numbers and select **ADD / ASSIGN** (see below)



ADD/ASSIGN USED: Assign locations for used/regrinded items

REMOVE / DELETE: removes or deletes the selected location/locations.

14.2 PHYSICAL LOAD

To load the products on the DRS systems we should access the service menu and press the button

CARICO MANUALE PRODOTTI

Ricerca per...	Quantità assegnata	Quantità max per locazione	Selezione
TUTA TYVEK TG L	0	4	S01
MASCHERINA FFP1	0	8	S02
QUANTO PELLE FIORE TG 10	0	16	S05
QUANTO PELLE FIORE TG 9	0	16	S05
TAPPI AURICOLARI	0	32	S06

The displayed screen will look like this

Left: product name

ASSIGNED QT: quantity available inside the vending machine

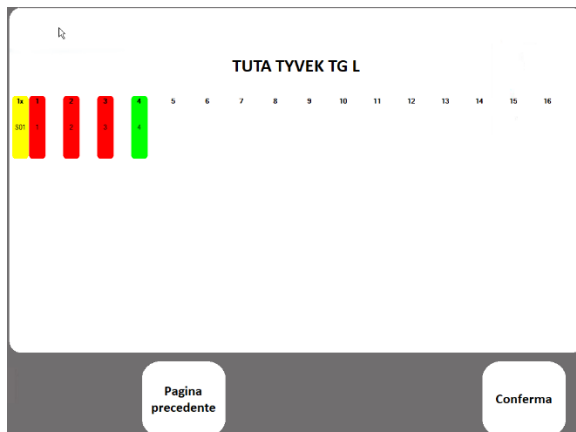
QT MAX RENTAL: quantity of cells assigned to that product

SELECTION: indicates the plate into which it must be loaded

NO THANKS: Exit without saving

REFILL EVERYTHING: Bring all products to a full load

To load a product, press on the corresponding number in the ASSIGNED QUANTITY column



Loading example TUTA TIVEK TG L

If the spaces are empty we will see all the green cells, to load it will be enough to press on the quantity of products we have to insert

YELLOW indicates the plate where we are going to load (Selection 1) and the quantity for each single location (1x)

RED indicates cell occupied by the product

GREEN indicates free/empty cell

The numbers at the top correspond to the locations of that specific selection S01 (16)

CONFIRM: press to confirm the load

Now we will see on our home page the status of the various products loaded.

After pressing CONFIRM, a warning will appear

Press YES to confirm storage of all entered data (product loads)



14.3 WITHDRAWAL

The withdrawal of products takes place through the LOGIN button, and the selection like that of a Tools warehouse, only changes the product dispensing screen



The screen indicates the type of product to be picked up, and the selection number (ex. 5), we should just open the door.

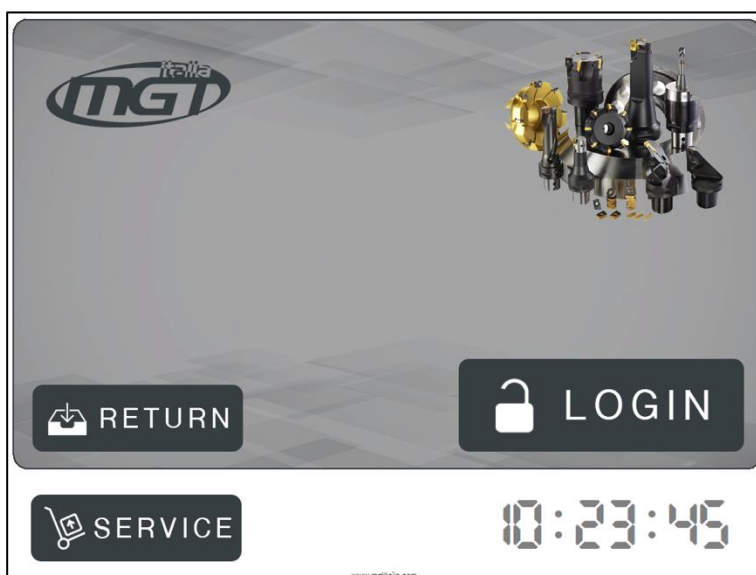
If we mistakenly get the wrong counter, it will be indicated on the screen as WRONG DOOR.

If we do not collect the product the collection will be cancelled

15. USER INTERFACE

15.1 OPERATOR INTERFACE

First page



LOGIN: access button for product withdrawal (all operators can access it)

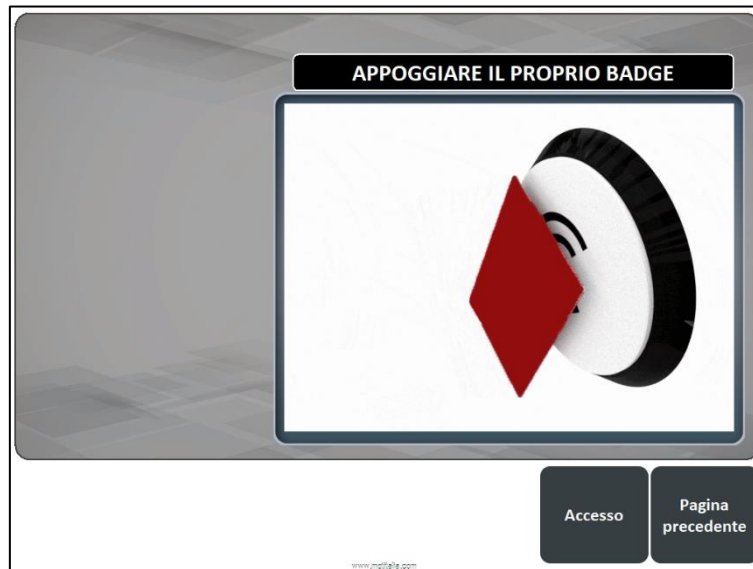
RETURN: return button for products considered RETURNABLE

SERVICE: access button to service activities (only people in charge of loading, maintenance workers, administrators can access)

15.2 ACCESS TO THE WAREHOUSE

It is possible to access in two ways:

- 1- **READING YOUR BADGE:** support if RFID; MYFARE; BARCODE or swipe if SWR. A **FINGERPRINT** fingerprint reader can also be mounted



- 2- **SCREEN KEYBOARD:** Enter your NAME and PIN by pressing the “ACCESS” button



Choice of Cost Center and Job ID

Scegliere il Centro di Costo

DPI LMG	M33-DOOSAN2	M40-FILO E	M52-BRIDGER2	79-DOOSAN.V74	M84-OKUMA T.3
M19-BRIDG 11	M35-FILO N-1	M41-FILO M	M53-BRIDG13	80-DOOSAN.V74	M85-OKUMA T.2
M20-BRIDG 12	M36-FILO O	M43-BRIDGER3	M56-FIDIA1	M81-YUSHINE 2	M89-SAMPL60
M23-FILO R	M37-FILO G-1	M44-BRIDGER4	M75-DOOSAN3	M82-YUSHINE 3	M90-TACCHI 2
M32-DOOSAN1	M38-FILO C	M51-BRIDGER1	M78-OKUMA T.5	M83-OKUMA T.4	M91-SCHIESS

SALTA Torna all'inizio

In this screen it is possible to select the cost center to which to associate the products we are going to collect and/or also associate a Job ID.

In the history we have the possibility to see the consumption and respective expenditure of the specific order or cost center (see section 5.2).

If it is already present, it is possible to add products to an existing order, simply select it in the table.

ADMINISTRATORS have the possibility to skip this choice by pressing the **SKIP** button.

In the same session it is possible to withdraw products for other cost centers without exiting and re-entering the program, press on the operator name that scrolls at the top of the screen and we will be directed to the cost centers screen.

TEST

FRESA

MASCHIO

PUNTE

INSERTI

MASCHI

LISTE RICERCA Torna all'inizio

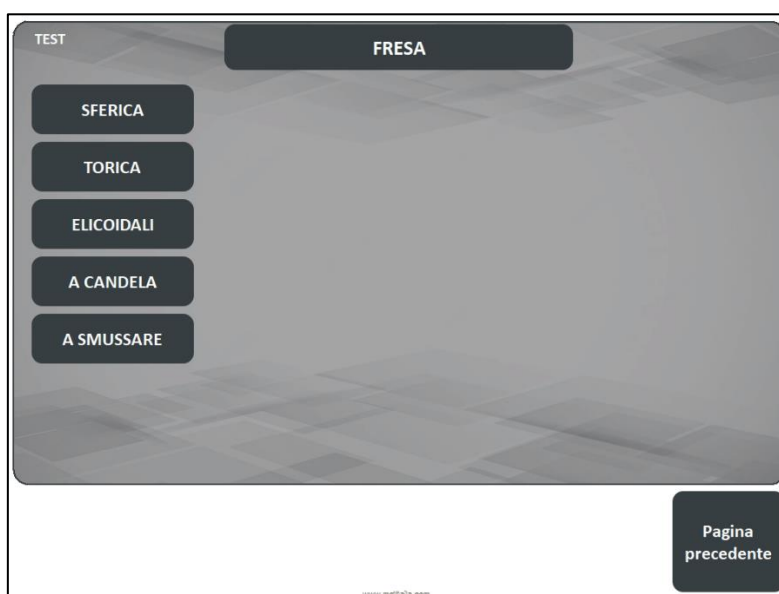
To withdraw / search for a certain product we can choose between different methods:

1- Choice of category and subcategory

In the categories screen, up to 18 categories per page will be displayed, if we have more, the "MORE" button will appear at the bottom right to access the next page.



Once the Category has been selected (ex. CUTTERS) its subcategories will appear, it is possible to see only the products belonging to the subcategory (ex. by selecting ROUNDS), or if we do not know it, by pressing directly on the title (grey CUTTERS button) we will display all the list of products belonging to that category.

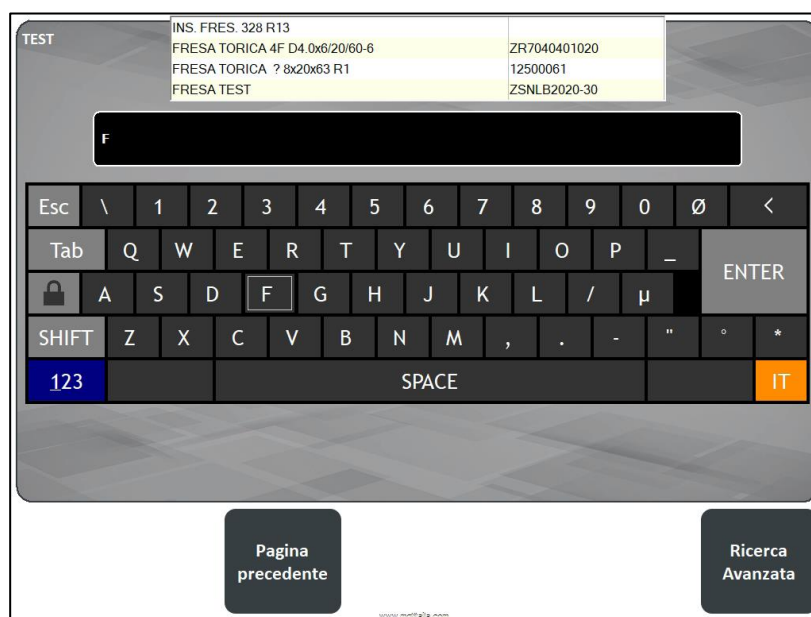


2- Simple search

In the categories screen, press the "SEARCH" button



A table will appear where we can write the item we are looking for (product code or title), the more letters / numbers we write, the more precise the search will be.
You can add/remove letters and symbols to the keyboard (section 7.1)
Once we have found our article, we select and press "ENTER", we will be directed directly to the product.



3- Advanced search (TAG)

On the search screen, press the "ADVANCED SEARCH" button

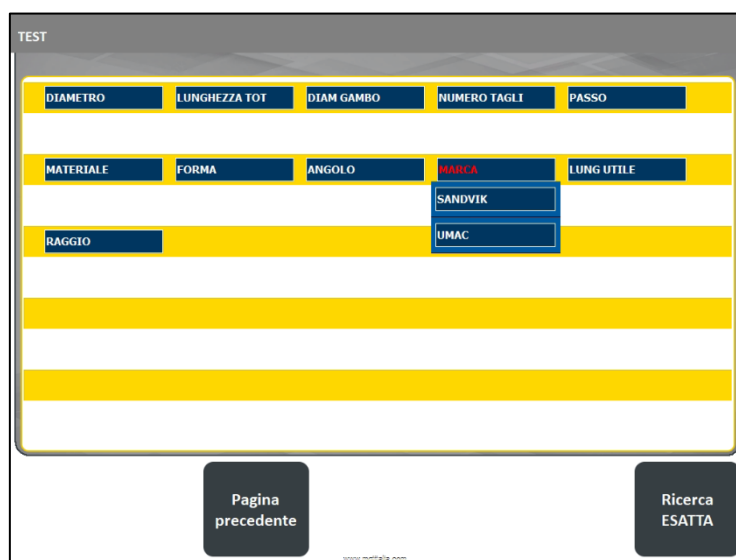


The screenshot shows a search interface with a keyboard overlay. The keyboard has a search bar at the top with the letter 'F' entered. Below the keyboard are two buttons: "Pagina precedente" and "Ricerca Avanzata". A large arrow points to the "Ricerca Avanzata" button.

A table will appear with all the available TAG categories (section 5.6), press on the title and select the TAG which will then help us find our product.

Once you have selected the corresponding TAG(s), press the "EXACT SEARCH" button, only the product corresponding to all the TAGs entered will be displayed.

This function is very useful for finding a product similar to ours or with the same characteristics.



The screenshot shows a search interface with a table of TAG categories. The table has columns: DIAMETRO, LUNGHEZZA TOT, DIAM GAMBO, NUMERO TAGLI, PASSO, MATERIALE, FORMA, ANGOLO, MARCA, LUNG UTILE, and RAGGIO. The MARCA column is highlighted in red. Below the table are two buttons: "Pagina precedente" and "Ricerca ESATTA". A large arrow points to the "Ricerca ESATTA" button.

4- Search with external reader

This function allows you to pick up the product very simply after having authenticated yourself, placing the barcode of the package to be picked up on the barcode reader mounted on the front panel.

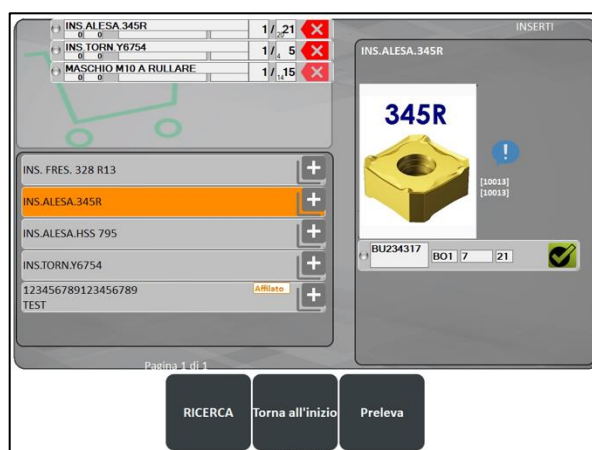
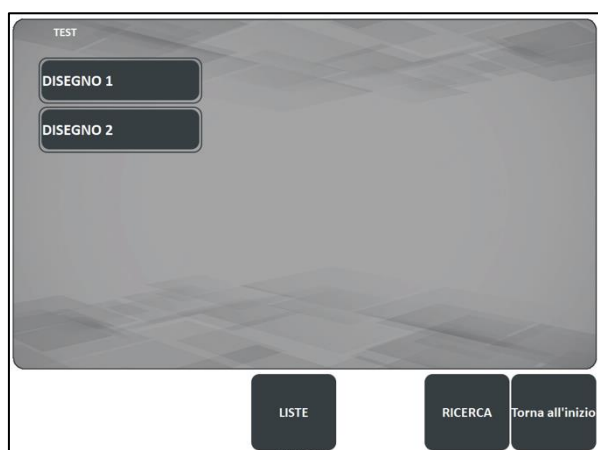
To use this function we must make sure that we have entered the package code in the appropriate ALTERNATIVE CODE field (section 10.2)

5- Search by product list

This function allows you to select products from a predefined list

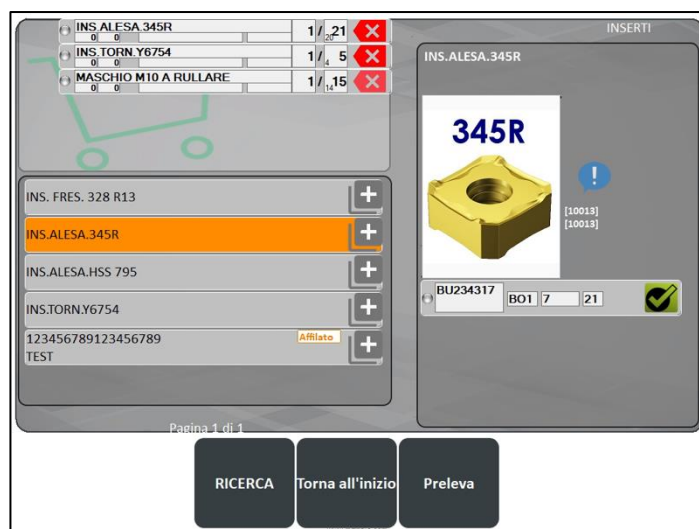


Press the "LISTS" button at the bottom, the lists / groups of products created previously (section 5.10) and the corresponding articles will be displayed (see below)



15.4 PRODUCTS AND WITHDRAWAL

Once the search is complete we will be directed to the product list



The screenshot shows a software interface for inventory management. On the left, there is a list of items with columns for item name, quantity, and a status icon. The items listed are: INS.ALESA.345R (1/21), INS.TORN.Y6754 (1/5), MASCHIO M10 A RULLARE (1/15), INS.FRES. 328 R13, INS.ALESA.HSS 795, INS.TORN.Y6754, and 123456789123456789 TEST. The item INS.ALESA.345R is highlighted in orange. On the right, there is a detailed view of the selected item, INS.ALESA.345R, showing a 3D model of the part, a warning icon, and a table with columns for item name, quantity, and status. The table shows: BU234317 (BOT 7, 21) with a green checkmark icon. At the bottom, there are three buttons: RICERCA, Torna all'inizio, and Preleva.

The following screen is composed as follows:

The table above called cart contains the products to be picked up,

Field description:



The screenshot shows a single item entry in the cart. It consists of a table with columns for item name, quantity, and status. The item name is INS.ALESA.345R, the quantity is 1/21, and the status is indicated by a red X icon.

TITLE of the article

CODE of the item

1 corresponds to the quantity we will withdraw

5 corresponds to the remaining quantity

6 corresponds to the available quantity

The table taken as an example contains the articles corresponding to our search.

TEXT ABOVE: corresponds to the BCD code

TEXT BELOW: corresponds to the product name

INS. FRES. 328 R13	+
INS.ALESA.345R	+
INS.ALESA.HSS 795	+
INS.TORN.Y6754	+


KEY + : adds the product to the cart, if pressed several times a keypad will appear with which we can select the quantity



Let's see the example described in the image:

TEXT ABOVE: product name

PHOTO: product image

KEY  : viewing enlarged images, pdf files, tags

MANUFACTURER: manufacturer of the product

BU252519: warehouse serial number where the product is present

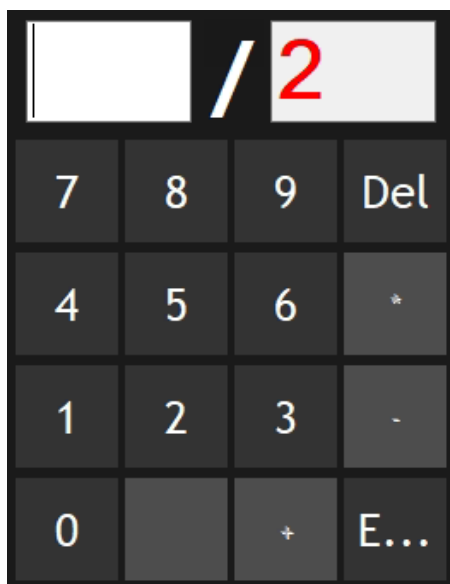
BO1: type of tray that contains it

6: physical position where the product is located (inside the machine)

2: quantity present on the single

traySIMBOL  : new product

SIMBOL  : add to cart



Numeric keypad for adding products to the cart.

The number 4 in red indicates the maximum quantity available, so to withdraw we should select a number equal to or less than 4.

It is possible to download multiple identical or different products at the same time. If we pick up just one product it will be downloaded from the SINGLE POINT, if we pick up more than ONE they will be downloaded directly into the RASTER area.

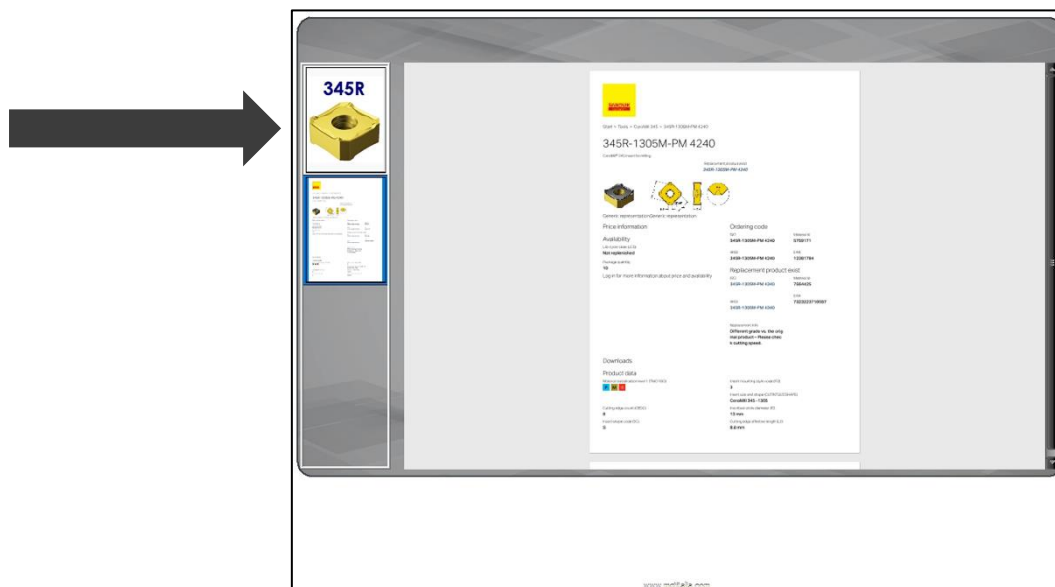


The screen below shows how the product details are displayed

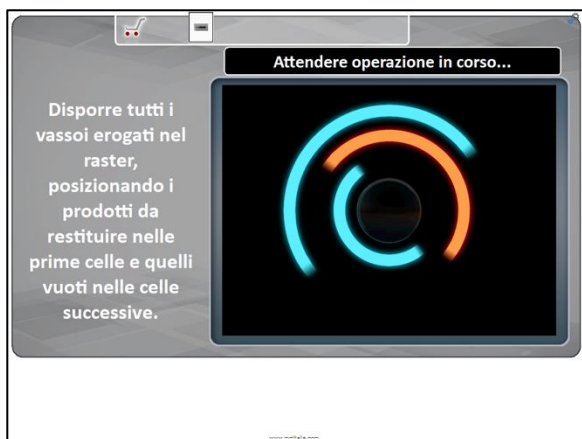


We will find the image of the product enlarged, while on the right a short description and the corresponding TAGS will be displayed.

By pressing the PDF icon on the left, the previously loaded PDF file will appear on the screen and we can scroll through it directly from the machine's touchscreen.



After pressing the withdraw button, the two withdrawal screens will appear



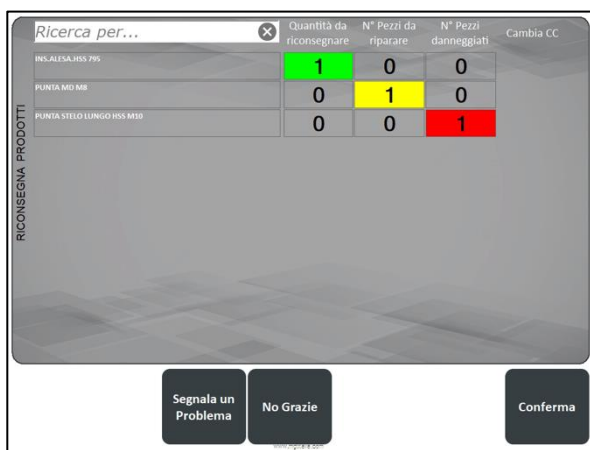
The distributor is in the process of moving, researching and delivering the requested product

Above we see our cart with the products being dispensed.



The distributor dispenses the product from the single point.

When the product has been removed, the single point door will close and the raster door will open for the return of the empty tray or one containing the residue.



When the RASTER door is opened, the software displays the list of downloaded products, indicating the quantity requested (1) and the quantity to be returned (8).

Under the product title we can see the associated cost center and the type of tray, so that we can return the tray to the raster in the correct position.

If during the withdrawal we notice that the quantity on the tray is lower than that shown on the screen, we press the "REPORT A PROBLEM" button, an email will be sent to the address entered in the registration form (section 8.1)

If you **take more products** they will be downloaded from **RASTER**

Positioning of products in the Raster



On the right you can see an example of RASTER configuration

The products must be loaded in order of width (70 or 125 mm), length (200 or 310 mm) and always from top to bottom as indicated on the left

BO2 : product type

↓: start with the load from the indicated point downwards

SHORT / LONG: length of the product



If we realize that we have the wrong type of product or that the quantity requested is incorrect, we can change it by pressing the number "1" REQUESTED QUANTITY



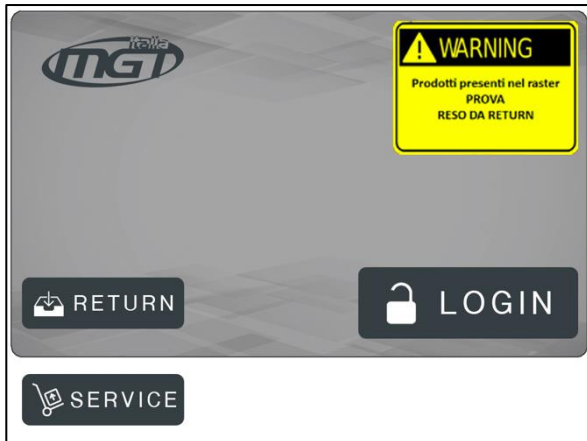
The quantity modification procedure is traced, as written on the warning message, if we want to proceed we press YES otherwise NO



By typing YES the keypad will appear indicating in red the maximum quantity available on the tray and **will ask us to type the new quantity requested.**

Now the products are reserved in the raster for the TRY user, to collect them just press the LOGIN button and swipe your badge, then proceed as if unloading the individual product.

VERY IMPORTANT if the raster is occupied by an operator and another wants to withdraw, the machine gives the possibility of withdrawing but not returning the trays because the raster is "blocked" by the previous operator, so we should put the trays aside and reload them in a second moment.



If the product being returned is not loaded (no code reading, difficulty in positioning it), and remains in the raster we will see the table on the screen indicating PRODUCTS PRESENT IN THE RASTER, for the user TRY in the RETURN FROM LOGIN operation, then press the button again LOGIN, check the quality of the code or whether it is free from obstacles and try reloading

If we try to withdraw a product that has been sold out on that distributor, a screen will be displayed with the name of the distributor where the product will be present and the quantity available.

See following example:

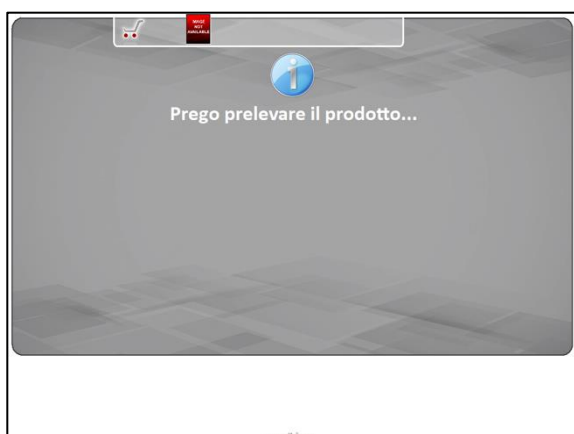


Product not picked up

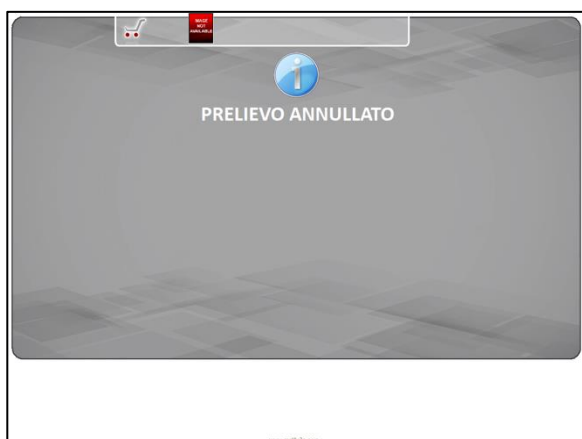
If we pick up a product from a single point and do not collect it, the distributor will notify us as follows:



The distributor indicates to pick up the product from a single point

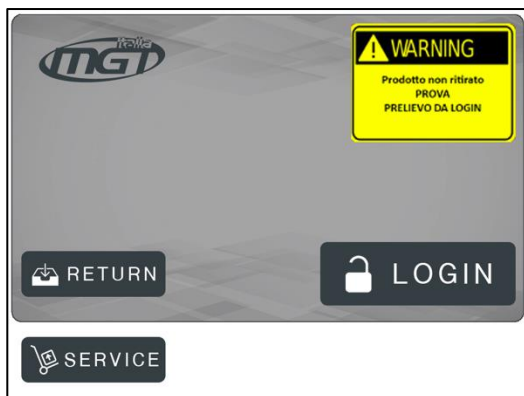


If we do not collect the product, we will receive the same message 4 times to tell us to collect



If after 4 times we do not withdraw the withdrawal will be cancelled, collect the tray leaving it on the single point and it will close the door for safety reasons

After canceling the withdrawal, a warning email will be sent to the system administrator and on the screen we will see that a product has not been collected (see below)



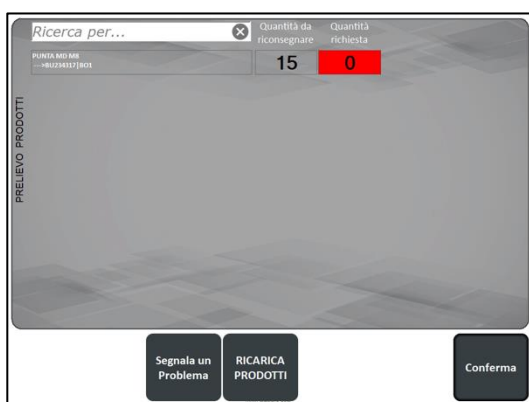
In the yellow table we see that there is a **PRODUCT NOT COLLECTED** in the machine, by the **TEST** operator, while he was carrying out the **WITHDRAWAL FROM LOGIN**



To unlock the machine we should log in with the **TEST** badge from **LOGIN** and wait for the product to be delivered to us. Once dispensed we should log in again using the **LOGIN** button and return the tray



Alert with action to be performed



To return the tray, press the **RELOAD PRODUCTS** button, the **RASTER** door will open and we can load our products

Picking with unloading list:

A further type of withdrawal can be done with the unloading list.

A download list is created from the internal PC for a specific person, then by going to the machine with that badge and carrying out the recognition, the machine will automatically download the booked products (section 11.3)

15.5 RETURN



To return a RETURNABLE product, press the button

and place your badge, if our products are consumable or we don't have any, the software will exit automatically, otherwise it will suggest the products to return.

Scegliere il Centro di Costo *Id commessa*

DPI LMG	M33-DOOSAN2	M40-FILO E	M52-BRIDGER2	M9-DOOSAN V74	M84-OKUMA T.3
M19-BRIDG 11	M35-FILO N-1	M41-FILO M	M53-BRIDG13	M8-DOOSAN V74	M85-OKUMA T.2
M20-BRIDG 12	M36-FILO O	M43-BRIDGER3	M56-FIDIA1	M81-YUSHINE 2	M89-SAMPL60
M23-FILO R	M37-FILO G-1	M44-BRIDGER4	M75-DOOSAN3	M82-YUSHINE 3	M90-TACCHI 2
M32-DOOSAN1	M38-FILO C	M51-BRIDGER1	M78-OKUMA T.5	M83-OKUMA T.4	M91-SCHIESS

In the first phase you will be asked for which cost center or job ID we want to return the product

Ricerca per...

	Quantità da riconsegnare	N° Pezzi da riparare	N° Pezzi danneggiati	Cambia CC
INS-ALESAR55 795	1	0	0	
PUNTA MD M8	0	1	0	
PUNTA STELO LUNGO H55 M10	0	0	1	

RICONSEGNA PRODOTTI

Segnala un Problema No Grazie Conferma

In the second phase it will tell us the product we are carrying and the quantity. Here we will have 3 possibilities:

QT TO BE RETURNED: press on the number 1, it will become green and the product will be returned

N TO BE REPAIRED: (to be resharpened) press on the number 0, the 0 will be replaced by 1, it will become yellow and will not give any tray. Place the product in an external container

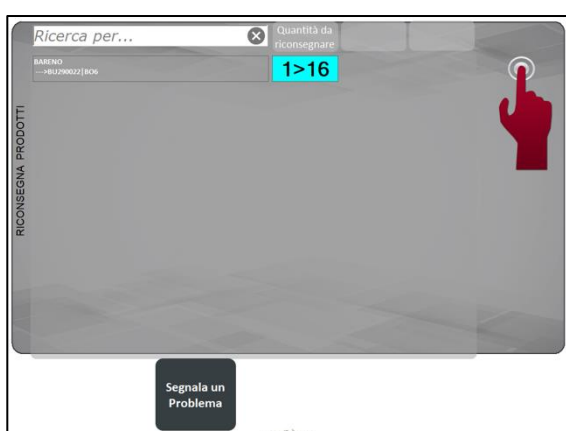
N DAMAGED: (broken) press on the number 0, the 0 will be replaced by 1, it will turn red and will not give any tray. Place the product in an external container

Every operation we decide to do, QT TO RETURN; N° OF PARTS TO REPAIR; N° OF DAMAGED PARTS, is traced in the history (section 5.2),

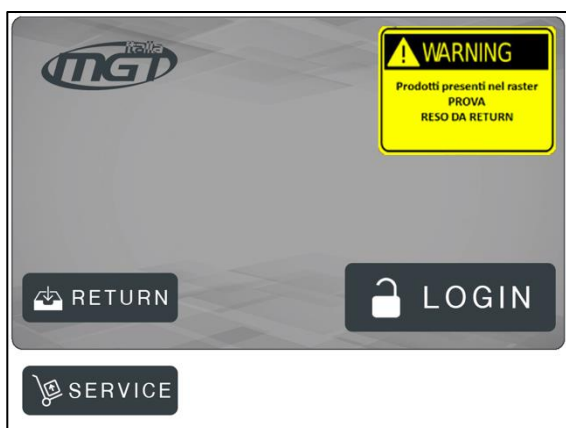
If we return the product we will find the writing RETURN ON RETURN in the MOVEMENT TYPE field

If we indicate them in PIECES TO REPAIR we will find the red writing in the MOVEMENT TYPE field **CHANGE OF LOCATION** and in the TRANSACTION field written DEFEKT

If we indicate them in DAMAGED PIECES we will find the red writing in the MOVEMENT TYPE field **CHANGE OF LOCATION** and in the TRANSACTION field written BROKEN



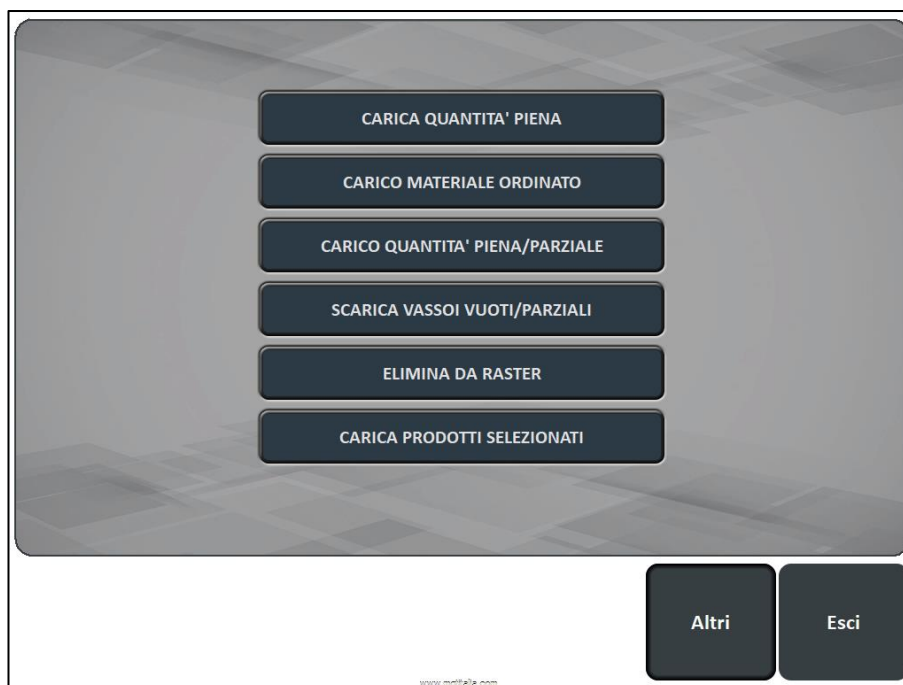
If we request the tray to return the product, a new screen will appear where in blue we will see 1 of 2, that is, we must return 1 product in a tray already containing 1 product, so in total we should have 2 pieces



If the returned product is not loaded (no code reading, different code reading) and remains in the raster we will see the table on the screen indicating PRODUCTS PRESENT IN THE RASTER, then press the RETURN button again, check the quality of the code and reload

Authorized users (LOAD, MAINTENANCE, ADMINISTRATION see section 9.2) can access the service menu by the “SERVICE” button. If the operator enabled only for WITHDRAWAL and RETURN tries to access he will not be allowed.

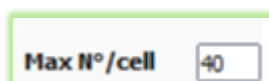
First screen of the service menu



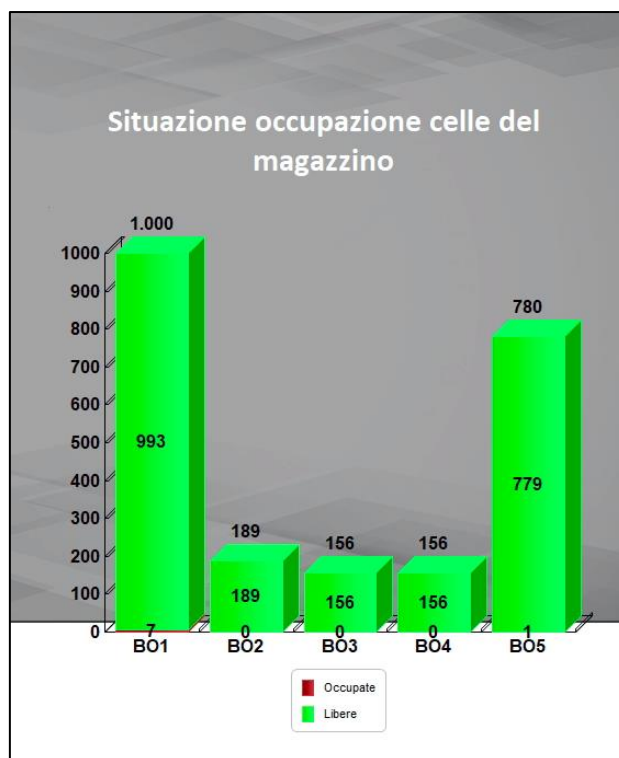
Load full quantity

Function to be used exclusively with fully loaded trays, if on the tray we have the quantity

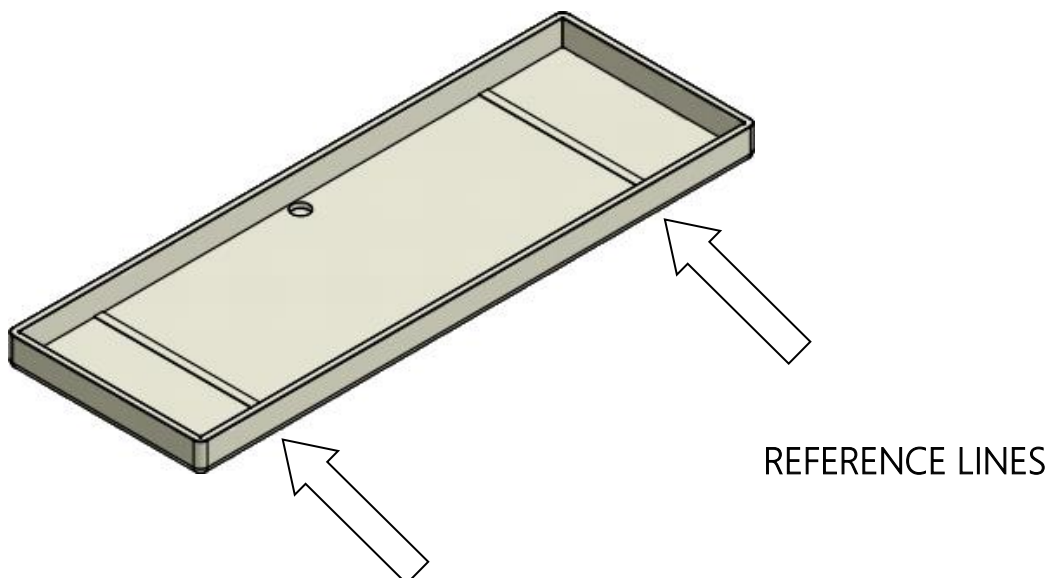
indicated in the product registry

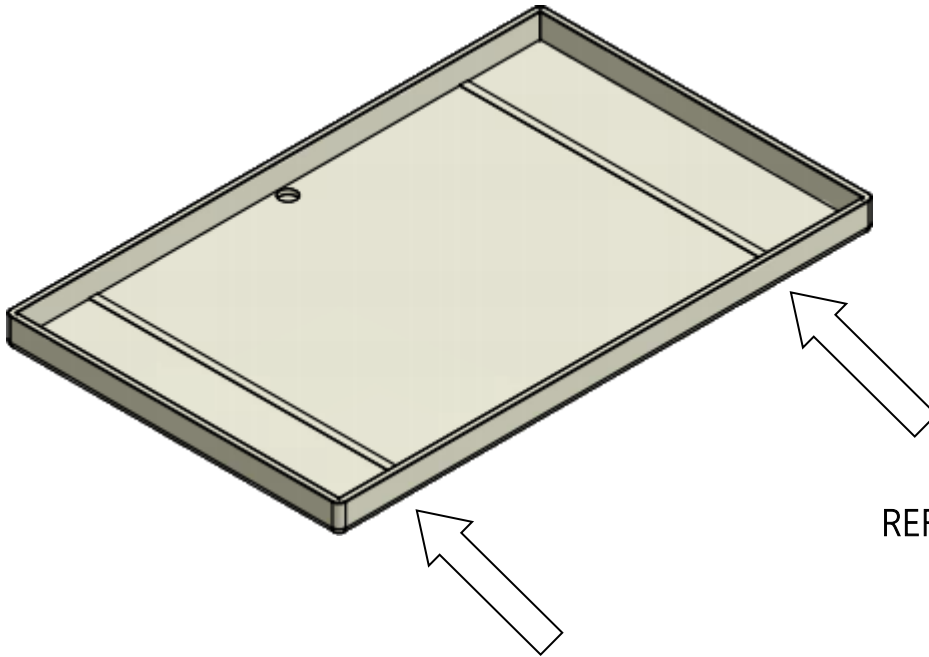


By pressing this button the software will show the total quantity of the various types of products, indicating the available space in green and the occupied cells in red



CORRECT LOADING OF PRODUCTS





REFERENCE LINES

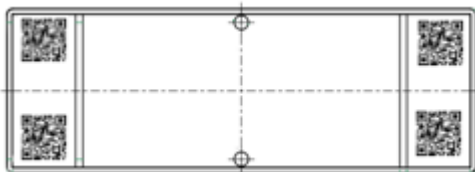
For the correct functioning of the vending machine it is obligatory to logistically position the products centrally respecting the center of gravity weight, using reference lines.

To simplify operations, specific reference lines have been created (see photo above)

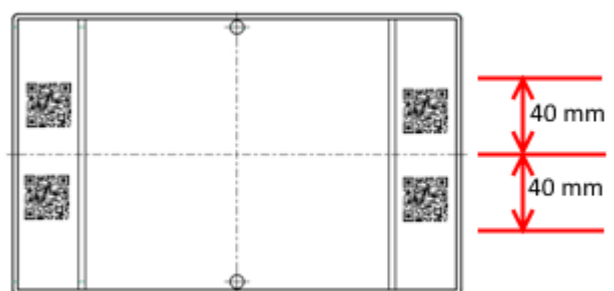
CORRECT BARCODE POSITIONING

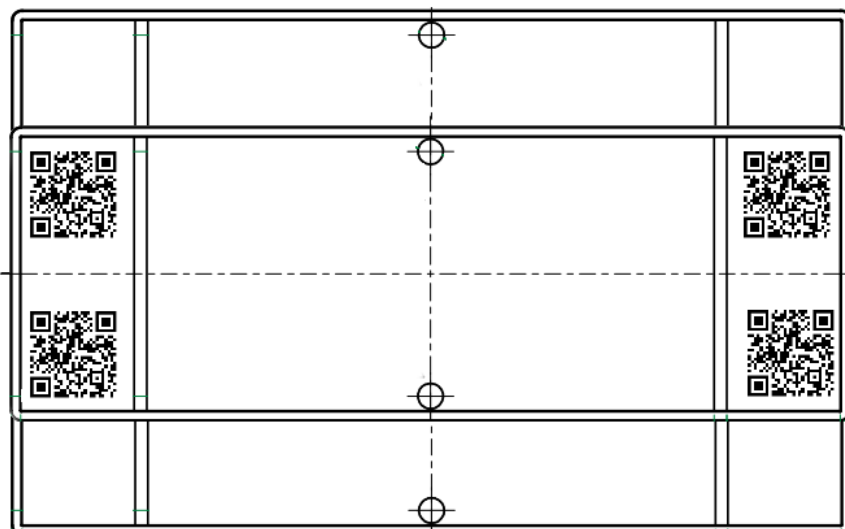
For correct reading of the barcode we recommend positioning the code as in the image below.

Small tray 70 mm



Large tray 125 mm





By superimposing the 2 trays we can understand the exact position of the barcode

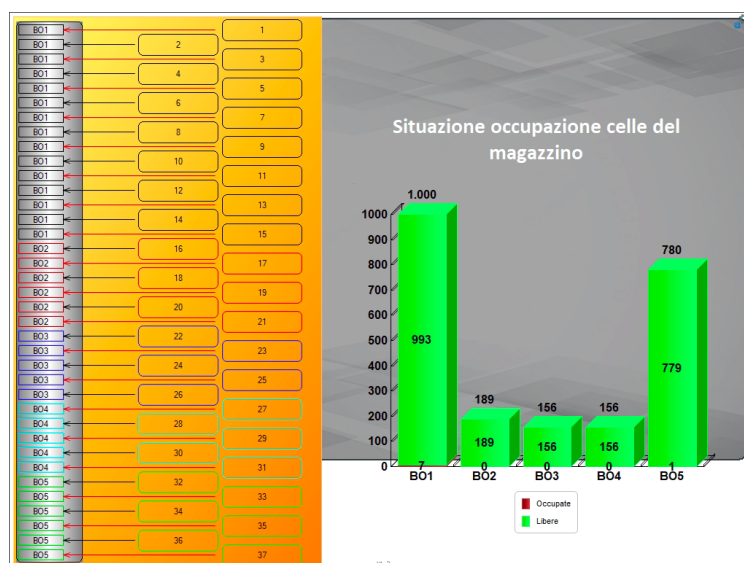
The barcode can be placed on the small tray (70 mm) at any corner, while on the large tray it must be placed in the center or within 40 mm on either side of the center



Upload ordered material

This function allows you to replenish the ordered material.


First we must select the UNLOAD EMPTY TRAYS item from the SERVICE menu and a table will appear (see below) with only the products ordered.

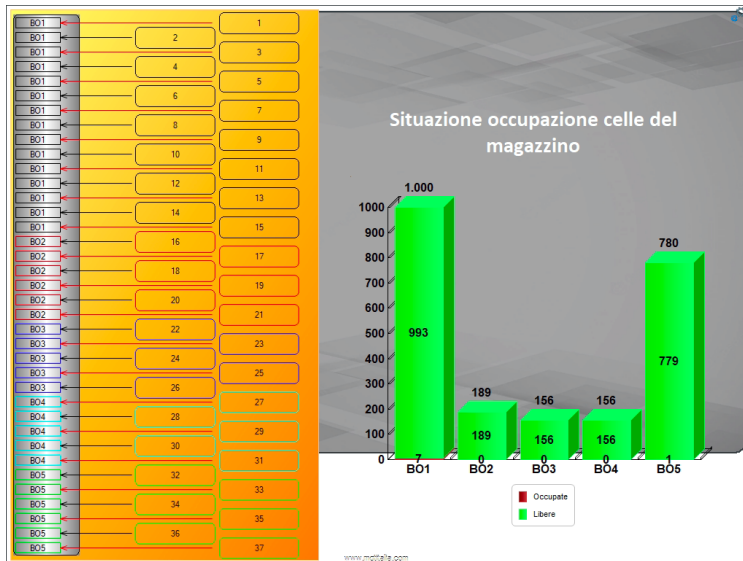


Load full or partial quantity


This feature can be used to load multiple products with different quantities, partial or empty trays


Max N°/cell

(amount less or more than the quantity indicated in ) , indicating the number of products and the cell where we will load them



On the right we can see the graph with the warehouse availability, while on the left the various positions of the raster appear (position number and type of BO), by pressing on the position where we intend to load the product a keypad will appear to indicate the quantity. If the quantity is less

than  we won't have any problems, if the quantity is higher for example we

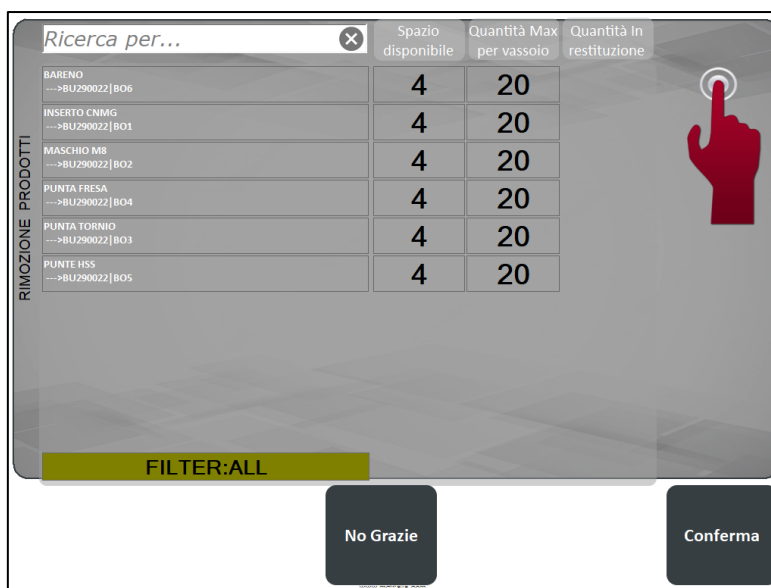
load 50 and the quantity of the tray  the maximum quantity will be automatically increased to 50 pieces (this is because the packaging may have changed so the tray can contain more items)

NB: the quantity of trays loaded previously does not change. It is only changed from that moment on

Unload empty or partial trays

When the ordered material arrives we must proceed with loading it into our warehouse in the following way. Proceed to unload the EMPTY OR PARTIAL TRAYS from the warehouse, or provide new trays externally.

Pressing the UNLOAD EMPTY TRAYS button will open the screen below



Ricerca per...		Spazio disponibile	Quantità Max per vassoio	Quantità In restituzione
RIMOZIONE PRODOTTI	BARENO --->BUZ90022 BO6	4	20	
	INSERTO CNIMG --->BUZ90022 BO1	4	20	
	MASCHIO M8 --->BUZ90022 BO2	4	20	
	PUNTA FRESA --->BUZ90022 BO4	4	20	
	PUNTA TORNIO --->BUZ90022 BO3	4	20	
	PUNTE HSS --->BUZ90022 BO5	4	20	

FILTER:ALL

No Grazie Conferma

In the table we can see the products that need to be replenished.

AVAILABLE SPACE: maximum quantity that we can load in the internal trays

MAX QT FOR TRAY: maximum quantity that the tray can contain (in the example above we can load 37 pieces out of a total of 40 because the tray already contains 3 pieces)

QT IN RETURN: quantity of returnable products that are in the care of another operator

Unloading can be done in three ways:

- 1- We select the products (even more than one in the same session) to download by pressing on the number in the AVAILABLE SPACE column, and then on the CONFIRM button, at this point the trays will be automatically downloaded into the RASTER
- 2- By pressing SEARCH FOR... the keyboard will appear to write the code of the product to download, press on the number in the AVAILABLE SPACE column, and then on the CONFIRM button, at this point it will begin to download the products into the RASTER automatically
- 3- It is possible to download the trays from BOOK TRAYS FOR DISPENSING (section 5.5) from the PC desk, so we will only find the requested trays in the list, indicate only the quantity to load

Delete from Raster

This function is used to delete products deleted from the counter PC and still present in the machine (section 10.5)

Carica prodotti selezionati

An empty table like the one below will appear in which we will select the material to reload via the external Barcode reader or via the keypad that appears after selecting SEARCH BY...



After selecting one or more items, press the CONFIRM button and the usual numeric keypad will appear to define the quantity to top up. Subsequently the software will notify us that trays will be placed in the Raster.

To conclude the operation we must select the LOAD SELECTED PRODUCTS button from the SERVICE menu and by confirming to maintain the list the Raster will open and we can proceed with loading the material.

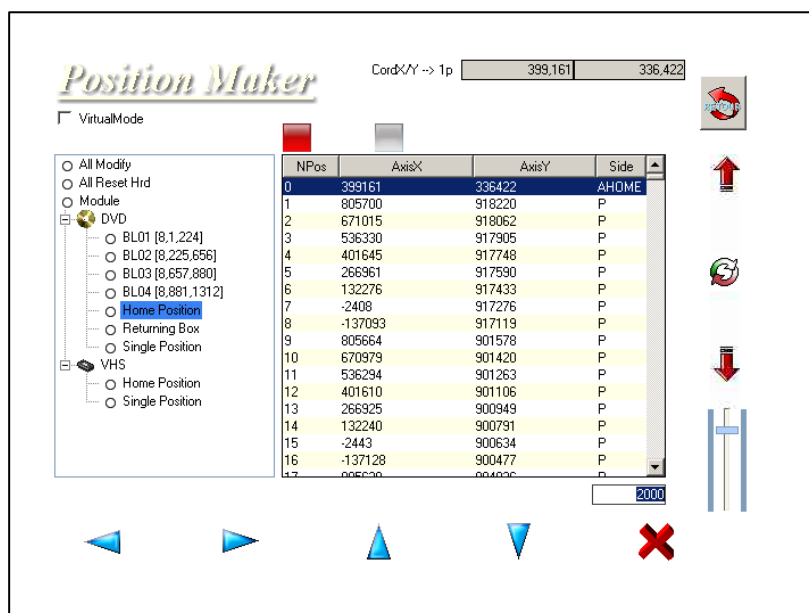
If we do not confirm the list we return to the initial table.

SECOND SCREEN



Cell Calibration

The cell calibration program is started, usually the check is done when the warehouse is fully loaded, because with the weight there could be some hardware settling



SOFTWARE FUNCTIONS

Virtual mode

If the flag is checked the software allows you to check the operation and integrity of the operating files

All Reset Hrd: Machine initialization

Module: List of various blocks for products.

BLxx [x,x,x]: Block for three-point adjustment

Home Position: Carpet share (zero)

Returning Box: Rtbx share
Single Position: Single positionadjustment

Position Maker

CoordX/Y -> 1p 399,161 336,422

☐ VirtualMode

- ☐ All Modify
- ☐ All Reset Hrd
- ☐ Module
- ☒ DVD
 - ☐ BL01 [8,1,224]
 - ☐ BL02 [8,225,656]
 - ☐ BL03 [8,657,880]
 - ☐ BL04 [8,881,1312]
 - ☒ Home Position
 - ☐ Returning Box
 - ☐ Single Position
- ☐ VHS
 - ☐ Home Position
 - ☐ Single Position

NPos	AxisX	AxisY	Side
0	399161	336422	AHOME
1	805700	918220	P
2	671015	918062	P
3	536330	917905	P
4	401645	917748	P
5	266961	917590	P
6	132276	917433	P
7	-2408	917276	P
8	-137093	917119	P
9	805664	901578	P
10	670979	901420	P
11	536294	901263	P
12	401610	901106	P
13	266925	900949	P
14	132240	900791	P
15	-2443	900634	P
16	-137128	900477	P
17	805620	894990	P

Navigation icons: left arrow, right arrow, up arrow, down arrow, and a red X.

Distributor positioning indicators during three-point adjustment

Table containing all positions of the active file (Posizion.dat, posizcd.dat, posizbo1.dat...)

Commands for moving the cart during adjustment
(F6 - F7 - F8 - F9 - ESC)

Commands for moving the carriage during adjustment
(F1 - F2 - F5 - F3 - F4)

SOFTWARE COMMANDS



Pick up and deposit the product during calibration

F1



Scrolls up the list of positions

F2



confirms

F5



Scrolls down the list of positions

F3



Adjusts the moving speed of the carriage during calibration

F4



Moves the carriage to the left in calibration

F6



Moves the carriage to the right in calibration

F7



Moves the carriage UP in calibration

F8



Moves the carriage DOWN in calibration

F9



Exits the program

ESC

PROCEDURE FOR USE

It is important that before proceeding with any share adjustment procedure, the distributor is initialized; select the All Reset Hrd item and press F5 to confirm.

Three-point lock adjustment

This type of procedure allows the user to adjust the dimensions of a block of positions by adjusting the three key points of the block itself (top left, top right and bottom right).

Three-point adjustment procedure steps:

1. Launch the adjustment software as indicated above (see 1.1)
2. Select the desired block in the software left list (e.g. BL01 [8,1,224]) (see 2.1)
3. Press the F5 confirmation key
4. The cart will be positioned in cell "1" (top left)
5. Proceed with the cell adjustment using the texts (F6 – F7 – F8 – F9 to move the trolley and F1 to pick up and place the product) (see 2.2)
6. Confirm by selecting the F5 key
7. The cart thus moves to the opposite cell, in our case 8 (top right). To adjust, proceed in this cell as in the previous one. Confirm with F5
8. The cart will now move to the last cell of the block (224, bottom right). Adjust and confirm

For each block the steps are the same.

Single position adjustment

Procedure for adjusting the individual positions of the dispenser (Single Position) and for adjusting the Home Position (zero position, trolley in front of the product entry/exit belt) and the Returning Box.

1. Select the item in the left table of the Software: Single Position, Home Position or Returning Box (in the case of the first choice it is necessary to also select the number of the cell to be modified, moving through the list with the F2 F3 keys (see 2.2)
2. Press F5 to move in front of the selected cell
3. Proceed with the cell adjustment using the texts (F6 – F7 – F8 – F9 to move the cart and F1 to pick up and place the product) (see 2.2)
4. Confirm by pressing F5

Restoration of faulty cells

This function is used to restore cells declared defective (section 5.11). By defective cells we mean those positions where the gripper is not able to load or unload (product too heavy, problem with gripper hands, slippery trays) or while making a withdrawal/return a problem arose which did not bring the task to a successful conclusion operation. By launching this procedure the warehouse will automatically go to the offending positions and try to restore them.

Recovery phases:

The clamp is positioned in front of the cell in question

Try to take the product, if there is no tray the cell is reset

If it finds the tray it takes it, reads the code, if it matches it in that cell it repositions it, otherwise it downloads it from RASTER to be checked, reloaded and the cell is restored

Then if there are other cells it performs the same procedure

Reboot system

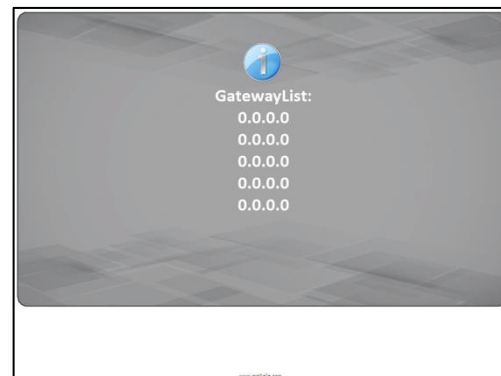
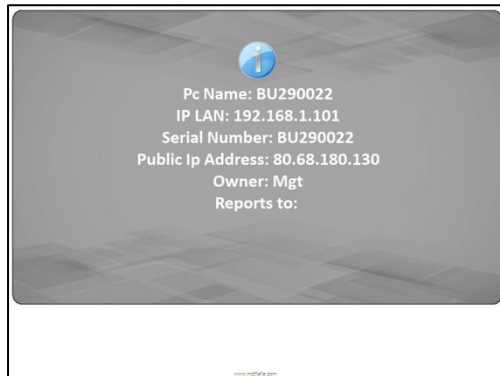
Complete restart of the PC

Manual loading of products

Function used for loading DRS warehouses not for TOOLS (section 13.2)

Network Info

In this section we will find all the information regarding the network connection



System shutdown

Complete PC shutdown. To restart the system, press the PC button inside the front panel.

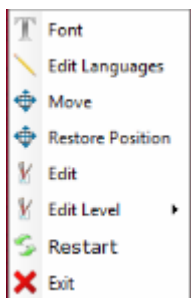
If we want to completely shut down the system after SYSTEM SHUTDOWN, open the left side door and press the UPS button at the top left.

To restart, simply press the UPS button, the system is already configured to start automatically when the power returns

15.7 EDIT SKIN

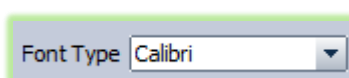
This function allows you to modify the entire interface visible to the operator

Press the right mouse button where you want to change and select the desired option



Font

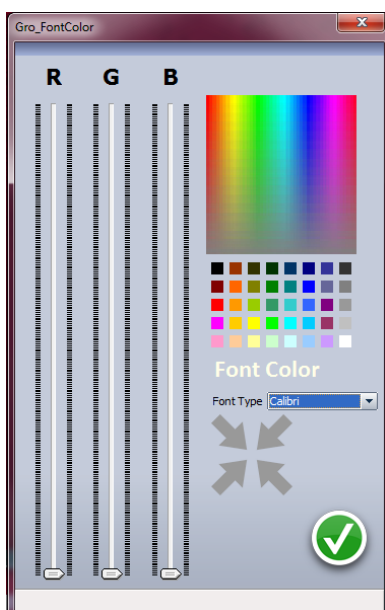
Here you can select the font type
photo below)



and the color

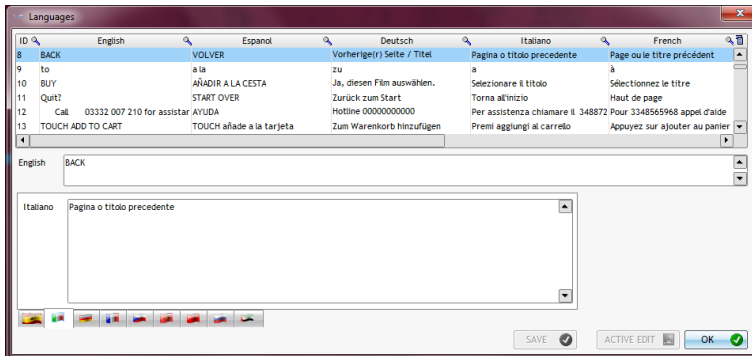


(see



Edit languages

Position the mouse on the upper edge of the writing to be modified, select it and when the table shown below appears, modify the appropriate writing.



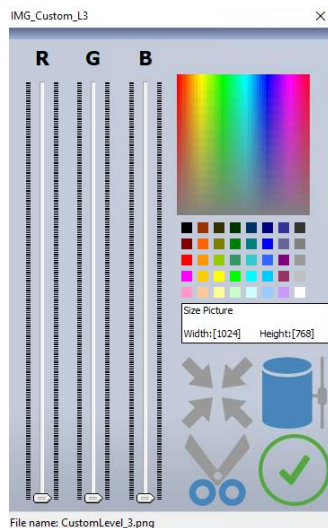
Move

Move icon or button to another location

Restore position

Return icon or button to standard position

Edit



Description Fields:

IMG_Custom_L3: level in which we are working

Size Picture	
Width:[1024]	Height:[768]

Image measurements



Restore the original situation



Search for the folder where the images are located



Remove the image

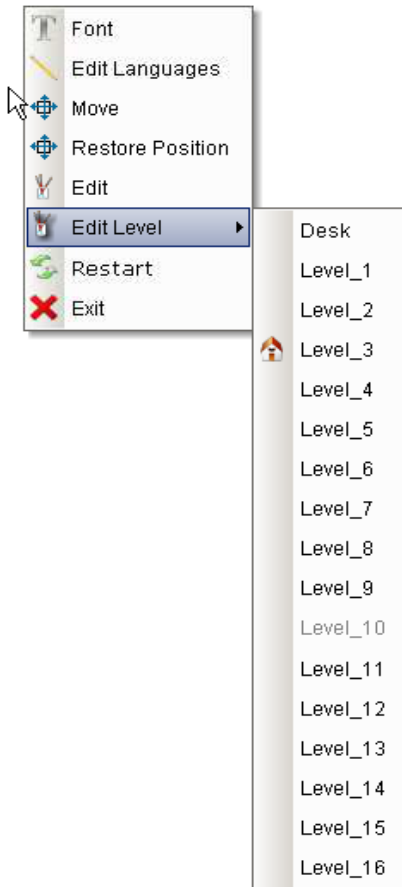


Save the operation

FILE NAME: CustomLevel_3.png : name of the file in question

Edit level

Edit the level to be modified, the model where we are currently working is the one with the icon



The software is developed in layers, the DESK LEVEL is the main background common to all the others. Each layer overlays the desk layer completely or partially using PNG image files that support transparency.

Each button provides two image files for the two states up and down, when you press edit on the button the system will automatically propose the modification of the two levels "IMG_Butt_Quad" and "IMG_Butt_Quad_Border_"

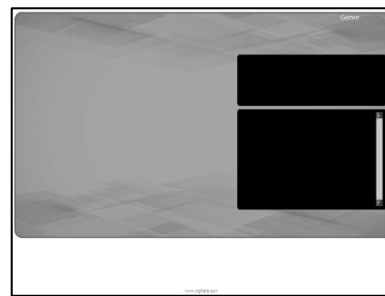
VARIOUS LEVELS



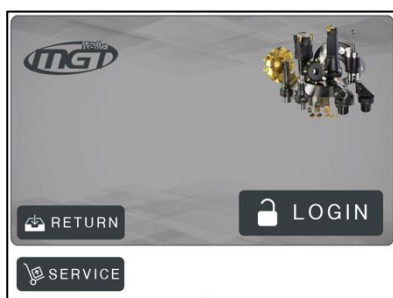
DESK



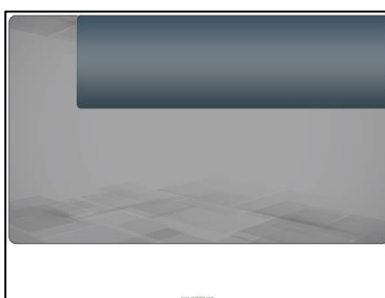
LEVEL 1



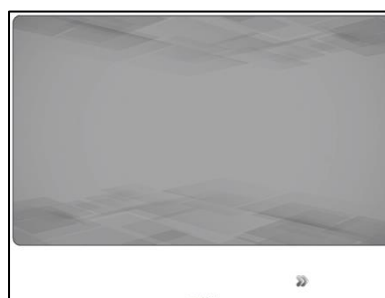
LEVEL 2



LEVEL 3



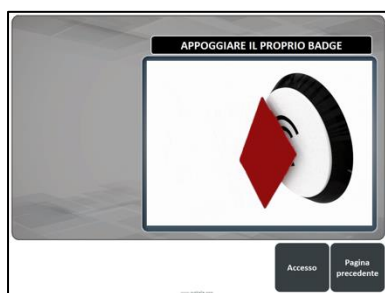
LEVEL 4



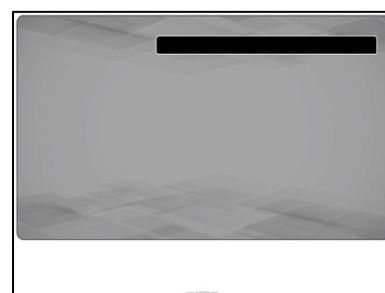
LEVEL 6



LEVEL 7



LEVEL 8



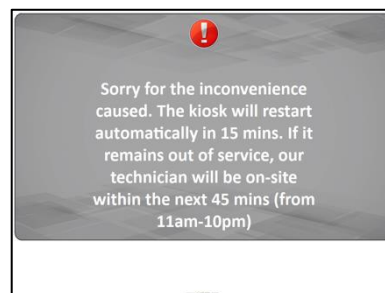
LEVEL 9



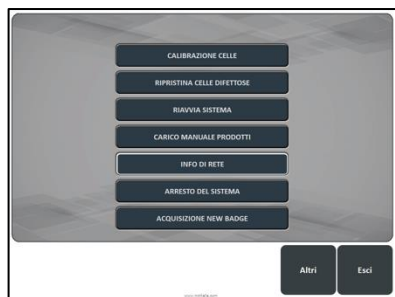
LEVEL 11



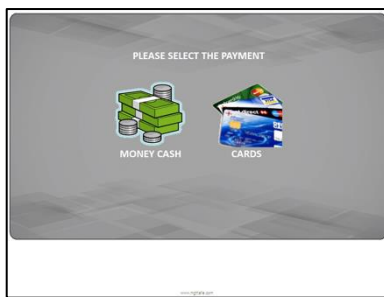
LEVEL 12



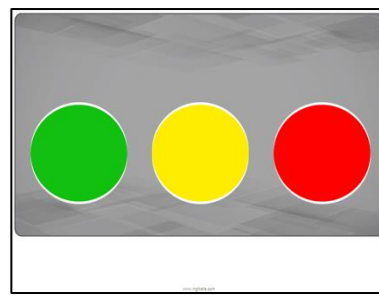
LEVEL 13



LEVEL 14



LEVEL 15



LEVEL 16



LEVEL 17



LEVEL 18

LEVEL	DESCRIZIONE	DVD RENT	PHARMA	BOOK	TOOLS	SELL
DESK	background	X	X	X	X	X
1	Product list	X	X	X	X	X
2	Product details	X	X	X	X	X
3	Login button	X	X	X	X	X
4	Exit	X	X	X	X	X
5	List of genres	X	X	X	X	X
6	Messages	X	X	X	X	X
7	List of selections	X	X	X	X	X
8	Payment systems	X	X	X	X	X
9	Restrictions info	X				X
10	RESERVED					
11	Keyboard	X	X	X	X	X
12	Service keyboard	X	X	X	X	X
13	Out of service	X	X	X	X	X
14	Service menu	X	X	X	X	X
15	Type of payment		X			X
16	Retail button					X
17	Return				X	
18	Finger print	x	x	x	x	x

Restart

Restart the Imovies24 software

Exit

Exit the Imovies24 software

16. FUORI SERVIZIO

In the event of **OUT OF SERVICE**, the warehouse will be able to perform a self-diagnosis and guide us through the possible resolution of the problem.



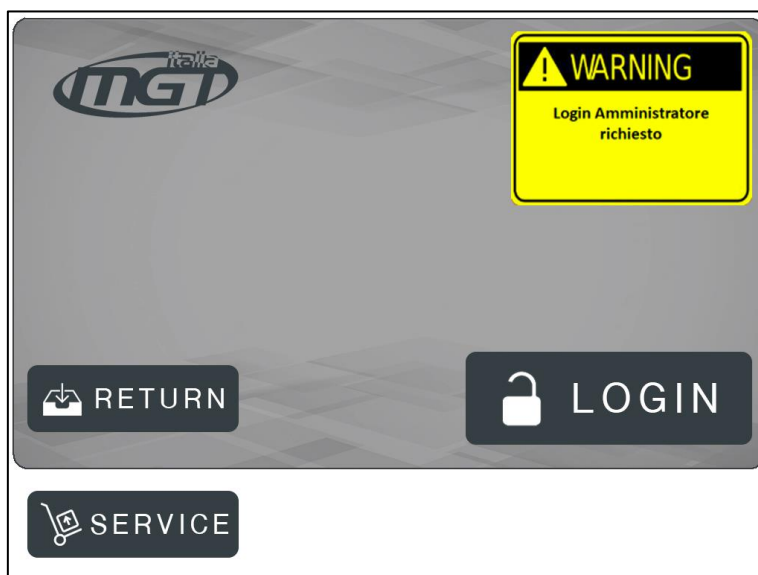
If the self-reset is not successful, the **OUT OF SERVICE** image is shown. At this point we should press in the top left corner and the service program will appear where we can **RESTART THE SYSTEM**.

Once restarted, if still **OUT OF SERVICE**, it will indicate in the yellow table on the right whether we need to access with the **ADMINISTRATOR** or **MAINTENANCE** badge depending on the problem.

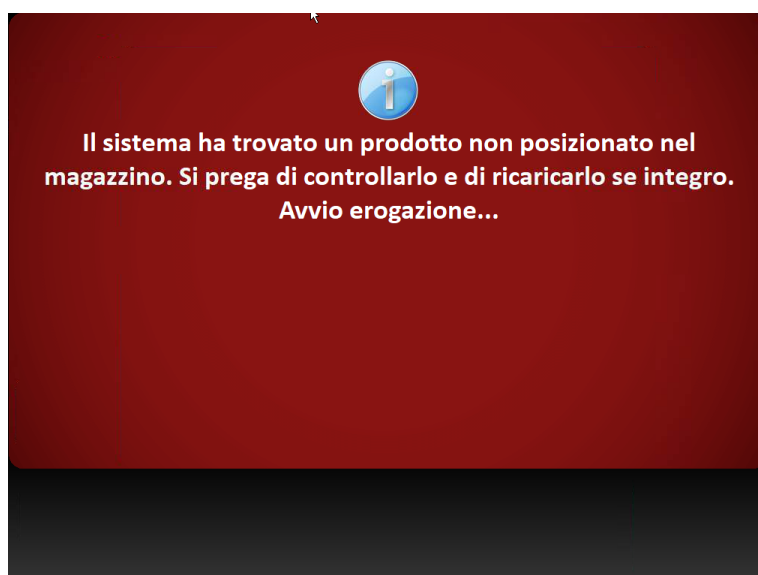


Out of Administrative Service

If the system goes out of order when moving a tray, it will reset and the message ADMINISTRATOR LOGIN REQUIRED will appear.



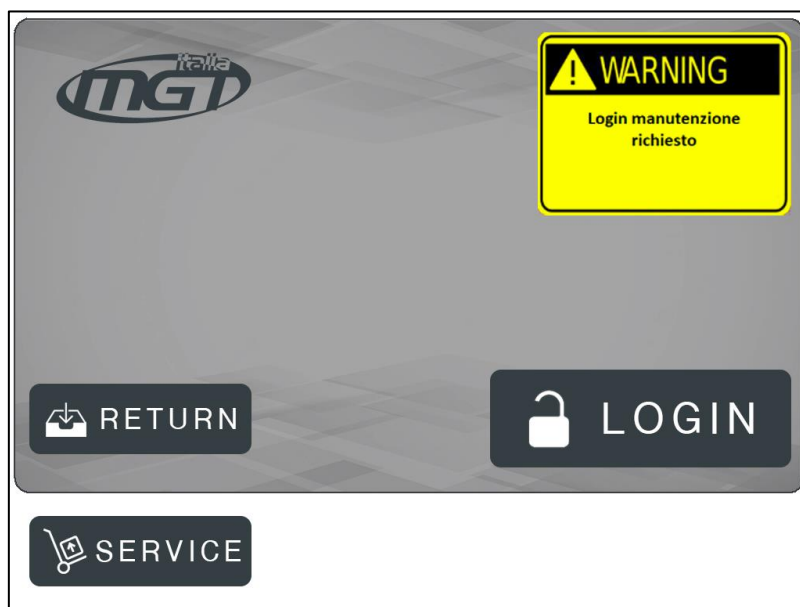
Simply LOGIN and authenticate, further information on the problem will then be displayed



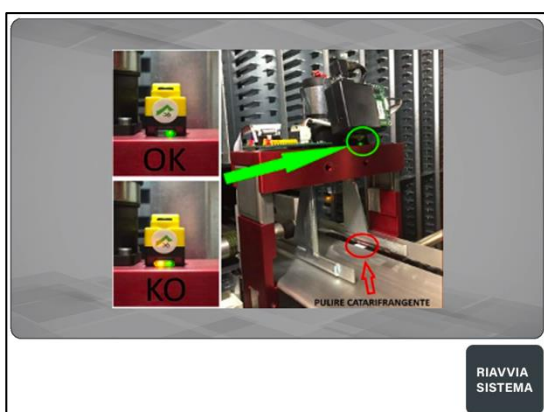
At this point the single point door will open, the product will be dispensed and it must be refilled with SERVICE / LOAD FULL OR PARTIAL QUANTITY

Maintenance worker out of service

The Out of Service that requires the MAINTENANCE LOGIN is always due to a sensor or maintenance error, and in the self-diagnosis it will be indicated with a photo and relative solution



Out of order maintenance workers are of 3 types, below we see them in order of importance:



This error is also the most common. The sensor called GRIPPER SENSOR checks the presence of products on the tray, it is obvious that if it is not cleaned well because dirt or the presence of dust will compromise proper functioning. So it is necessary to open a side door, and with a cloth, just pass over the reflector to remove any dirt.



This error is due to a product protruding on the front side (front side) or on the rear side (back side). To verify this, open the side door and check whether the warehouse is stopped at the point where it meets the obstacle.

Remove the obstacle and then press RESTART SYSTEM.



This problem is due to a blockage of the axes, it may be due to poor or excessive lubrication, remove all the dirt with a detergent and a cloth and then lubricate **ONLY WITH THE OIL SUPPLIED**, just a small supply of spray every 20 cm and then press RESTART SYSTEM.



When we proceed to RESTART THE SYSTEM a warning will appear, if we are sure that the obstacle has actually been removed we will be able to confirm.



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**Only after having tried these methods and not having obtained
benefits, please contact the MGTITALIA assistance service**

at n° 0464480684