



CARIMANAGER BLUEDOT USER GUIDE
Translation of original instructions



BlueDot

GENERAL INDEX

1 INTRODUCTION	1
2 SYSTEM REQUIREMENTS	1
3 INSTALLATION	2
3.1 “.NET FRAMEWORK” INSTALLATION	4
3.2 DRIVER INSTALLATION	6
3.3 UNINSTALLING	9
4 SOFTWARE ACTIVATION	10
5 SOFTWARE LAUNCH/CLOSURE	13
5.1 LOGIN.....	14
5.2 ACCESS LEVELS WITH PASSWORD	15
5.3 ACCESSIBLE FUNCTIONS ACCORDING TO LEVEL/PASSWORD	15
5.4 USER INTERFACE.....	16
6 DEVICE CONNECTION SETTINGS	17
7 SOFTWARE SESSION OPTIONS	19
7.1 ONLINE	19
7.1.1 CONNECTION/ DISCONNECTION	19
7.1.2 SAVING YOUR SETTINGS	22
7.1.3 DOSE SETTINGS	23
7.1.4 MAIN MENU	30
7.1.4.1 Info reset.....	31
7.1.4.2 Doses counter	34
7.1.4.3 Alarm history.....	35
7.1.4.4 System manager	56
7.1.4.5 Backup.....	69
7.2 OFFLINE.....	72
7.2.1 MACHINE TYPE SELECTION	73
7.2.2 MACHINE CONFIGURATION	75
7.2.3 DOSE SETTINGS	76
7.2.4 MAIN MENU	84
7.2.4.1 System manager	85
7.2.4.2 Backup.....	98
8 SAVE/LOAD MACHINE CONFIGURATION	101
8.1 SAVE MACHINE CONFIGURATION	101
8.1 LOAD MACHINE CONFIGURATION	103
9 DRINK NAME EDITING	105
9.1 STORING DRINK NAMES	106
9.2 LOADING DRINK NAMES.....	108

10 CARIMANAGER BLUEDOT STRUCTURE .. 110

10.1 ONLINE SESSION	110
10.2 OFFLINE SESSION.....	119

[illegible]

1 INTRODUCTION

This manual is a guide to Carimanager BlueDot software.

Carimanager BlueDot software allows Bluedot machines to communicate, via cable, with a PC for assistance, monitoring and configuration operations.

2 SYSTEM REQUIREMENTS

For correct use of the Carimanager BlueDot, the minimum requirements are:

- Windows version XP, 7,8,Vista,10 or higher;
- “.NET Framework 4.6” or higher;
- USB driver.

3 INSTALLATION



NOTE

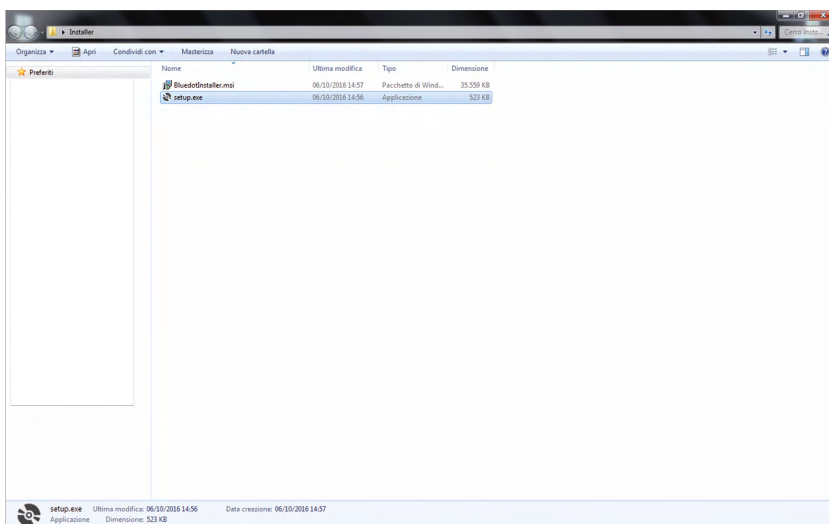
Users can receive Carimanager BlueDot software as a compressed directory (.zip) or in another customised mode.

WARNING

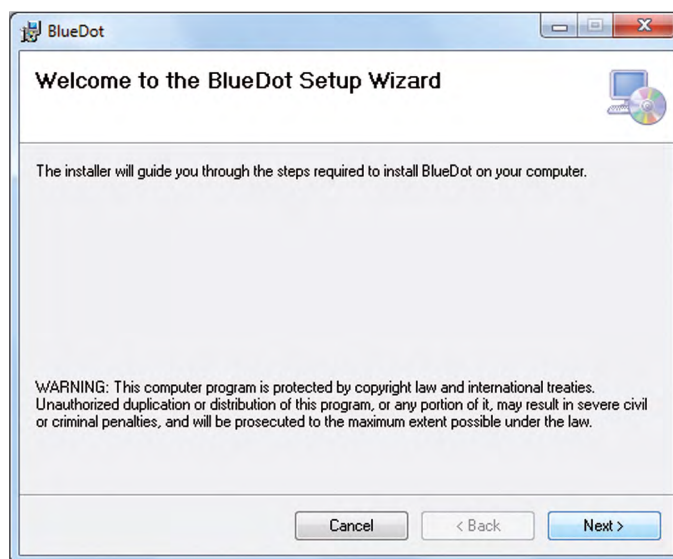
Software installation requires PC “administrator” credentials.

In any case, to start up the installation process, it is necessary to:

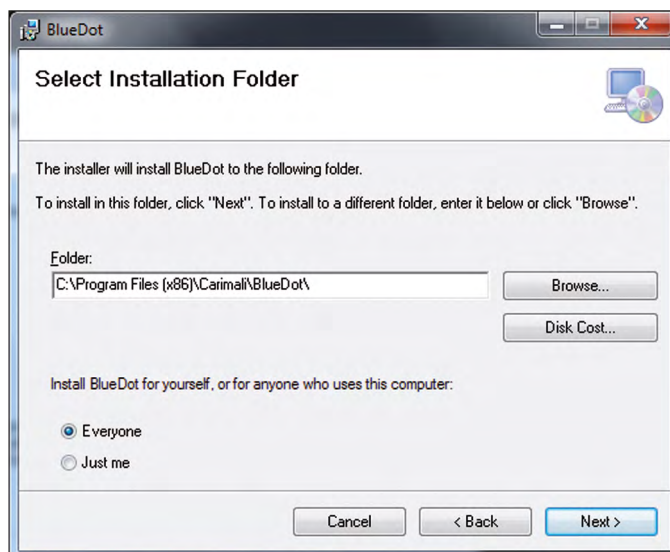
- Copy or extract the software content to a local directory;
- Start installation by opening the “SETUP.EXE” file with a double click.



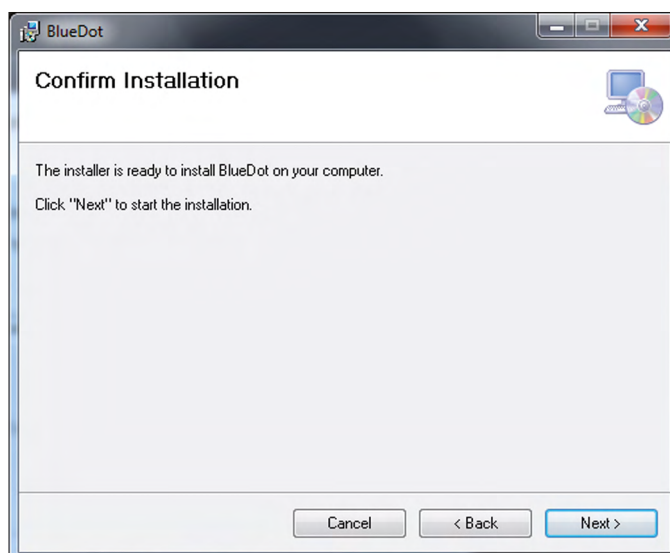
When the next screen comes up, press on the “NEXT” button.



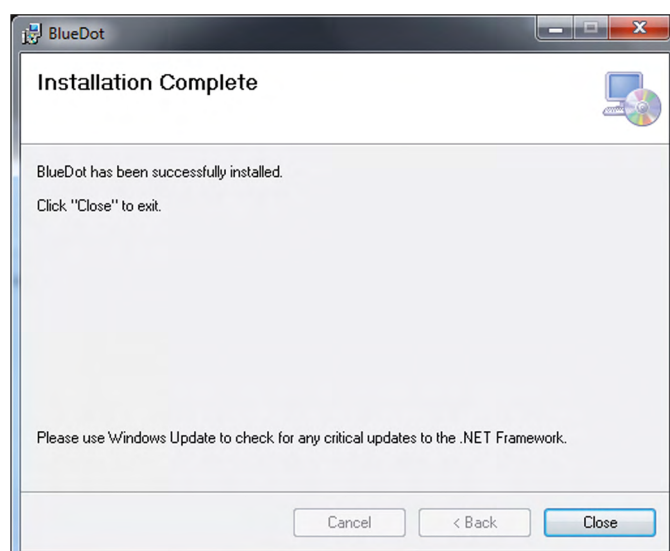
Change the destination directory for the installation by clicking on the “BROWSE” button. Press “NEXT” to confirm.



Press “NEXT” to confirm installation start up.



Wait for installation to complete.
Press the “CLOSE” button to conclude the installation process.



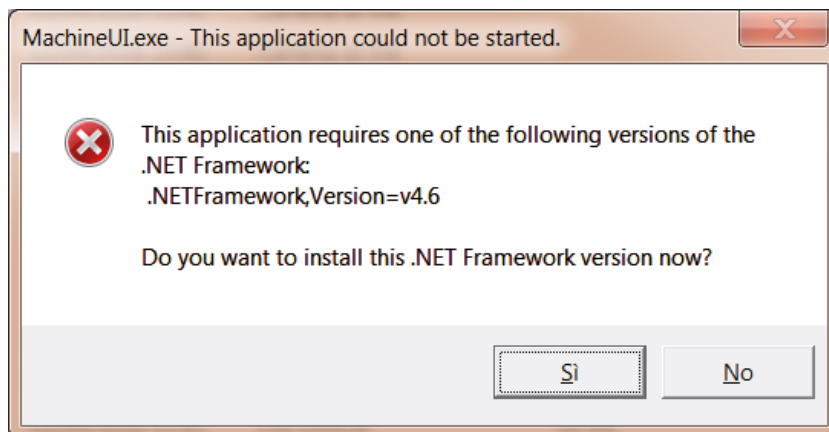
3.1 ".NET FRAMEWORK" INSTALLATION



WARNING

If the ".NET FRAMEWORK" file does not meet the minimum requirements, it will need to be updated.

The following message will be viewed on the PC monitor.

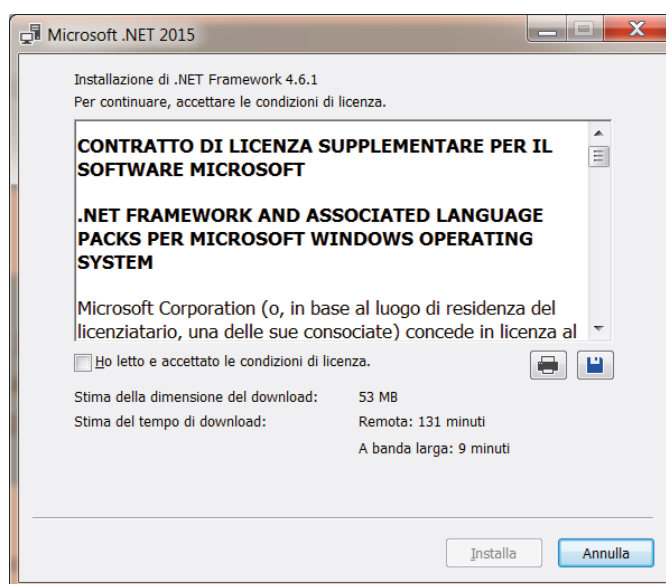


It is possible to update the software by downloading manually from the following link:

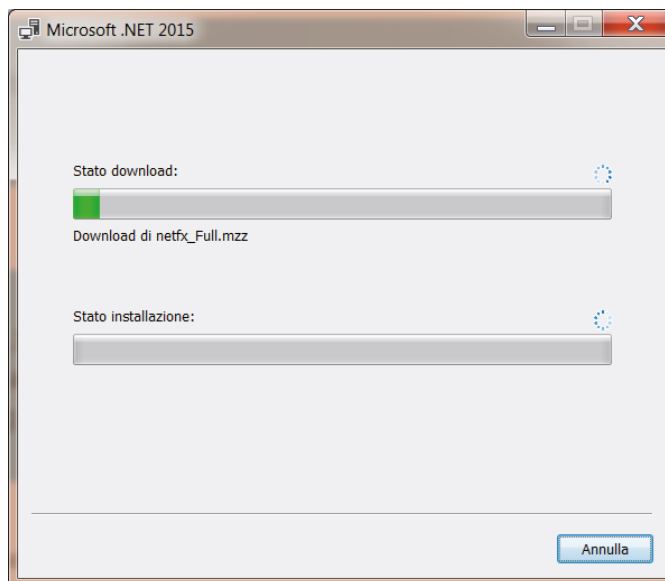
<http://www.microsoft.com/en-us/download/details.aspx?id=48130>

which needs to be entered in the search bar of the browser and confirming the message as shown above.

After downloading the file, double click on it to open.

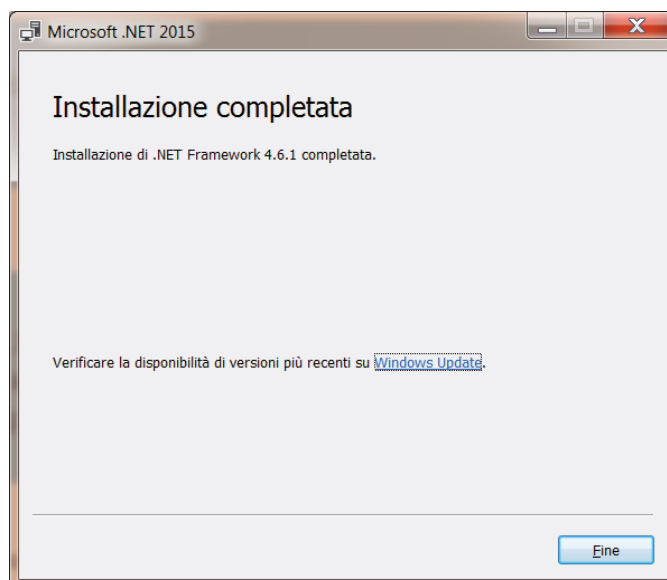


To continue, read and accept the licence conditions and select “Install”.



Wait for the installation or select “Cancel” to interrupt operation.

At the end of installation, the following window will open on the PC monitor.



Press “End” to complete the installation operation.



WARNING

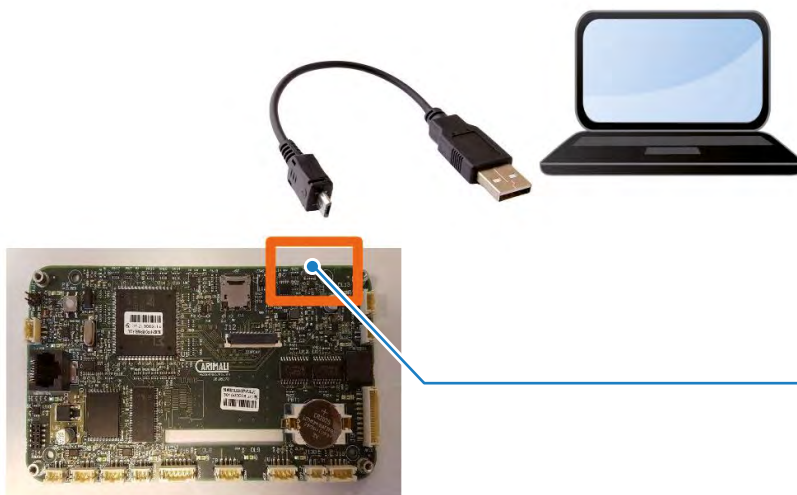
In case of error during the installation process, we recommend repeating the whole operation.

3.2 DRIVER INSTALLATION

To proceed with driver installation, the BlueDot machine needs to be connected to the PC by USB cable.

NOTE

Connect the USB cable to the mini-usb socket of the card on the machine.



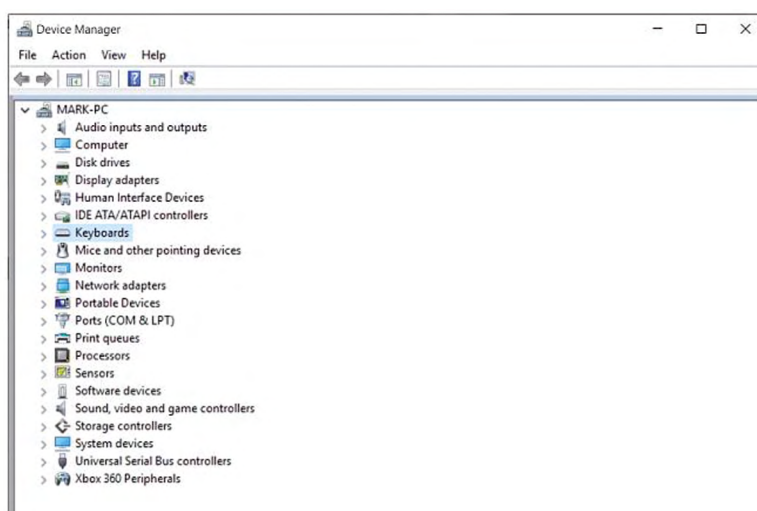
Mini-USB socket

ATTENTION

Insert the cable into the connector vertically so as to avoid tears or knocks.

When the machine has been connected, the client-PC should immediately detect it.

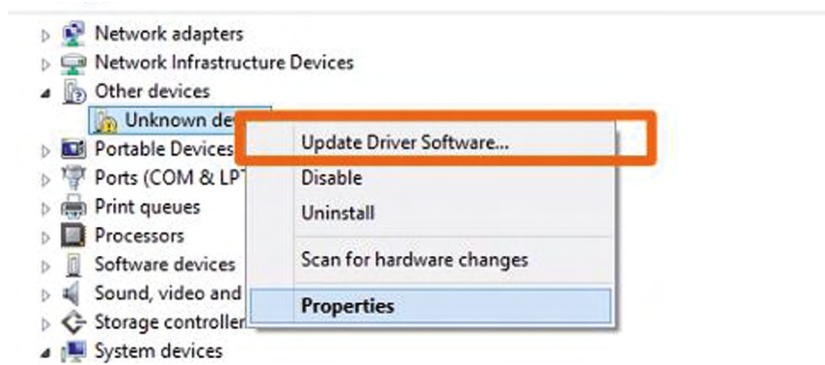
The user needs to open the control panel for the devices (Control panel → Device control).



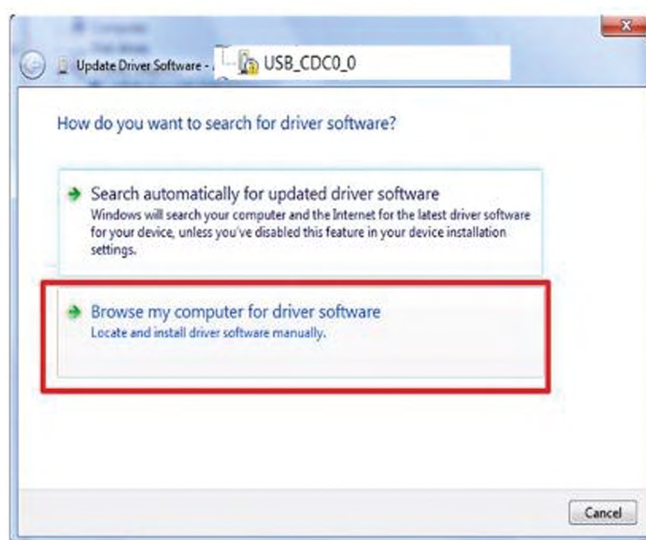
The machine is recognised under the heading “Other devices”, with the name “USB_CDC0_0.”



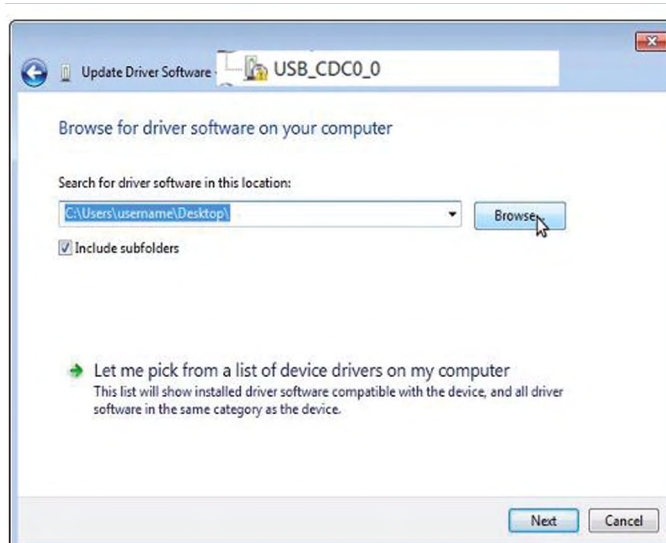
Right click on “USB_CDC0_0” and then select “Update software driver” and search for the driver provided.



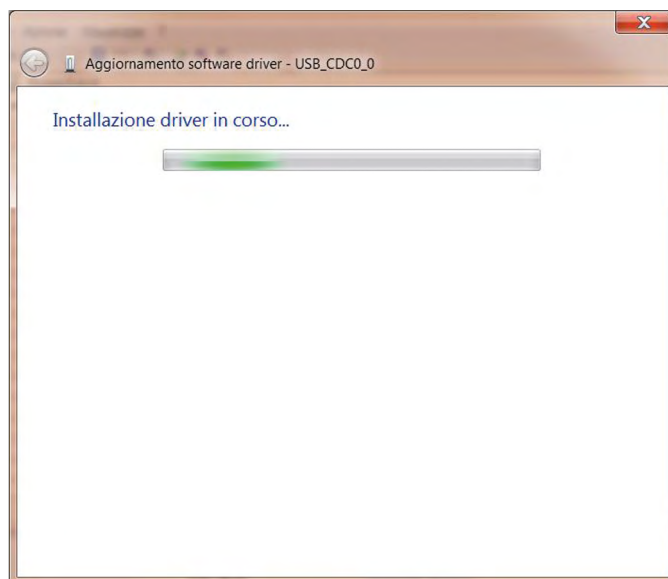
Select manual driver search on the PC.



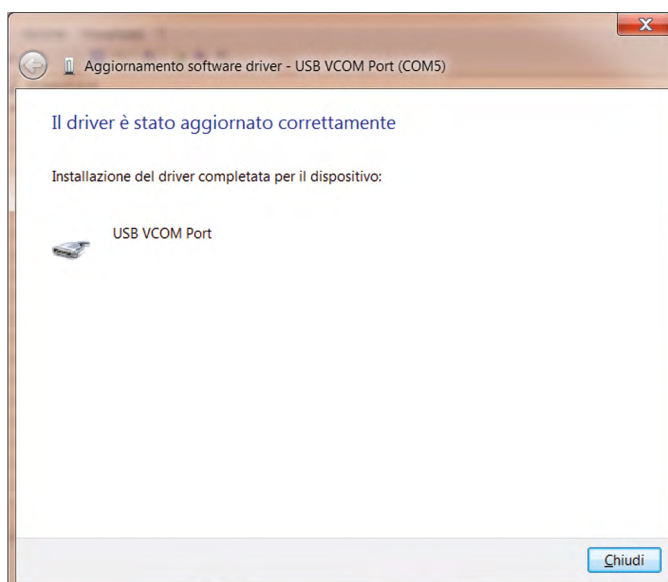
Select the local directory for the software.



Wait for the updated drivers to be searched and installed.



At the end of the upgrade, the following window will open on the PC monitor.



Press "Close" to complete the update operation.

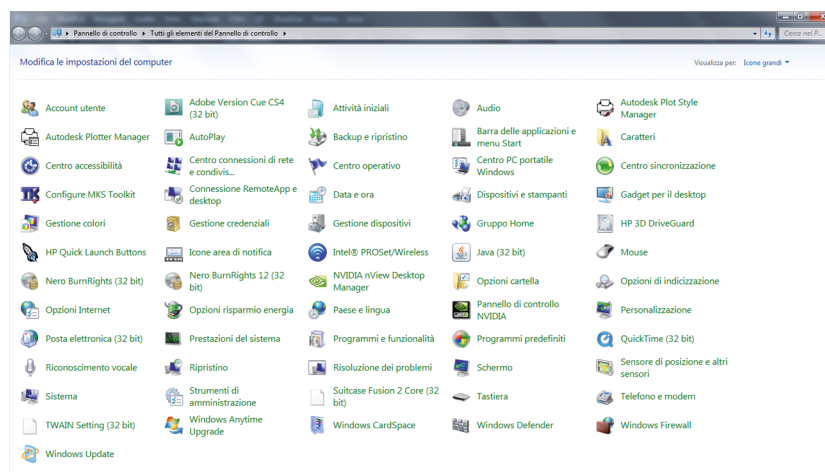


WARNING

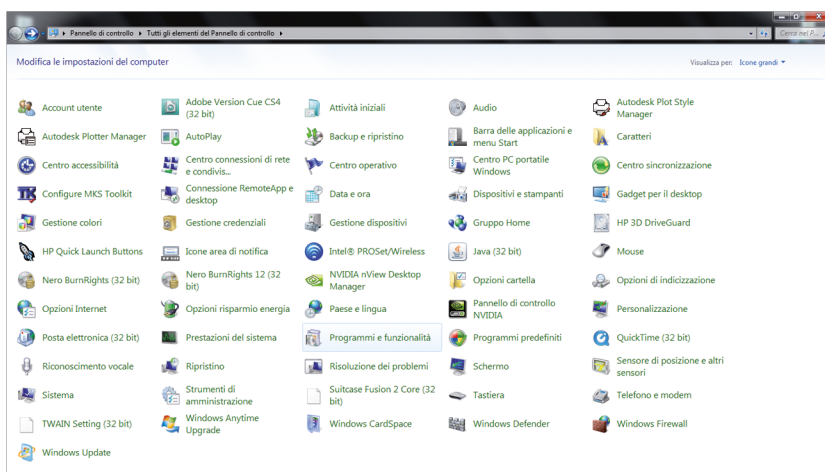
In case of error during the installation process, we recommend repeating the whole operation.

3.3 UNINSTALLING

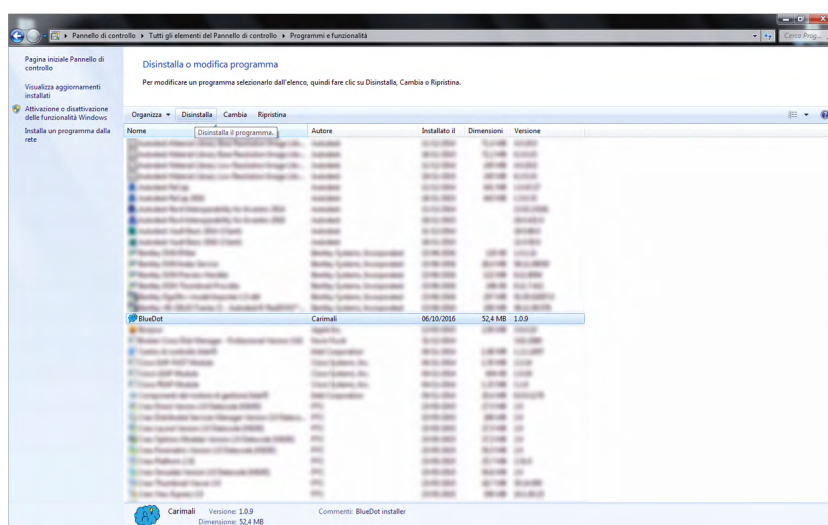
To uninstall the Carimanager BlueDot software, it is necessary to access the “Control Panel” from the PC.



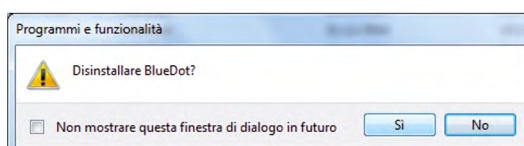
Select the “Programs” menu.



Right click on the BlueDot software and select “Uninstall”.

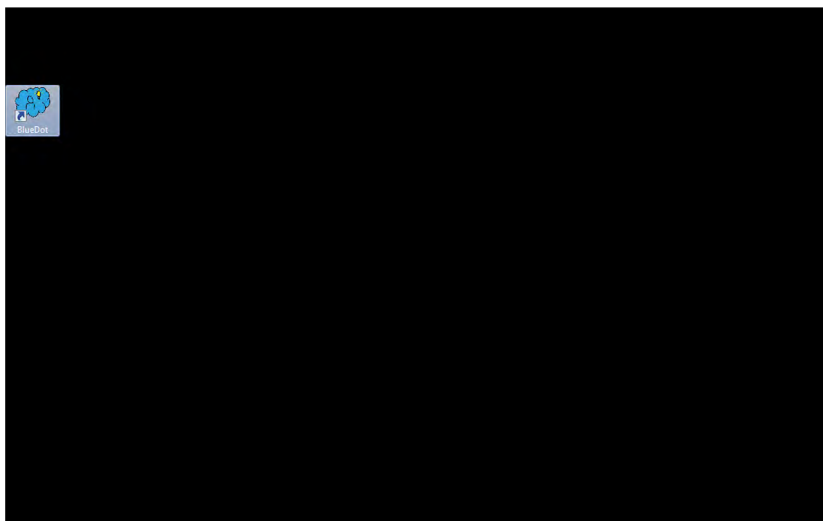


Press “YES” to confirm the process and wait for the uninstall to finish.

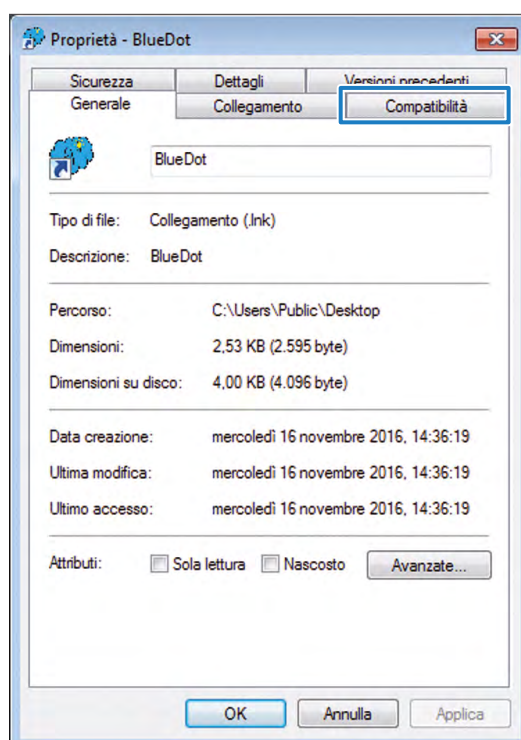


4 SOFTWARE ACTIVATION

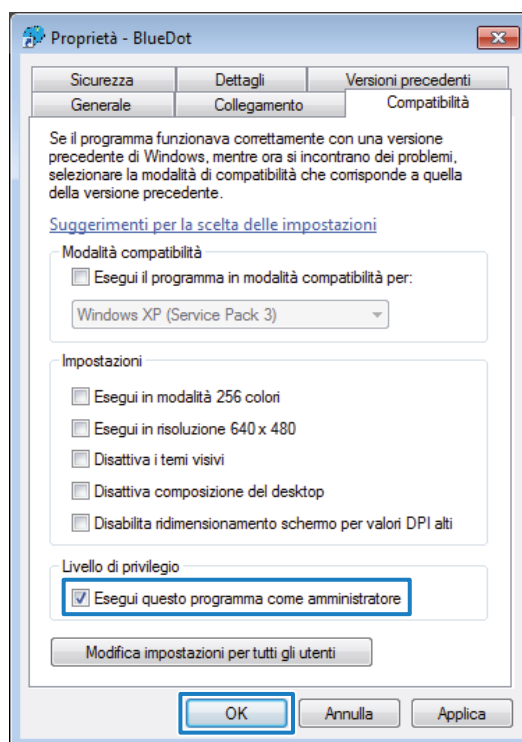
After completing the software installation process, the relevant icon will appear on the PC desktop.



Make sure that the program is run using administrator credentials by right-clicking and selecting properties.



Select the “Compatibility” tab and tick alongside the string “Run this program as administrator”.

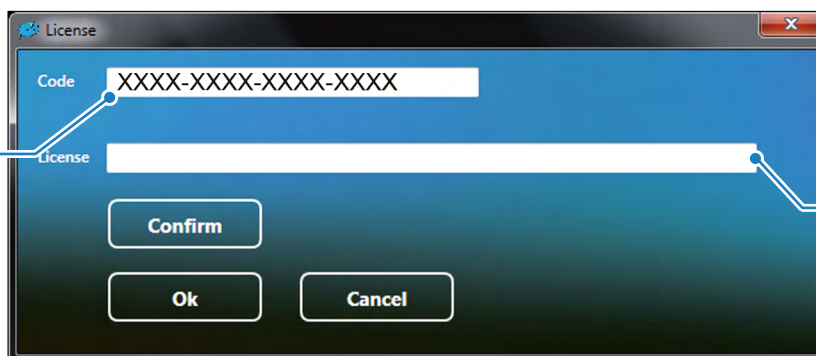


Press “OK” to confirm the setting.

Double click on the “BlueDot” icon to start the software.

When starting up for the first time, the following product activation screen will open.

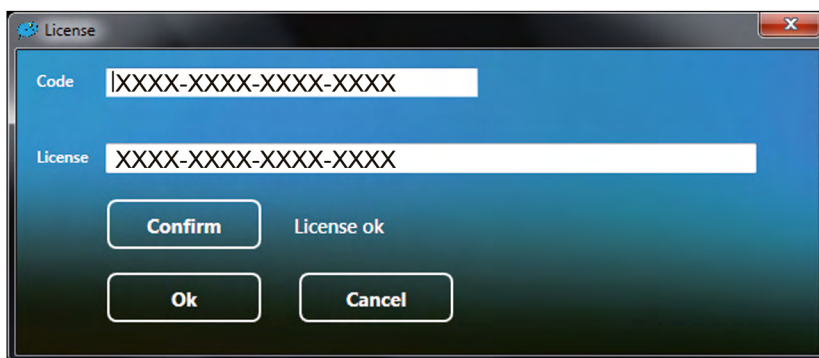
Code to be provided to the support service for product activation.



Box in which to enter the product activation code received by the support service.

Press the “Confirm” button to proceed to activate the product.

If the activation is successful, the display will read “License OK”.



Press the “OK” button to start the product.



WARNING

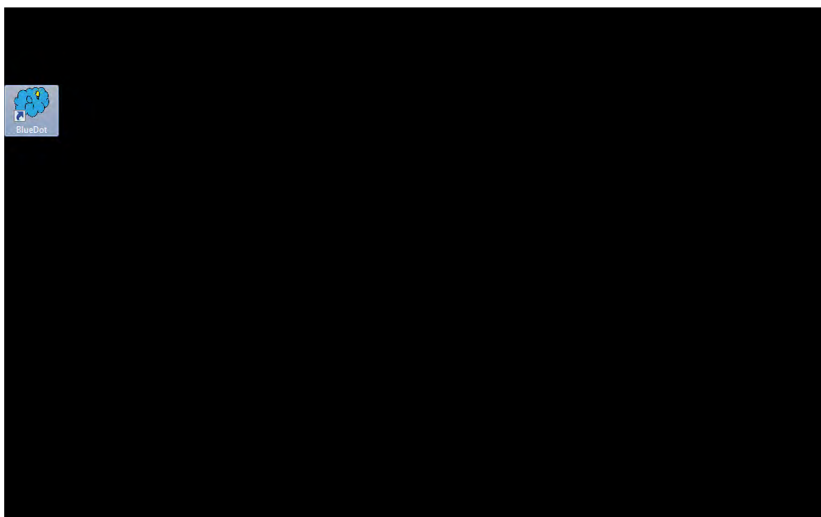
If the product cannot be activated, we recommend repeating the whole operation.

5 SOFTWARE LAUNCH/CLOSURE

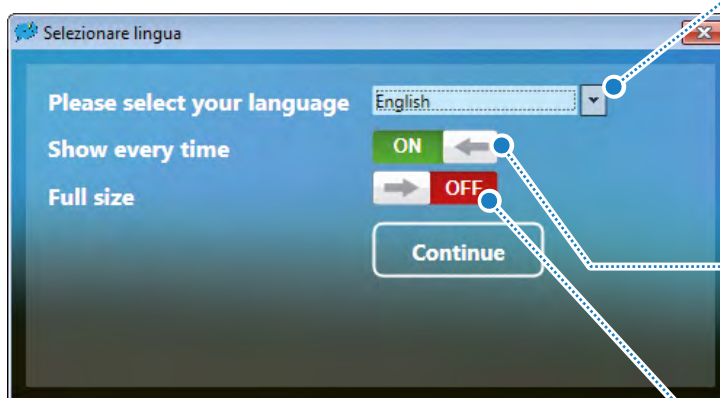


NOTE

It is possible to launch the software by double-clicking with the left button of the mouse on the BlueDot icon, or right-clicking and selecting the "Open" option.



Once open, the software will have the following screen.



Select the software language from the following:

- English
- Italian
- Spanish
- German
- Danish
- French
- Japanese
- Polish
- Dutch
- English (USA)

This is used to enable or disable viewing of the software start-up window.

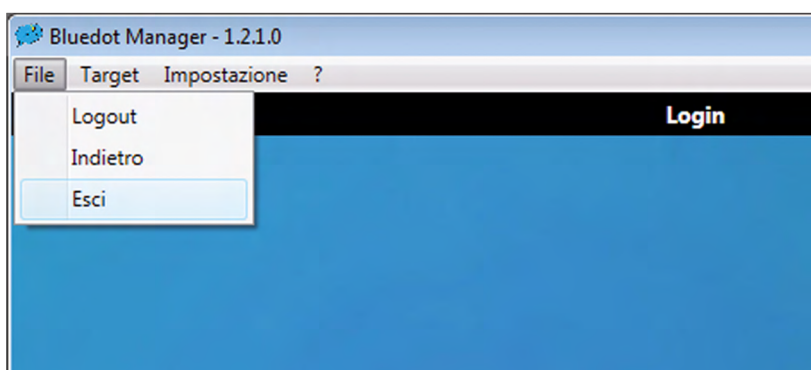
This is used to enable or disable viewing of the software start-up window in full screen mode.

Press CONTINUE to access the software.



NOTE

It is possible to close the software by clicking on the "X" in the top right or from the "FILE" menu in the top left corner and choosing "EXIT".



5.1 LOGIN

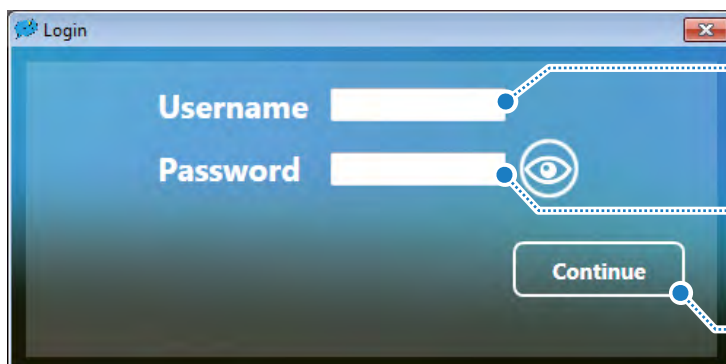
After launching the software, the user is required to complete the Login by entering User and Password.

This request decides the type of user and influences the availability of some settings.



NOTES

For practical purposes and completeness of information, we will illustrate the screens that can be see with level 5 password (technical) here below.



Username entry field.

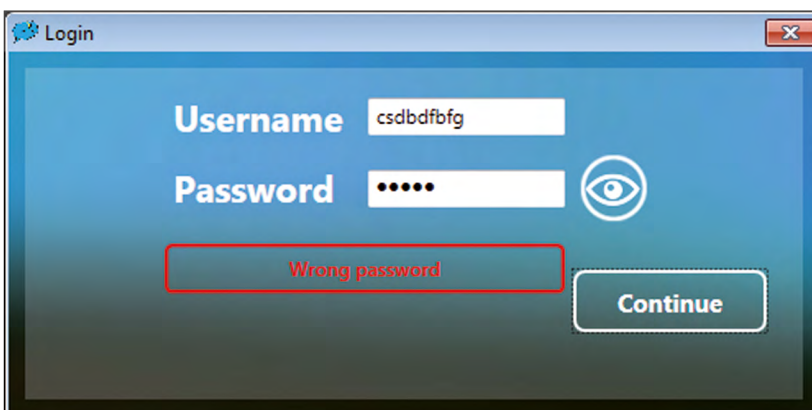
Password entry field.

Press to proceed within the software.



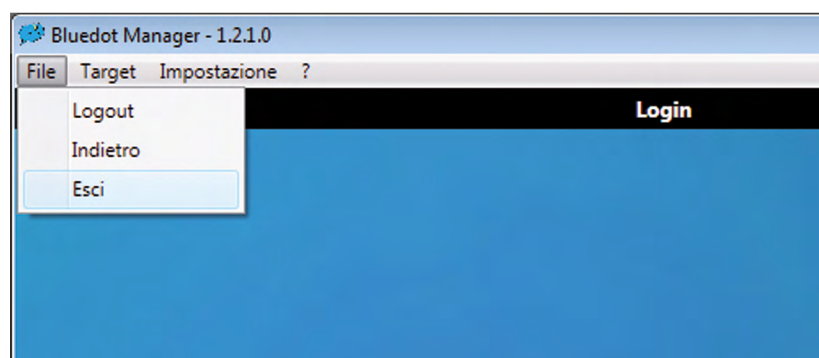
WARNING

If the access data are not correct, the message "Wrong Password" will be displayed.



NOTES

To complete a user logout, it is necessary to open the "File" menu and select "Logout".



5.2 ACCESS LEVELS WITH PASSWORD

LEVEL	USER	PASSWORD
1	Waiter	61111
2	Roaster	11111
3	Owner	22222
4	Service	33333
5	Technician	44444

5.3 ACCESSIBLE FUNCTIONS ACCORDING TO LEVEL/PASSWORD

		LEVEL				
		1	2	3	4	5
INFO RESET	Read doses data				✓	✓
	Reset Counters				✓	✓
	GSM/Ftp status					✓
SYSTEM-MANAGER	System clock programming	YYYY	✓	✓	✓	✓
		MM	✓	✓	✓	✓
		DD	✓	✓	✓	✓
		DAY	✓	✓	✓	✓
		HH	✓	✓	✓	✓
		MM	✓	✓	✓	✓
	Display Regulation	Brightness Adjustment	✓	✓	✓	✓
	Machine Configuration	Main power				✓
		Grinder number				✓
		Hot water outlet				✓
		Aroma fan				✓
		Dispenser				✓
		Decaf door				✓
		Water Supply type				✓
		Steam				✓
		Cup station				✓
		Communication interface				✓
		Height / Presence cup				✓
		Door locked				✓
		MDB				✓
		ES grounds roller compactor				✓
	Machine Parameters	Language			✓	✓
		Boiler temperature			✓	✓
		Steam temperature			✓	✓
		Aroma fan timing			✓	✓
		Fan timing			✓	✓
		Grounds number max ES			✓	✓
		Grounds number max FB			✓	✓
		Serial number			✓	✓
		Instant motor settings			✓	✓
		Stop dispensing			✓	✓
	Change Password		✓	✓	✓	✓
	Energy save				✓	✓
	Calibration				✓	✓
	GSM Service				✓	✓
	Group manual movements	Espresso group			✓	✓
		Fresh brew group			✓	✓
	MDB				✓	✓

		LEVEL				
		1	2	3	4	5
DOSE PROGRAMMING	Select options	Drink enable		✓	✓	✓
		Drink name		✓	✓	✓
		Products number		✓	✓	✓
		Drink icon		✓	✓	✓
		Price		✓	✓	✓
	Drink Composition	Product 1 settings		✓	✓	✓
		Product 2 settings		✓	✓	✓
	Product # Setting	Parameter #1		✓	✓	✓
		Parameter #2		✓	✓	✓
		Parameter #3		✓	✓	✓
BACK UP	Test doses					✓
	Load doses				✓	✓
	Save doses				✓	✓
	Save vending data				✓	✓
DOSES COUNTER	Global counter					✓
	Partial					✓
	Drinks counter					✓
ALARM HISTORY SERVICE						✓
						✓



NOTES

- ✓ = Accessible function for reading/writing.
- ✓° = Accessible function for reading only.

5.4 USER INTERFACE



Toolbar

General information bar

Software viewing area

System messages area

Connection status
viewing area

Indication area
access mode.

6 DEVICE CONNECTION SETTINGS



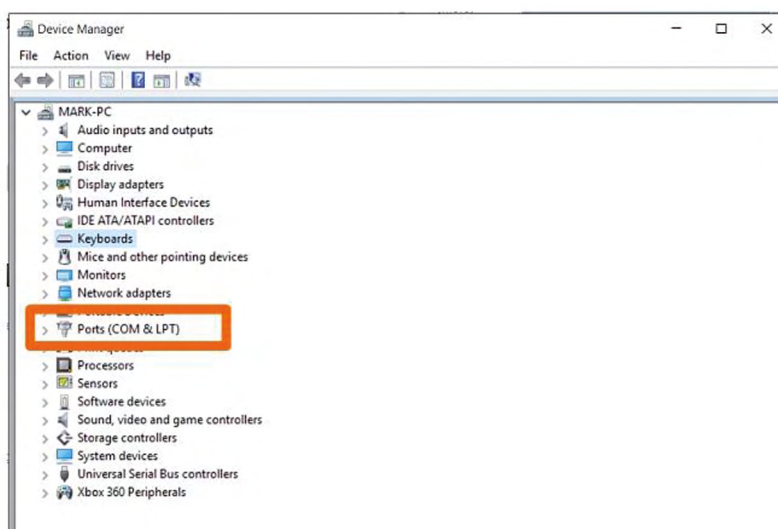
NOTES

To establish an efficient connection with the machine, it is necessary to set the connection parameters.

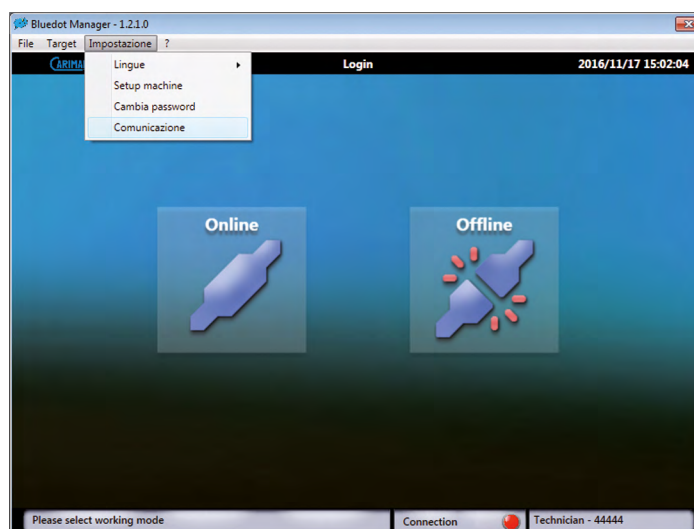


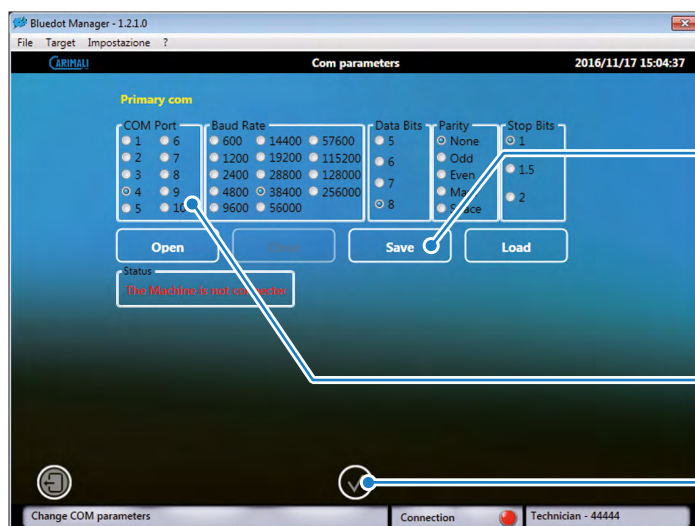
NOTES

From the PC, to define the port being used, access the “Control panel/device management/Ports (COM and LPT)”.



Access the connection parameters selecting “Settings/Communication”.





Confirm the connection settings.

Select the COM port used to connect the machine to the PC.

Press to confirm the changes made

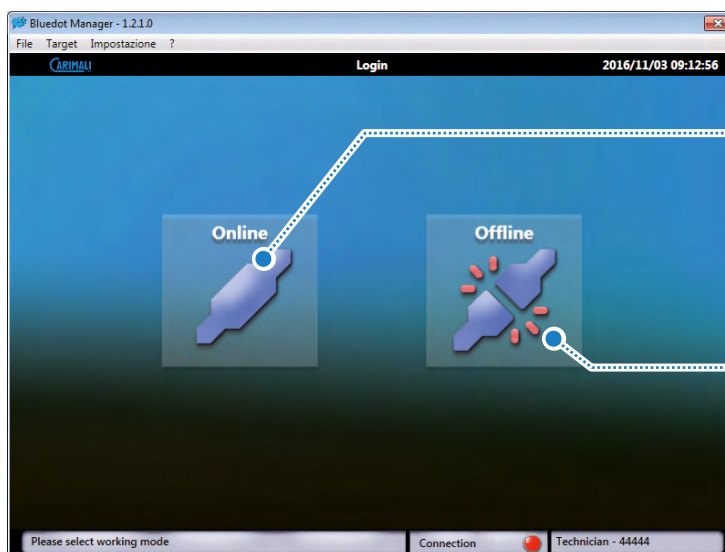


WARNING

After setting the connection parameters, press “Save” to confirm the settings.

7 SOFTWARE SESSION OPTIONS

Carimanager BlueDot software offers the user two possible operating modes:



ONLINE: machine direct connection to PC via USB.

OFFLINE: used to create and customize settings.

7.1 ONLINE

At the moment of connection the software will read the machine's current configuration and it will allow the setting of doses and parameters only, based on the match with the connected device.

Through the direct link, the user will be able to save the current device configuration and also to directly tune the doses.

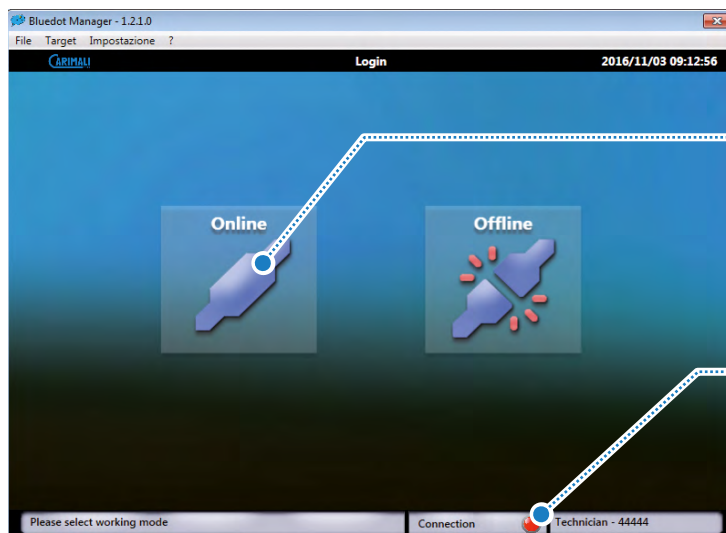
7.1.1 CONNECTION/ DISCONNECTION

Connect the PC to the machine and make sure that the connection ports are correct; after this, use the PC software to select "Online" from the main menu.



ATTENTION

Insert the cable into the connector vertically so as to avoid tears or knocks.

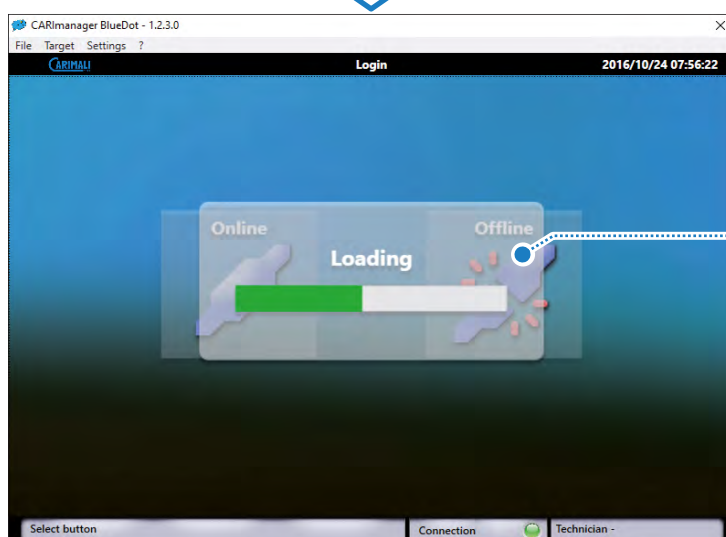


Press to access the
ONLINE mode.

LED to indicate
connection status.

NOTES

If the connection is
successful, the con-
nection LEDs will
turn green.



ONLINE session loading.



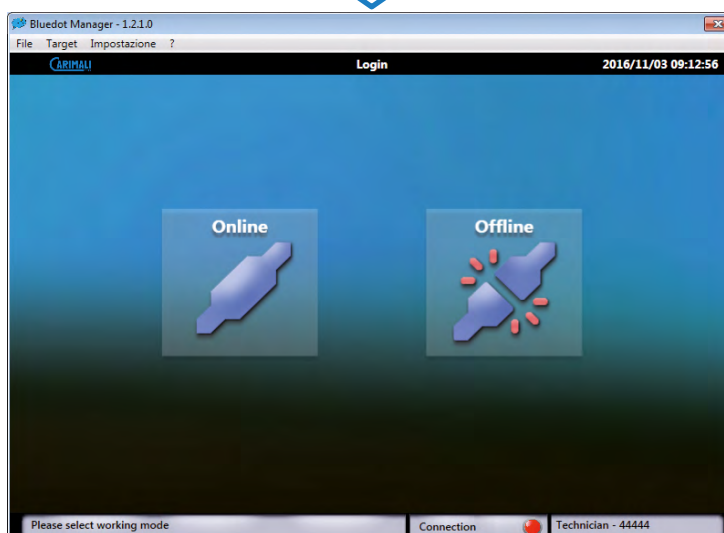
NOTES

At the time of con-
nection, the machine
display views this
screen and the but-
tons are disabled.

To disconnect the machine, it is necessary to press the “EXIT” button.



EXIT button.



WARNING

The software will ask whether you wish to disconnect from the machine without saving your settings. Press “Yes” to confirm.

NOTES

The connection LEDs will turn red.



NOTES

After disconnecting, the machine display will show the menu buttons, and the buttons will be restored.

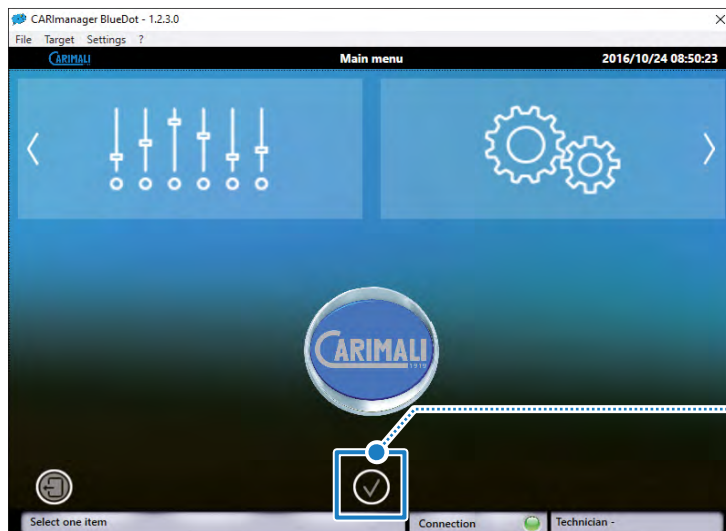


7.1.2 SAVING YOUR SETTINGS

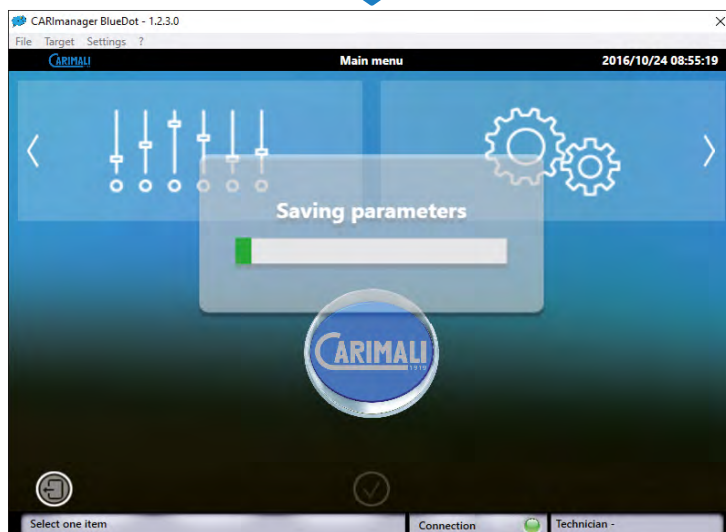


WARNING

After setting the doses and the machine parameters, press the machine button, press the save button (only on the online session).



Save button.



NOTES

The saving process will take about 1 minute. During the saving process, it is not possible to disconnect or to save a new configuration.

7.1.3 DOSE SETTINGS



NOTES

Doses can all be adjusted following the same process.



Dose setting access button.



Select the drink for dose setting.



Press to access the delivery graphic for the products that the drink is comprised of.

According to the machine configuration, the following types of product can be selected:

- Espresso
- Fresh Brew
- Instant product
- Fresh milk
- Water

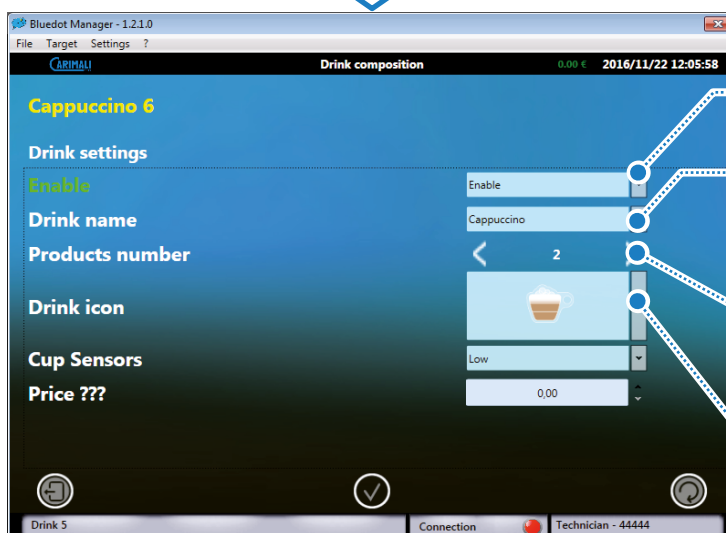
Press to access the drink settings.

Press to access the parameter setting page of the products that the drink is comprised of.





DRINK OPTIONS



Enables/disables the drink, or makes it "empty".

Select the name of the beverage from a list provided by the manufacturer.

Select the number of products (from 1 to 3) that make up the beverage to be delivered.

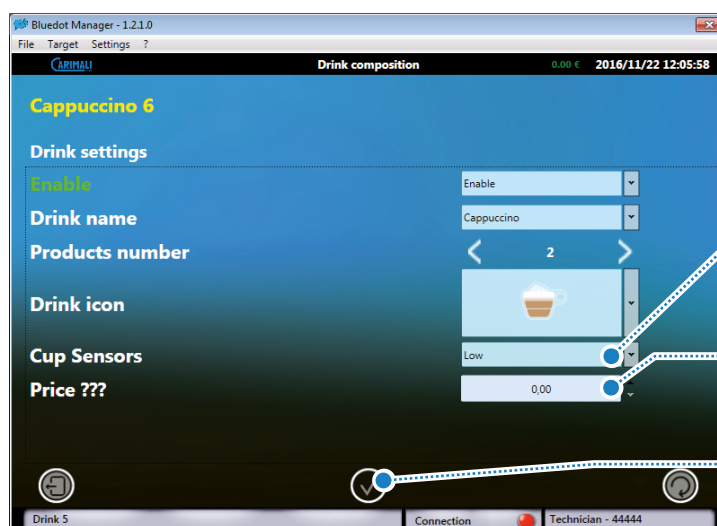
Select the icon of the beverage from a list provided by the manufacturer.



NOTES

The name of the drink can be changed from the "Settings / product name" menu.

For more information, please refer to the relevant chapter.



Select the sensor (high, low, jolly) to use to enable the delivery of the drink.

Selecting the price of the drink.
If set to "0.00" the drink is delivered free of charge.

Press to confirm the changes made.



NOTES

Price increase or reduction steps are the same as the value entered in the "Minimum Coin Value" field on the MDB menu (in "system manager"), in the same way as the price currency will correspond to the "currency code" field.

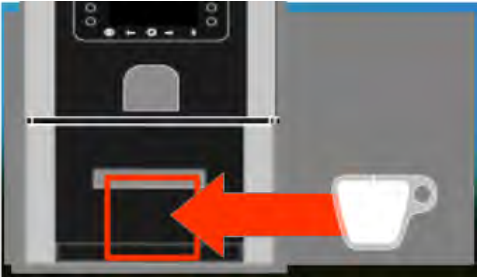

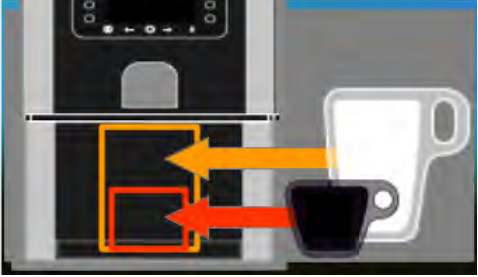


NOTES

The "Cup sensor" option can only be viewed if "Cup station" is enabled in the default "Machine configuration" menu and set on the Jolly.





SENSOR	DISPLAY	OPERATION
Low		<p>Allows the distribution of a short cup drink placed in correspondence with the lower cup sensor.</p>
High		<p>Allows the distribution of a long cup drink placed in correspondence with the higher cup sensor, or short cup drink placed in correspondence with the higher cup sensor when the Cup Station is not present.</p>
Jolly		<p>Allows the distribution of any cup drink placed in correspondence with the lower or the higher cup sensor.</p>



NOTES

The “Price” option is only visible if the “MDB” function is enabled in the “Machine configuration” menu.

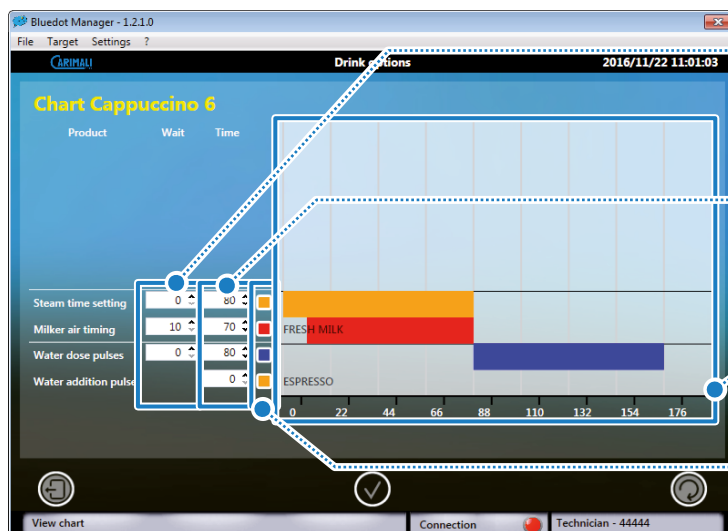


CHART PRODUCT

With this menu it is possible to edit and view the delivery times and delays for some product components in graphic form.

For example, if we look at the cappuccino.

Open the menu to view the page with some of the default pre-sets defined by the manufacturer.



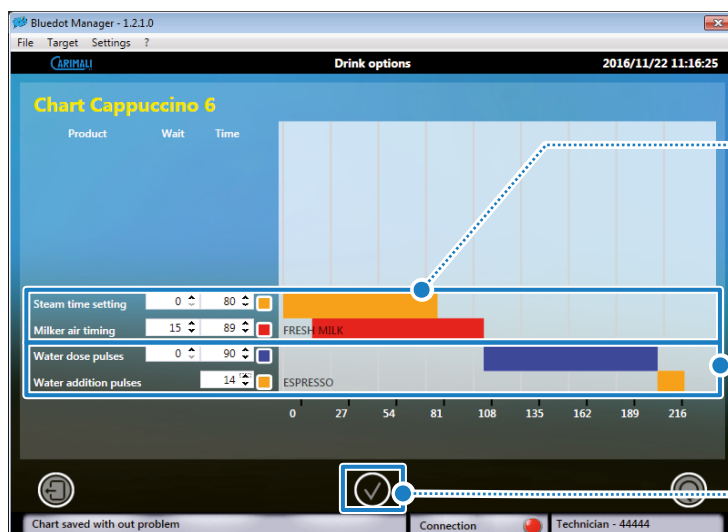
Fields to set the delivery delay of drink ingredients.

Fields to set the delivery time of drink ingredients.

Graphic for delivery time of drink ingredients.

Infographic key used on delivery graphic.

When the number fields are changed automacally, the graphic will show the new settings.



Milk delivery mode settings area.

Espresso delivery mode settings area.

Press to confirm the changes made.

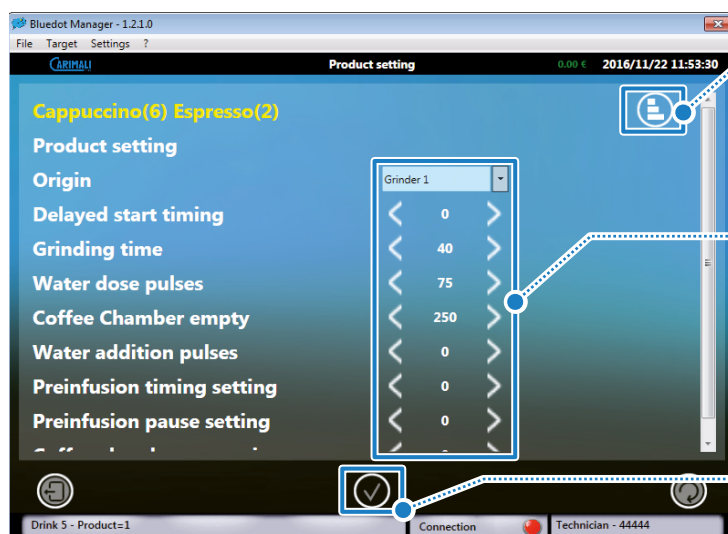




PRODUCT SETTINGS

NOTES

The products that can be set will depend on the ingredients of the drink.



Press to access the delivery graphic for the products that the drink is comprised of.

Parameter settings fields. For more details, see the following table.

Press to confirm the changes made.

PARAMETERS THAT CAN BE SET:

Drink comp.	Element	Min. value	Max. value	Unit of measure	Various / Remarks
ESPRESSO	Origin				Grinder 1 Grinder 2 Decaf Grinder 1 & 2
	Delayed start time	0	300	Tenths of a second	
	Grinding time	0	150	Tenths of a second	
	Water dose pulses	0	500	No.	
	Empty coffee chamber	249	251	No.	
	Water adding pulses	0	400	No.	
	Pre-infusion time setting	0	50	Tenths of a second	
	Pre-infusion pause setting	0	150	Tenths of a second	
FRESH BREW	Coffee expansion chamber	0	30	No.	
	Origin				Grinder 1 Grinder 2 Instant product motor 1 Instant product motor 2 Grinder 1 & 2
	Delayed start time	0	300	Tenths of a second	
	Grinding time	0	150	Tenths of a second	
	Water time 1	0	200	Tenths of a second	
	Infusion pause setting	0	150	Tenths of a second	
	Air pump time	0	150	Tenths of a second	
	Air pump motor PWM1	1700	1800	No.	Recommended value 1800
	Water time 2	0	200	Tenths of a second	
	Water time 3	0	10	Tenths of a second	

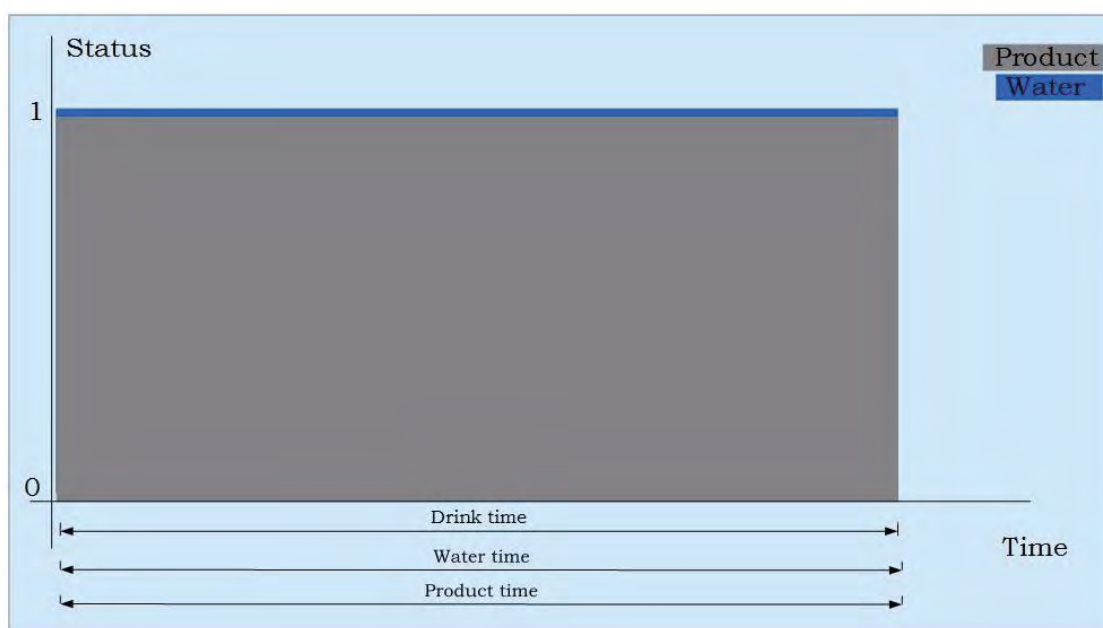



Drink comp.
INSTANT PRODUCT
MILK
HOT WATER

Element	Min. value	Max. value	Unit of measure	Various / Remarks
Origin				Instant product motor 1 Instant product motor 2 Instant product motor 3
Delayed start time	0	300	Tenths of a second	
Water dispensing time	0	350	Tenths of a second	
Water dispensing delayed start	0	370	Tenths of a second	
Mixer motor time ON	0	350	Tenths of a second	
Mixer motor delayed start	0	350	Tenths of a second	
Instant product motor time ON	5	350	Tenths of a second	
Instant product motor delayed start	0	2	Tenths of a second	
Mixer speed setting	0	2	No.	0 max speed 1 medium speed 2 min. speed
Instant product dispensing steps	0	2	No.	0 dispensing without interruption 1 a pause during dispensing 2 two pauses during dispensing
Delayed start time	0	300	Tenths of a second	
Steam dispensing time	0	200	Tenths of a second	
Milk aerator delayed start	10	160	Tenths of a second	
Milk aerator time	0	200	Tenths of a second	
Delayed start time	0	300	Tenths of a second	
Dispensing time	0	350	Tenths of a second	

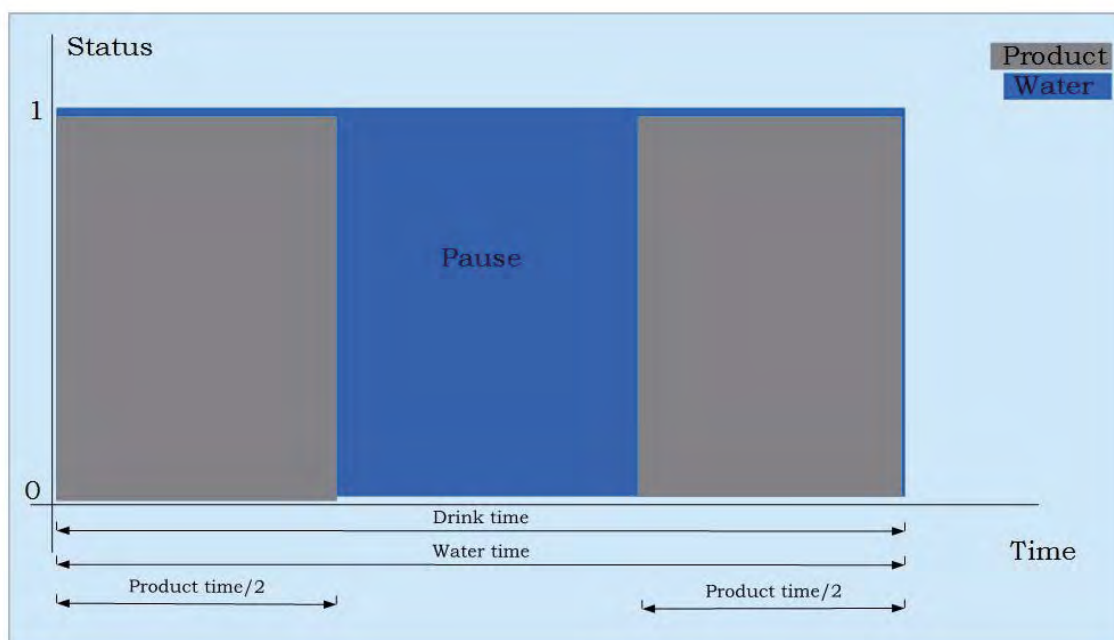
INSTANT PRODUCT DISPENSING STEPS:

0 PAUSE:

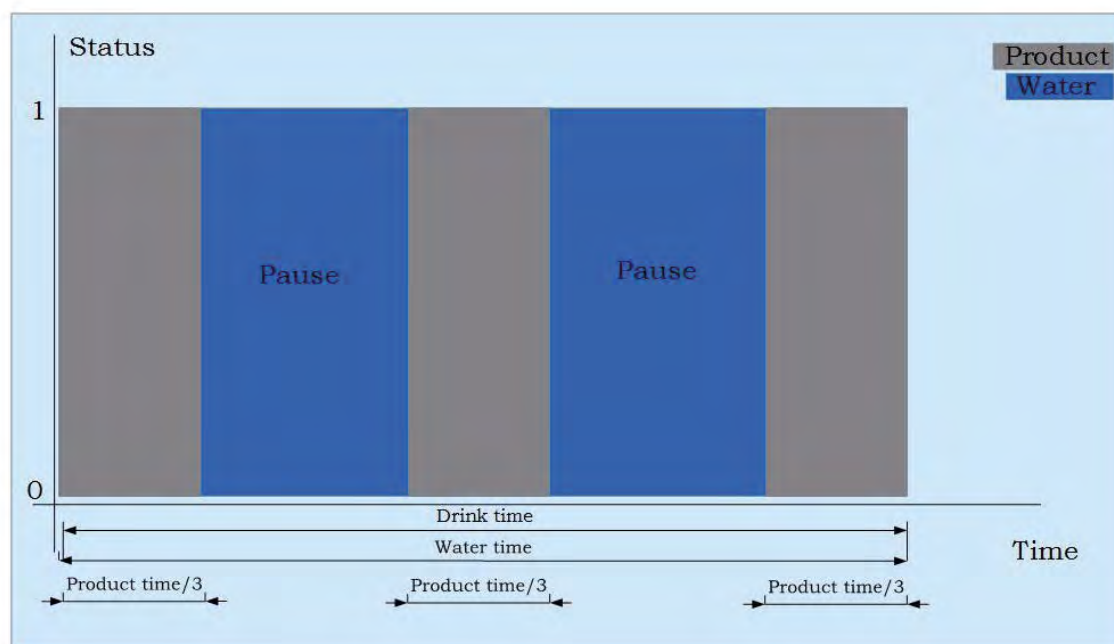




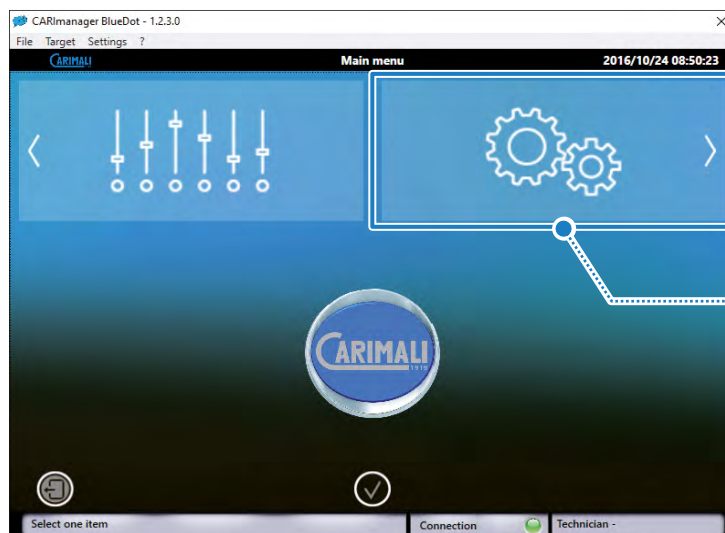
1 PAUSE:



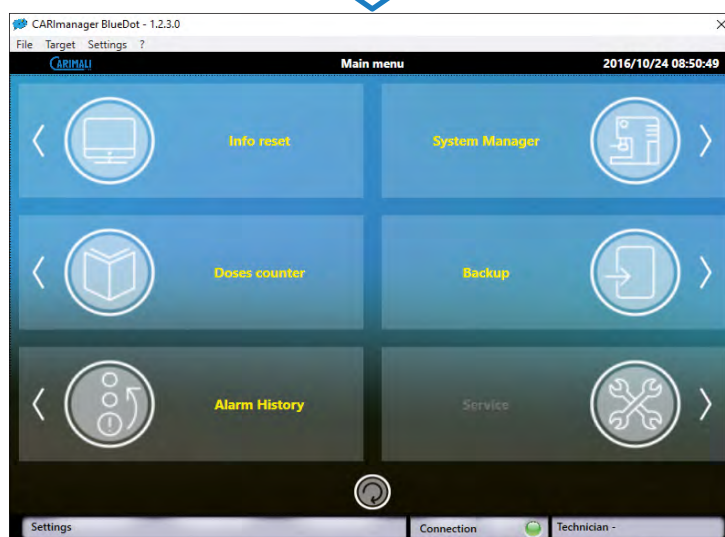
2 PAUSES:



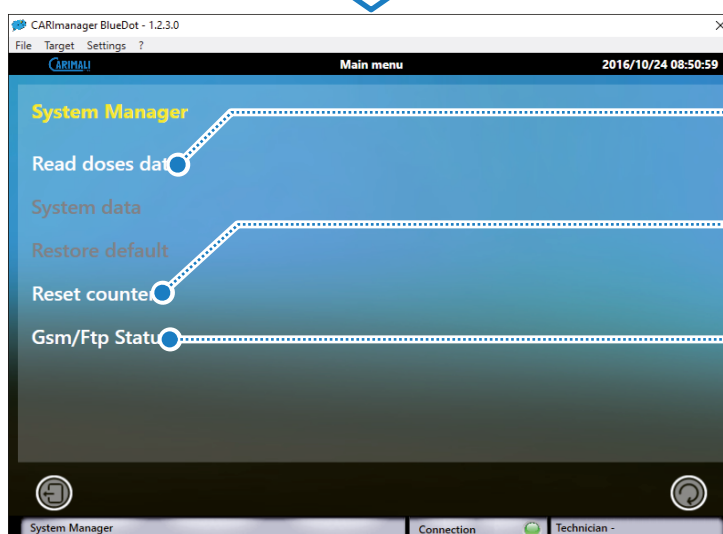
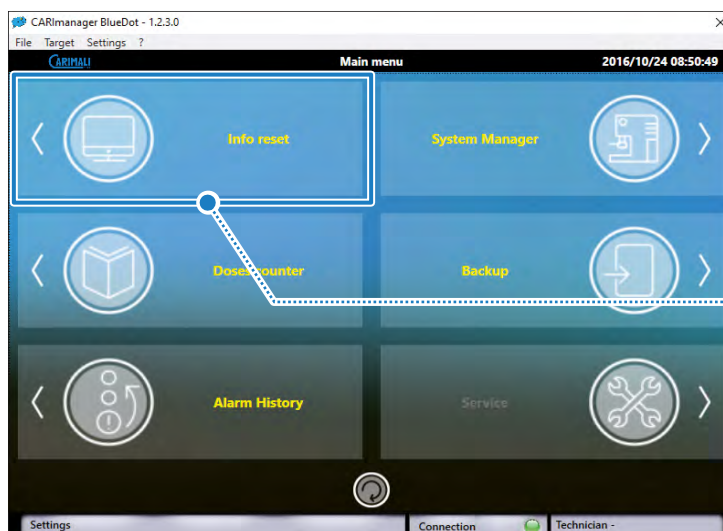
7.1.4 MAIN MENU



Main menu access button.



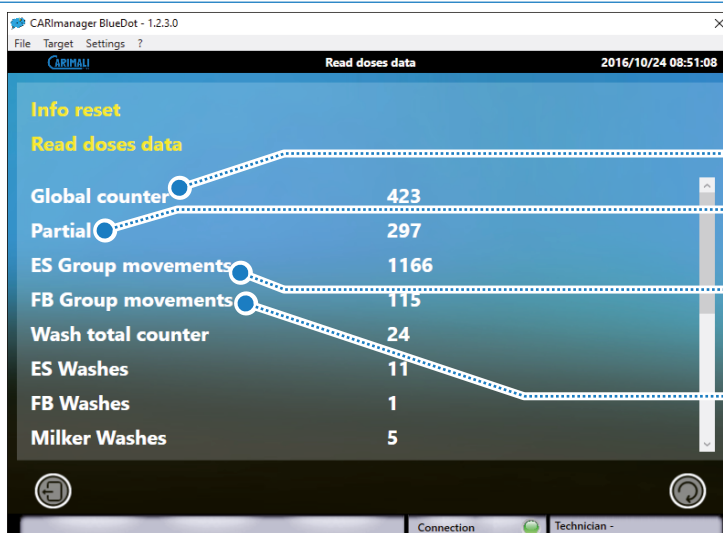
7.1.4.1 Info reset



COUNTER

NOTES

The viewing of some counters will depend on the machine configuration.





Total counter washes.

Washes counter
Espresso group.

Washes counter.
Fresh Brew Group.

Washes counter.
Milker.



Washes counter Mixer.

Current number of
grounds used by
the Espresso group.

Current number of
grounds used by the
Fresh Brew Group.

Counter beverage
dispensed detail.



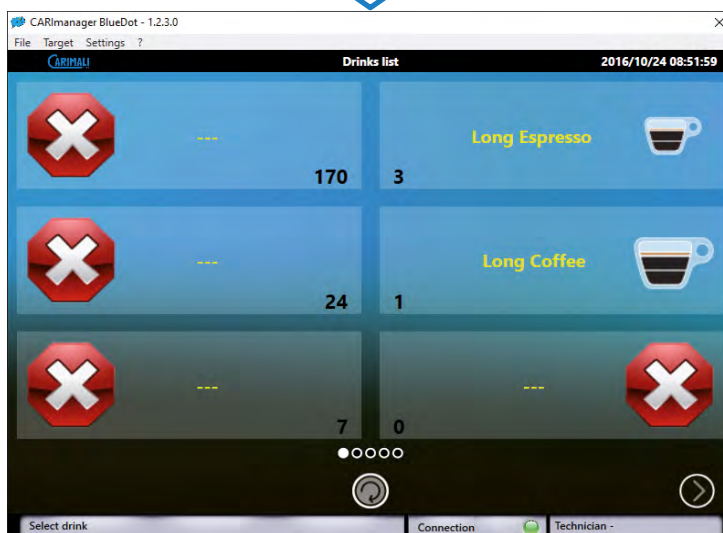
Total counter for messages
sent using GSM module.

Wear status for current
filter.

Total machine takings.

Press to view the retail
counter for each single
drink delivered.

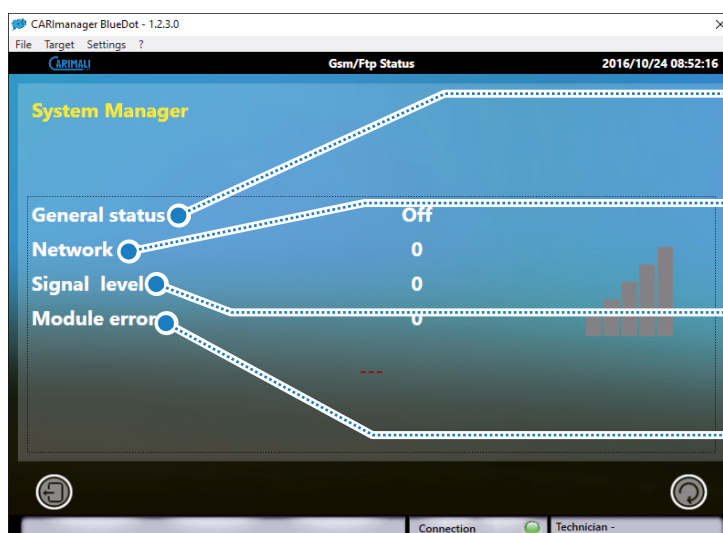




NOTES

This menu supplies data about the number of dispensing of each enabled drink.

GSM/FTP STATUS



GSM/Ftp general status.

Connection status.

Signal level (number and graphic).

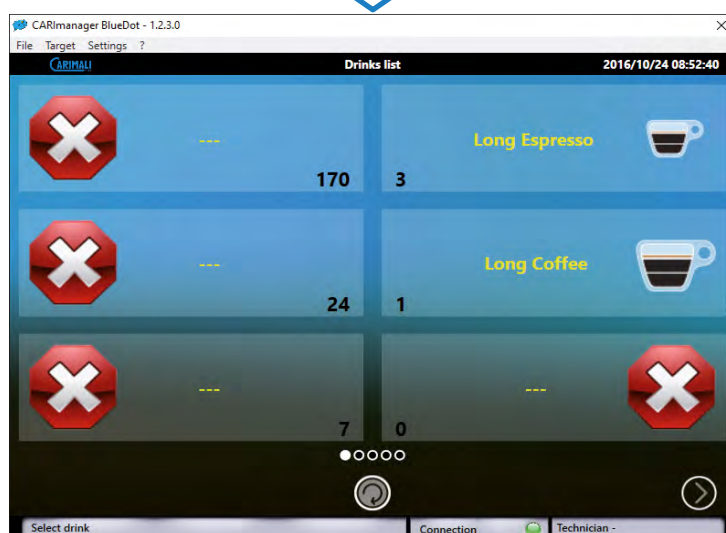
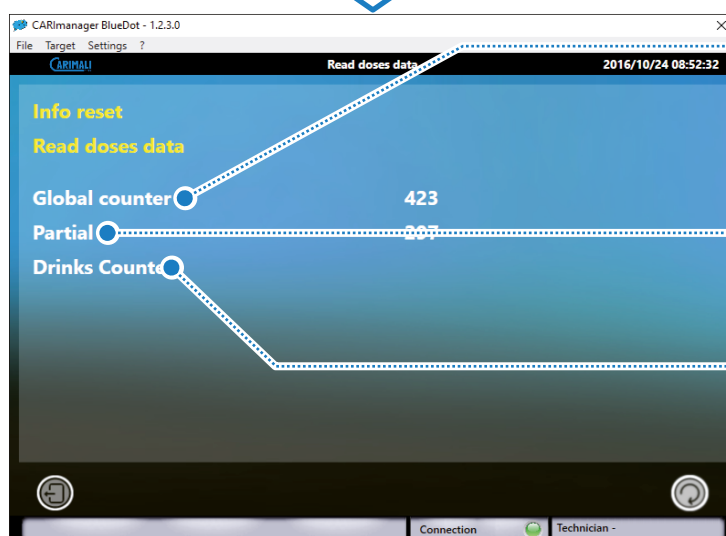
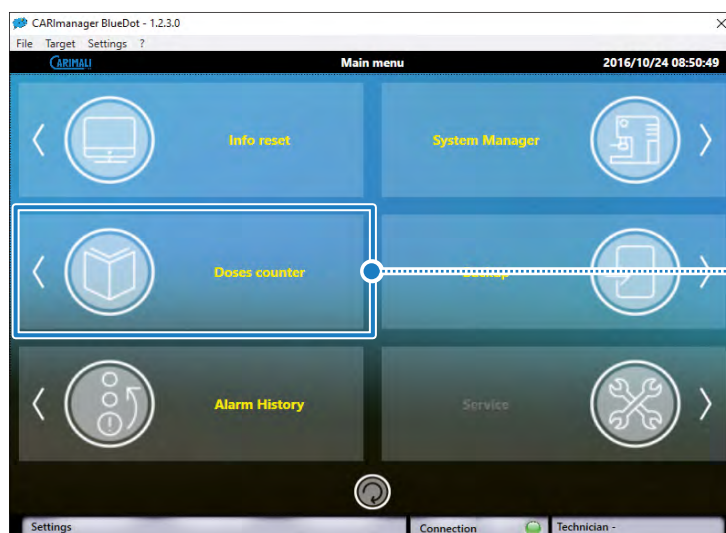
Signal of number of errors.

NOTES

This menu is only viewed if the GSM module is enabled and online.
Enable the function from the "Machine configuration" menu.



7.1.4.2 Doses counter



NOTES

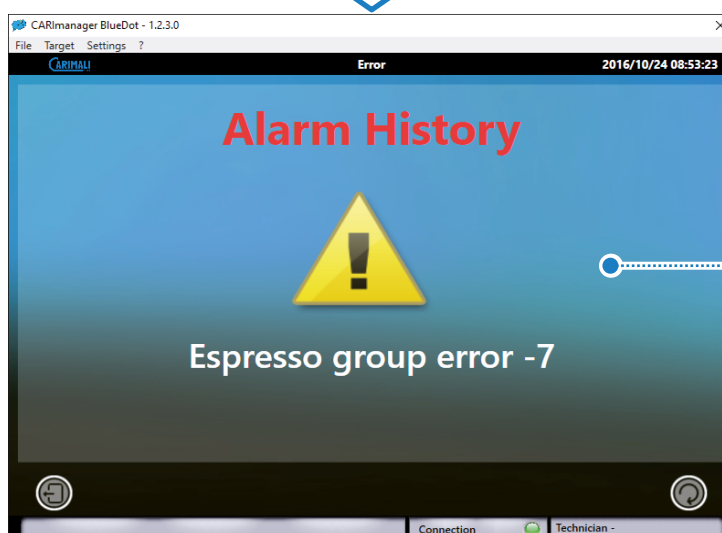
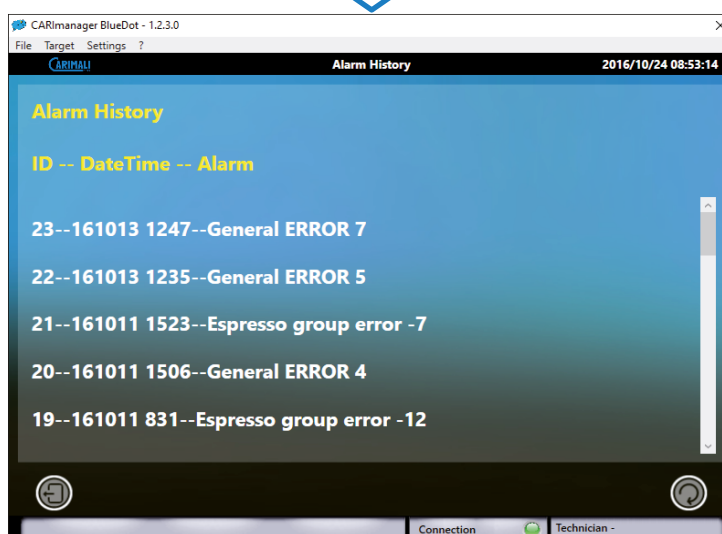
This counter cannot be reset.

NOTES

This menu supplies data about the number of times each enabled drink has been dispensed.



7.1.4.3 Alarm history



NOTES

Press an alarm to view the details.

NOTES

The system can store up to 30 messages.

NOTES

The system allocates a code to each alarm.

Detailed description of alarm.

Alarm time and date

Alarm ID number

XX--XXXXXX XXXX--XXXXXX XXXX X

General alarm condition

DEFINITION OF ERRORS AND ALARM LEVELS

SYMBOLS



LEVEL

DESCRIPTION

High

Main problem for the machine.

Medium-high

The problem, which can be solved, requires the switching off of the machine to restore the normal operation.

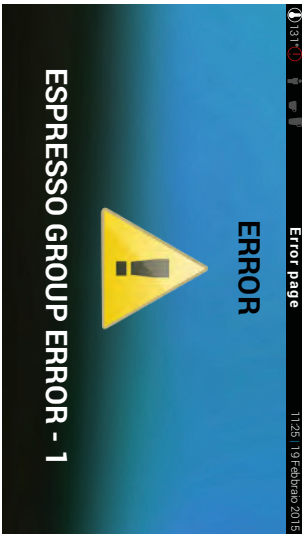

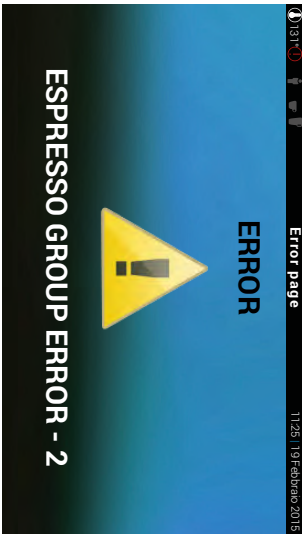

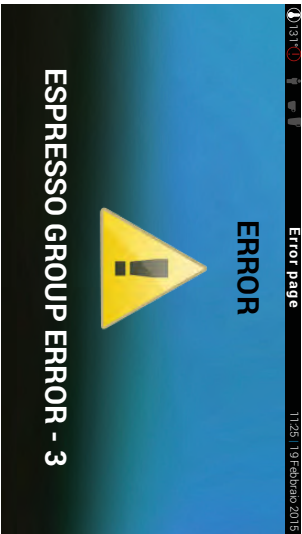

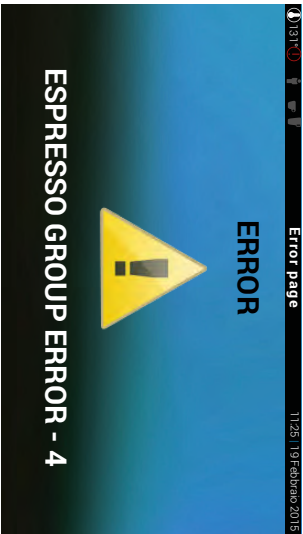

Medium-low

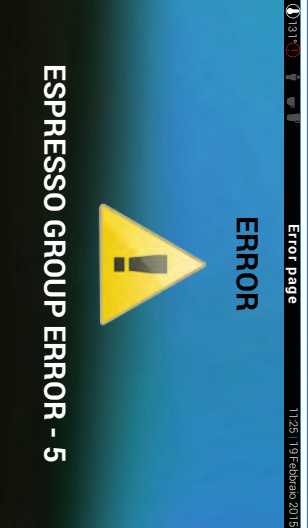



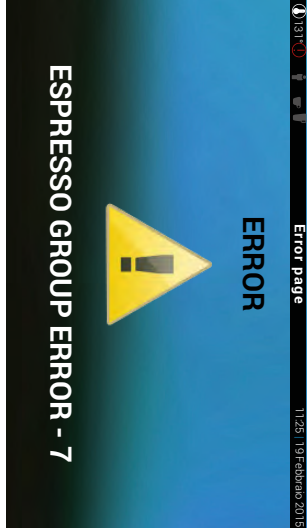

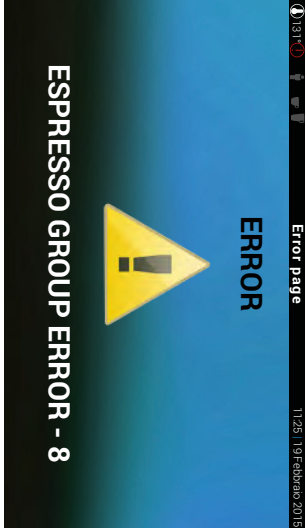

The problem, which can be solved, does not require the switching off of the machine. Normal operation is restored by solving the problem.

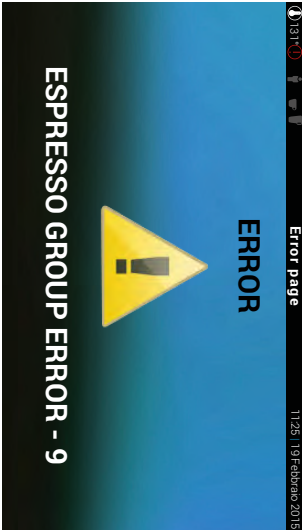

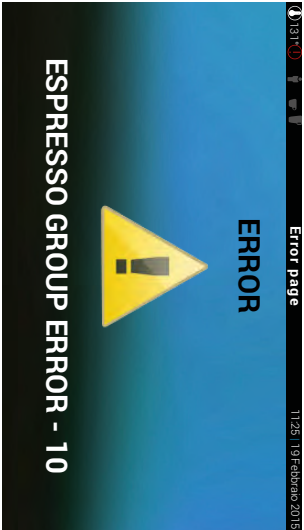





Low

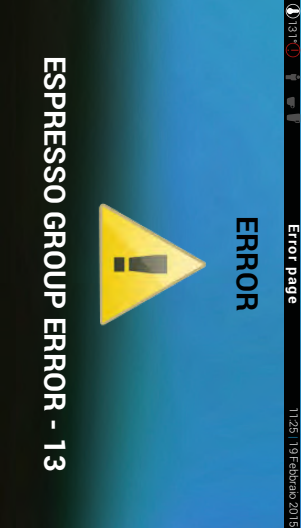

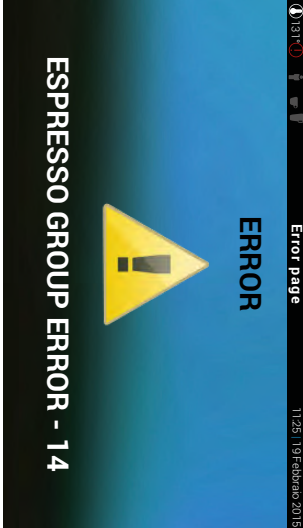

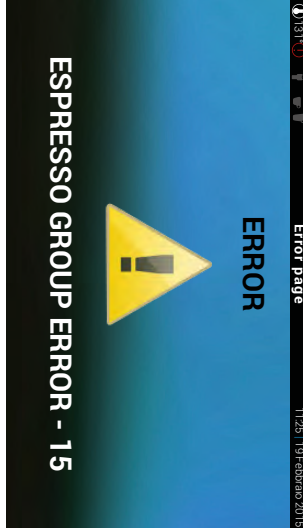

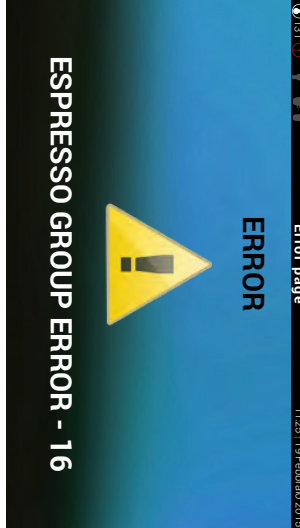

Warning message for the operator.

ESPRESSO UNIT ERRORS

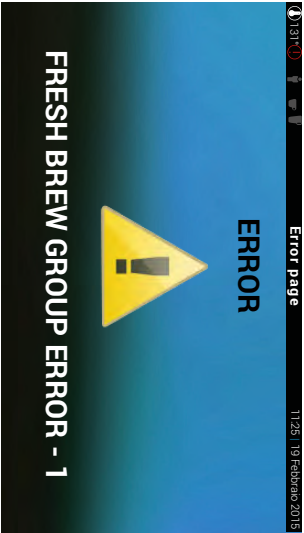

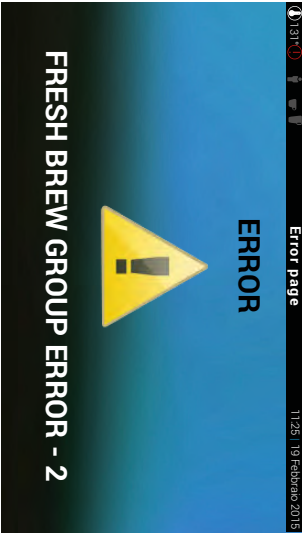

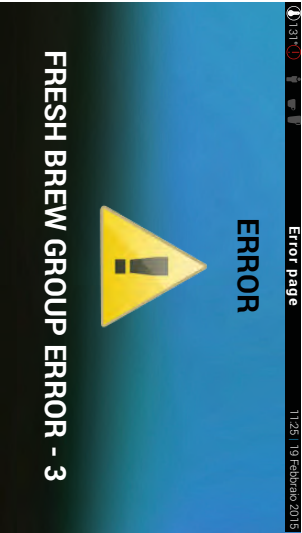

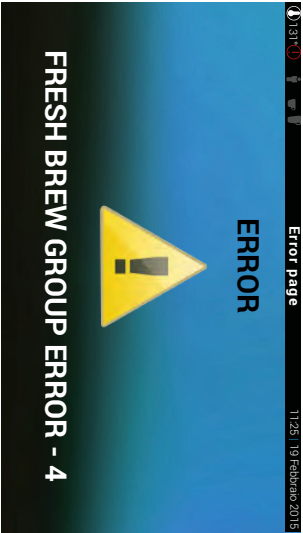

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 Mechanical failure during the return of the Espresso unit to the rest position.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the position of the Espresso unit. • If necessary, replace.
	 Mechanical fault during the return of the piston to the rest position.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the position of the piston. • If necessary, replace.
	 The piston encoder detects the wrong in-formation.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the encoder. • If necessary, replace.
	 Mechanical fault of the grounds discharge system.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper and lower front door. • Mechanical fault of the grounds discharge system.

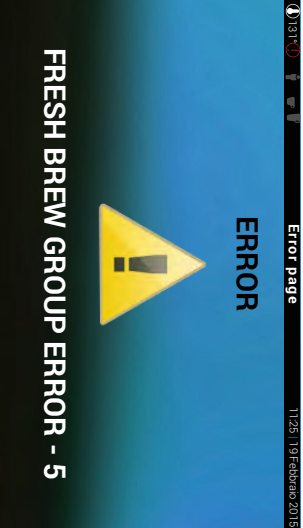

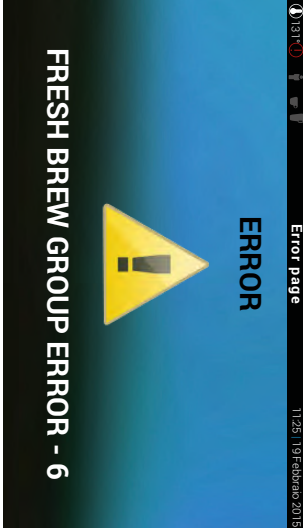

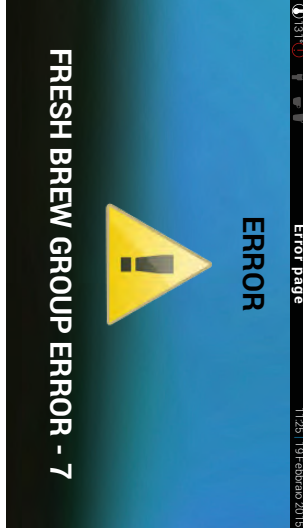

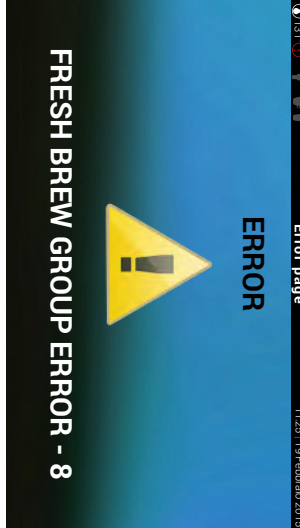

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 The piston encoder detects the wrong information.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the encoder. • If necessary, replace.
	 Mechanical fault during the ascent of the Espresso unit.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the position of the Espresso unit. • If necessary, replace.
	 Mechanical fault during the closing of the Espresso unit.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the Espresso unit. • If necessary, replace.
	 Electric fault of the closing system of the Espresso unit.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the Espresso unit. • If necessary, replace.

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 <p>The waiting time for the piston ascent has elapsed.</p>	<p>Dispensing not allowed</p>	<ul style="list-style-type: none"> • Open the upper front door. • Check the position of the piston. • If necessary, replace.
	 <p>The waiting time for water to the flowmeter has elapsed.</p>	<p>Missing water in the water circuit.</p>	<ul style="list-style-type: none"> • Remove the rear panel. • Check the flowmeter. • If necessary, replace.
	 <p>The waiting time of water from the flowmeter has elapsed.</p>	<p>Missing water in the water circuit.</p>	<ul style="list-style-type: none"> • Open the upper front door. • Remove the rear panel. • Check the flowmeter. • If necessary, replace.
	 <p>The waiting time for waste chute opening has elapsed.</p>	<p>Dispensing not allowed</p>	<ul style="list-style-type: none"> • Open the upper and lower front door. • Mechanical fault of the grounds discharge system.

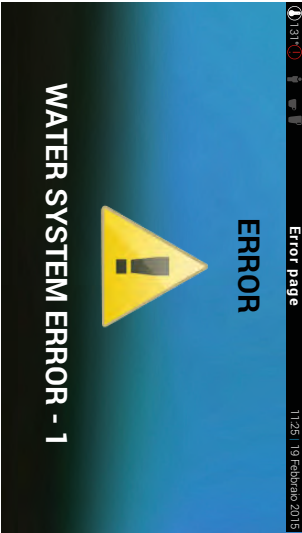

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 The waiting time for waste chute closing has elapsed.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper and lower front door. • Check the grounds discharge system.
	 The discharge waiting time has elapsed.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper and lower front door. • Check the grounds discharge system.
	 Mechanical fault during the return of the Espresso unit to the rest position.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the position of the Espresso unit. • If necessary, replace.
	 Mechanical fault during the return of the piston to the rest position.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the position of the piston. • If necessary, replace.

FRESH BREW UNIT ERRORS

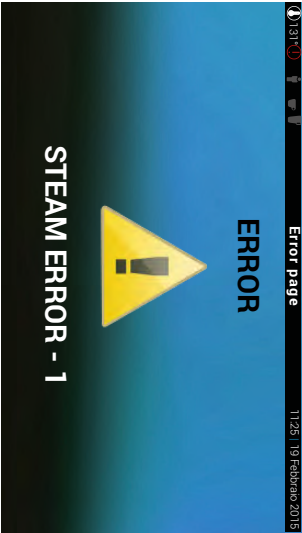

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 Mechanical fault during the re-start procedure.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.
	 0 position not detected by the sensor.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.
	 The opening waiting time for the Fresh Brew unit has elapsed.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.
	 The waiting time for the half opening of the Fresh Brew unit has elapsed.	Dispensing not allowed	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 <p>The waiting time for the filter closing has elapsed.</p>	<p>Dispensing not allowed</p>	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.
	 <p>The waiting time for the filter opening has elapsed.</p>	<p>Dispensing not allowed</p>	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.
	 <p>The waiting time for filter cleaning has elapsed.</p>	<p>Dispensing not allowed</p>	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.
	 <p>The water waiting time has elapsed.</p>	<p>Dispensing not allowed</p>	<ul style="list-style-type: none"> • Open the upper front door. • Check the Fresh Brew unit. • If necessary, replace.

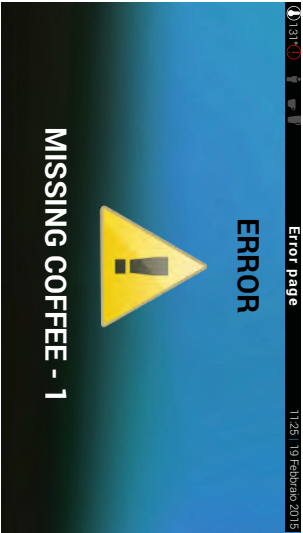

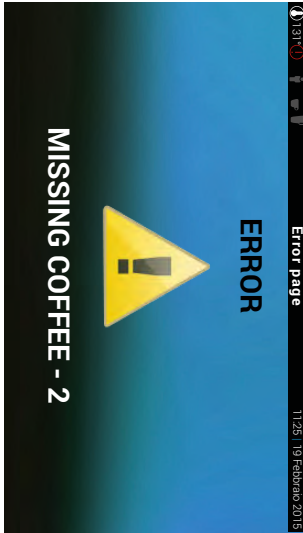

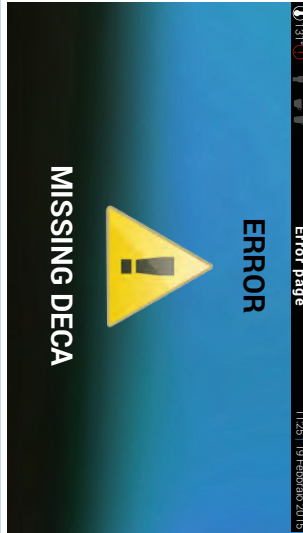

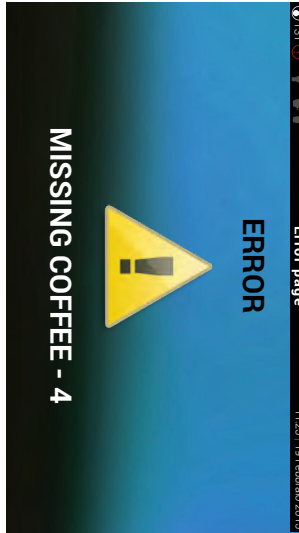

HOT WATER ERRORS

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 The waiting time for the hot water spout has elapsed.	Dispensing not allowed	<ul style="list-style-type: none"> • Switch the machine off. • Access the inner parts. • Check the outer water circuit. • Check the Air-Break filling. • If necessary, replace.

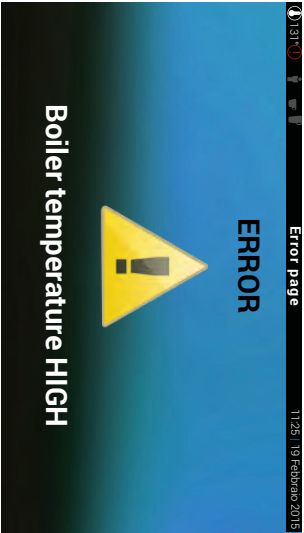

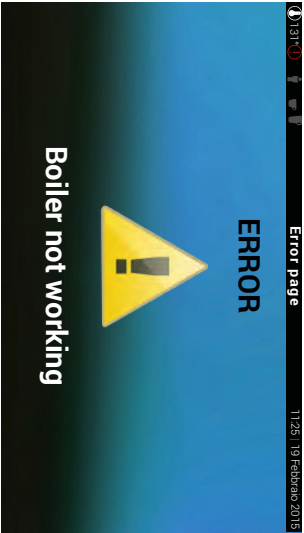

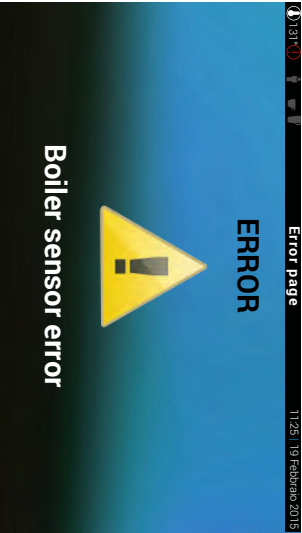

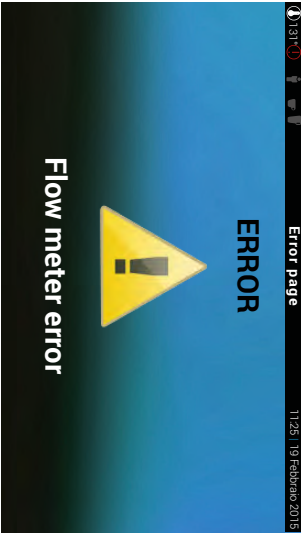

STEAM ERRORS

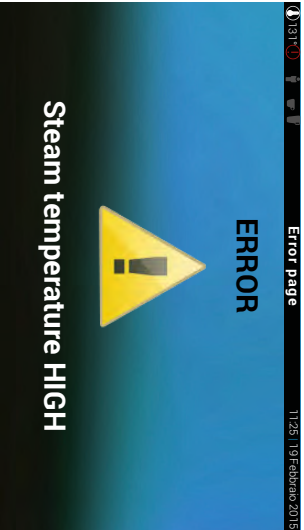

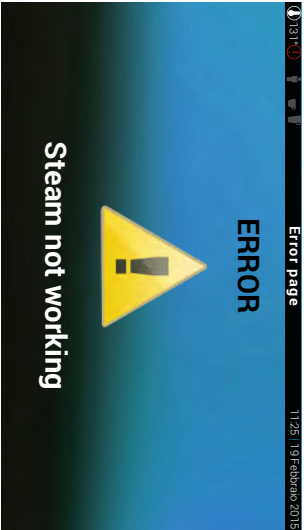

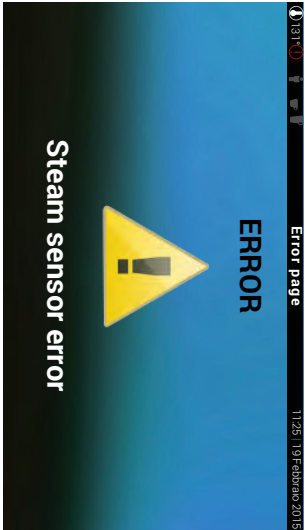

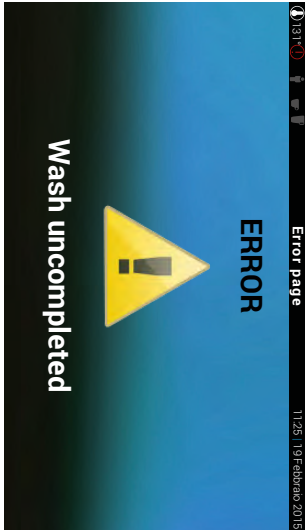

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 The heating waiting time has elapsed.	Dispensing not allowed	<ul style="list-style-type: none"> • Switch the machine off. • Access the inner parts. • Check the heating element. • If necessary, replace.

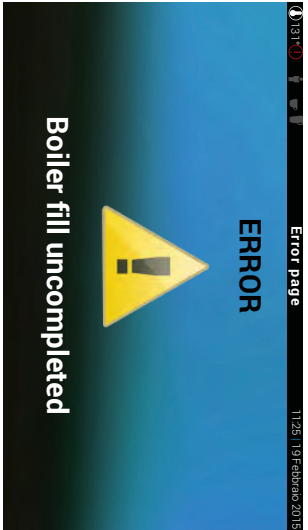

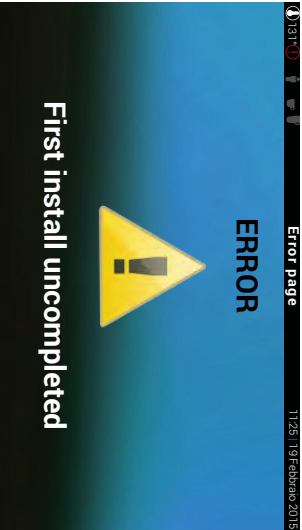

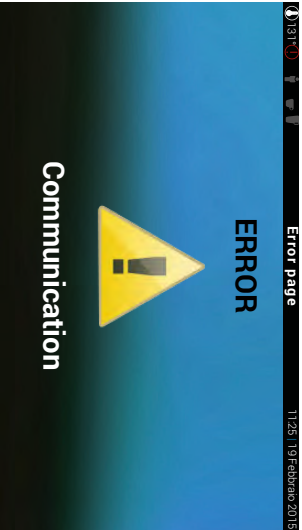

MISSING COFFEE ERRORS

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 Missing coffee beans in container 1.	Dispensing not allowed	<ul style="list-style-type: none"> • Insert the coffee beans in container 1. • Re-start the machine.
	 Missing coffee beans in container 2.	Dispensing not allowed	<ul style="list-style-type: none"> • Insert the coffee beans in container 2. • Re-start the machine.
	 A decaf drink was requested, but there are no products in the decaf compartment.	Dispensing not allowed	<ul style="list-style-type: none"> • Insert the decaf coffee. • The alarm resets automatically after 15 seconds.
	 Missing instant coffee.	Dispensing not allowed	<ul style="list-style-type: none"> • Insert the instant coffee into the relevant container. • Re-start the machine.


HIGH-LEVEL GENERAL ERRORS

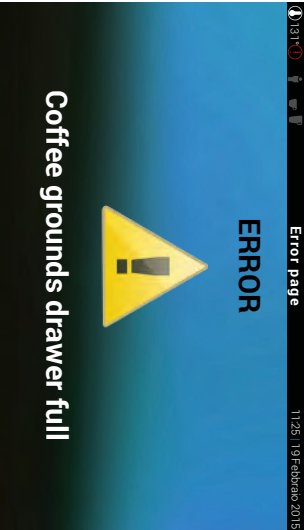

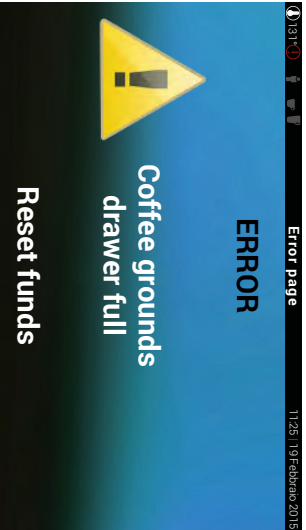



DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 Fault of boiler heating at too high temperature.	Machine jammed. totally	<ul style="list-style-type: none"> • Switch the machine off. • Check the boiler. • If necessary, replace.
	 Boiler operation fault.	Machine jammed. totally	<ul style="list-style-type: none"> • Switch the machine off. • Check the sensor. • If necessary, replace.
	 Boiler sensor fault.	Machine jammed. totally	<ul style="list-style-type: none"> • Switch the machine off. • Check the sensor. • If necessary, replace.
	 Flowmeter fault.	Machine jammed. totally	<ul style="list-style-type: none"> • Switch the machine off. • Check the flowmeter. • Check the machine set-up. • Check the water supply. • If necessary, replace.

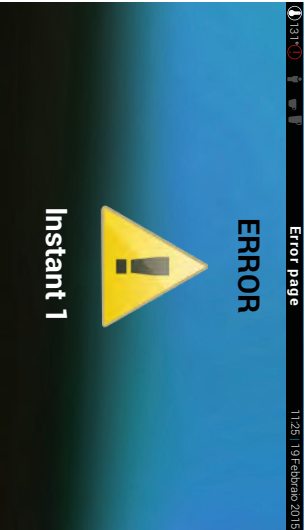


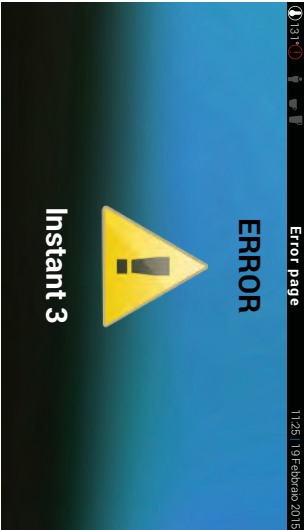
DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 Fault of steam dispensing at too high temperature.	Machine jammed. totally	<ul style="list-style-type: none"> • Switch the machine off. • Check the steam dispensing. • If necessary, replace.
	 Steam dispensing operation fault.	Machine jammed. totally	<ul style="list-style-type: none"> • Switch the machine off. • Check the steam dispensing. • If necessary, replace.
	 Steam dispensing sensor fault.	Machine jammed. totally	<ul style="list-style-type: none"> • Switch the machine off. • Check the steam dispensing. • If necessary, replace.
	 Wash uncompleted.	Machine jammed. totally	<ul style="list-style-type: none"> • Open the upper front door. • Close the upper front door. • Complete the washing procedure.

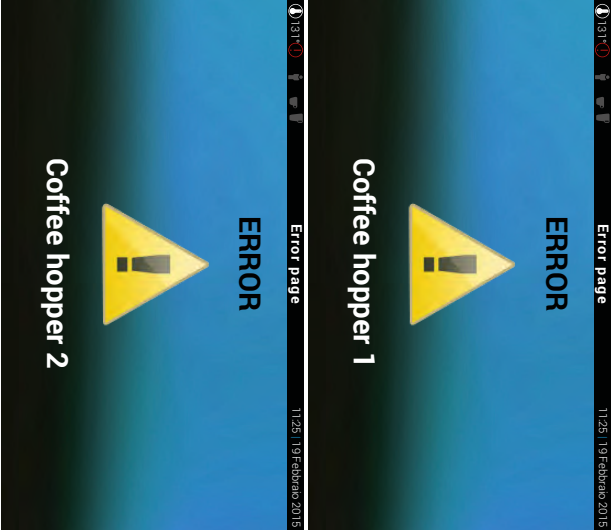

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 Boiler filling incomplete.	Machine jammed. totally	<ul style="list-style-type: none"> • Open the upper front door. • Close the upper front door. • Complete the boiler filling procedure.
	 First installation procedure incomplete.	Machine jammed. totally	<ul style="list-style-type: none"> • Open the upper front door. • Close the upper front door. • Complete the first installation procedure.
	 Electronic communication failure.	Machine jammed. totally	<ul style="list-style-type: none"> • Open the upper front door. • Close the upper front door. • Complete the first installation procedure.

MEDIUM-LOW LEVEL GENERAL ERRORS

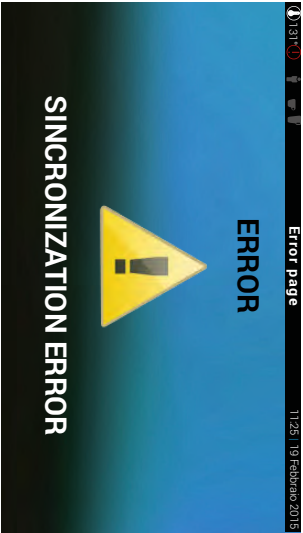

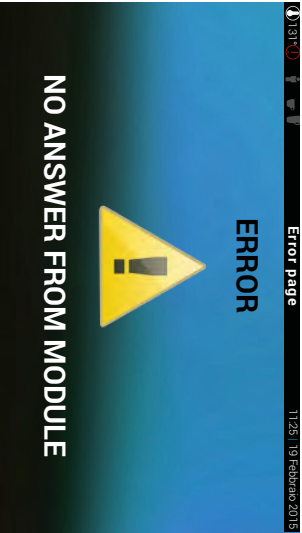

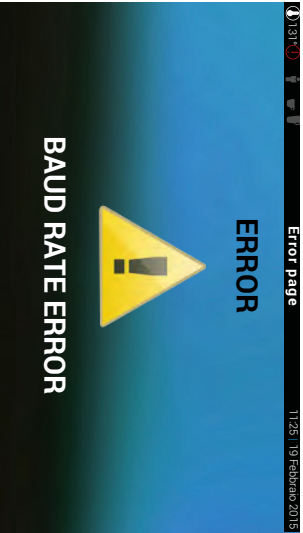

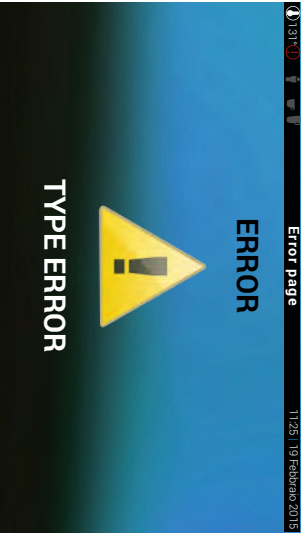

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 Liquid waste drawer not inserted or not inserted properly.	Machine block. function	<ul style="list-style-type: none"> Insert the drawer correctly.
	 Drip tray full.	Machine block. function	<ul style="list-style-type: none"> Remove the drip tray. Empty the drip tray. Re-insert the drip tray.
	 Minimum level of water in the tank.	Machine block. function	<ul style="list-style-type: none"> Carry out the procedure shown on the display.
	 Minimum level of water in the tank.	Machine block. function	<ul style="list-style-type: none"> Await the water filling in the Air-Break.



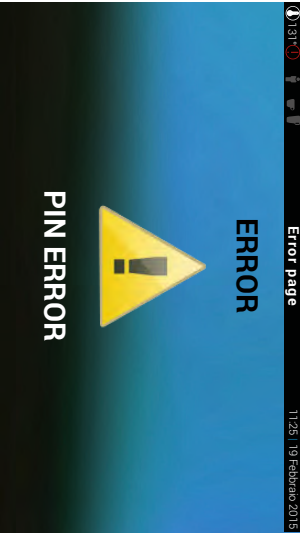

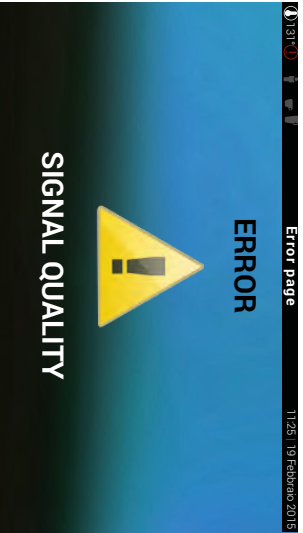

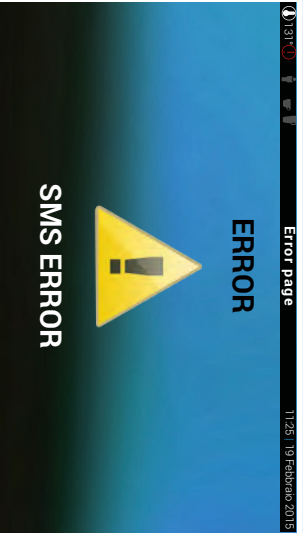

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 <p>When 25 dispensing operations for each unit and approx. 35 for the Fresh Brew unit are reached.</p>	<p>Machine function block.</p>	<ul style="list-style-type: none"> • Empty the drawer and wait at least 10 seconds before re-inserting it. • Re-start the machine.
	 <p>Having reached 25 dispensing per coffee unit and approx. 35 for the Fresh Brew unit.</p>	<p>Machine function block.</p>	<div>  <div> NOTES <p>This message is visible only if the "Door locked" parameter is enabled.</p> <ul style="list-style-type: none"> • Open the front door (the machine stops automatically). • Empty the drawer, and then close the front door (the machine starts automatically). • Reset the counter by pressing  when this message appears. </div> </div>

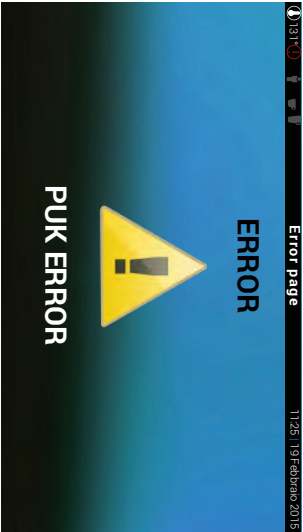

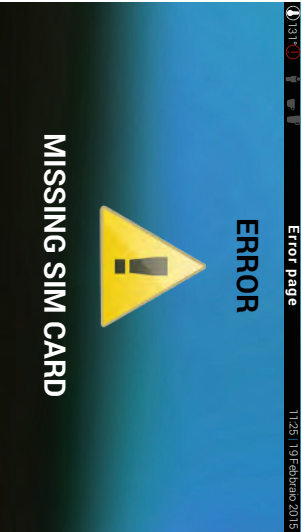

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
			
	 <p>Instant product containers not inserted or not inserted properly.</p>	Machine function block.	<ul style="list-style-type: none"> Insert the instant product container(s) properly.
			

DISPLAY	POSSIBLE CAUSE	EFFECT	INTERVENTION
	 <p>Coffee containers not inserted or not inserted properly.</p>	Machine function block.	<ul style="list-style-type: none">• Insert the instant product container(s) properly.

GSM ERRORS

DISPLAY	POSSIBLE CAUSES	EFFECT	INTERVENTION
	 <p>The module does not respond correctly to the base.</p>	<p>GSM module function block. The machine operates without the GSM module.</p>	<ul style="list-style-type: none"> • Check to ensure that the module is connected correctly.
	 <p>The module does not respond.</p>	<p>GSM module function block. The machine operates without the GSM module.</p>	<ul style="list-style-type: none"> • Check to ensure that the module is connected correctly.
	 <p>Communication settings error.</p>	<p>GSM module function block. The machine operates without the GSM module.</p>	<ul style="list-style-type: none"> • Check communication settings.
	 <p>Communication settings error.</p>	<p>GSM module function block. The machine operates without the GSM module.</p>	<ul style="list-style-type: none"> • Check communication settings.

DISPLAY	POSSIBLE CAUSES	EFFECT	INTERVENTION
	 No network.	GSM module active. Network connection error. The machine operates without the GSM module.	<ul style="list-style-type: none"> • Move GSM module so as to restore the connection.
	 Incorrect PIN entered.	SIM card authentication error. The machine operates without the GSM module.	<ul style="list-style-type: none"> • Check the PIN entered.
	 The signal quality is too low (<5%) or network error.	GSM module active and operating correctly. No data are being transmitted.	<ul style="list-style-type: none"> • Move GSM module so as to restore the connection.
	 SMS send error.	GSM module active and operating correctly. No data are being transmitted.	<ul style="list-style-type: none"> • Make sure the connection signal is good quality.



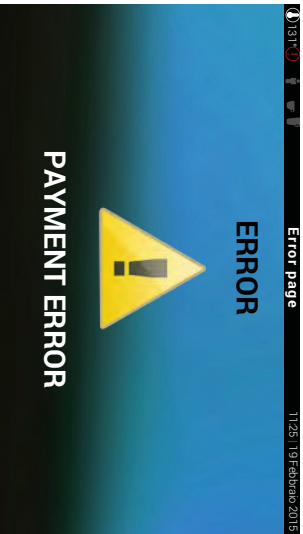



DISPLAY	POSSIBLE CAUSES	EFFECT	INTERVENTION
	 The PUK code is re-quired.	GSM module SIM card block. The machine operates without the GSM module.	<ul style="list-style-type: none"> Enter the correct PUK code for the SIM.
	 SIM card not found.	GSM module function block. The machine operates without the GSM module.	<ul style="list-style-type: none"> Insert the SIM card correctly in its slot on the GSM module.



WARNING

If the problems persist, refer to the specific GSM document.

MDB ERROR

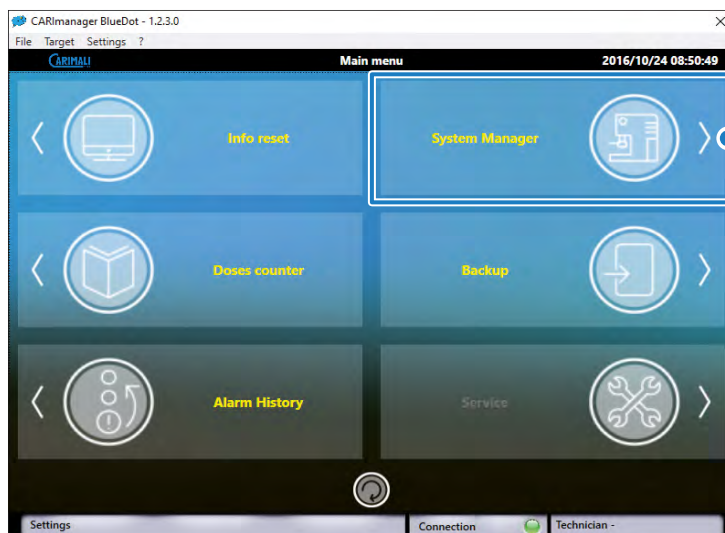
DISPLAY	POSSIBLE CAUSES	EFFECT	INTERVENTION
	 The module is not responding correctly to the base command request.	MDB system function block. The machine operates without the repayment system.	<ul style="list-style-type: none"> • Check to ensure that the module is connected correctly. • Check the operating conditions of the MDB.
	 The payment process is not successful.	MDB system function block. The machine operates without the payment system.	<ul style="list-style-type: none"> • The machine was unable to make payment. Check the credit or any other anomalies signalled by the connected MDB module.
	 The module is not able to deliver change if the coin return option is not active.	MDB system function block. The machine operates without giving change. <div> NOTES This screen flashes on the display for 3 seconds every 30 seconds </div>	<ul style="list-style-type: none"> • Refill the coins inside the tubes. • Re-start the machine.

WARNING

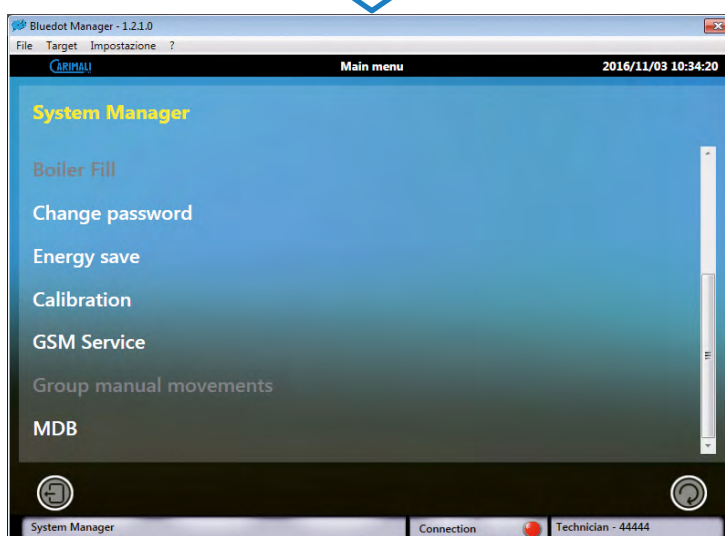
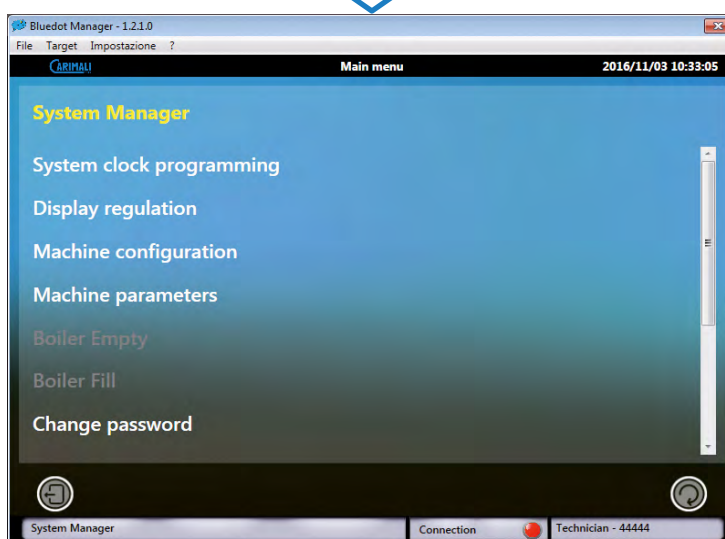
If the problems persist, refer to the specific MDB system document.



7.1.4.4 System manager

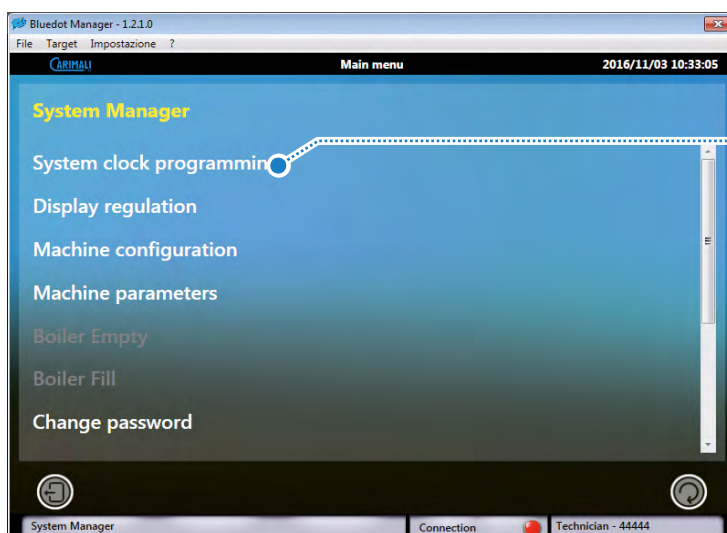


System Manager
access button.





SYSTEM CLOCK PROGRAMMING



Press to access the System clock programming menu.



Set the number of the year.

Set the number of the month.

Set the number of the day.

Set the number of the day of the week.

Set the number of hours.

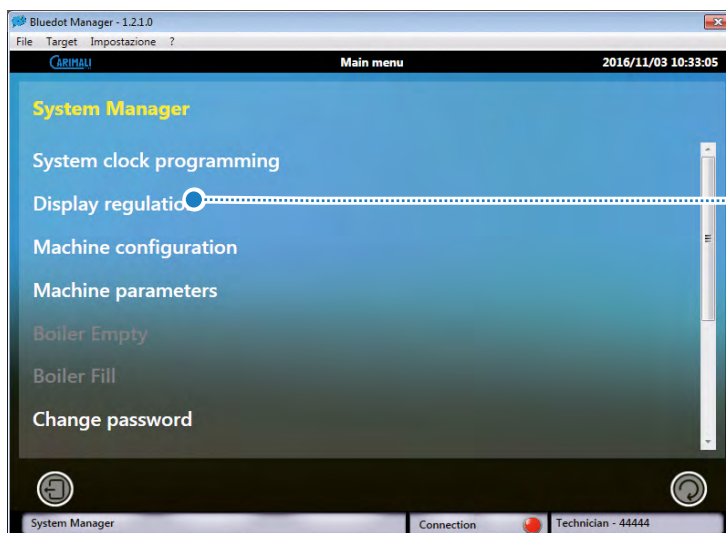
Set the number of minutes.

Press to confirm the changes made.





REGULATION BRIGHTNESS



Select to access display adjustments.



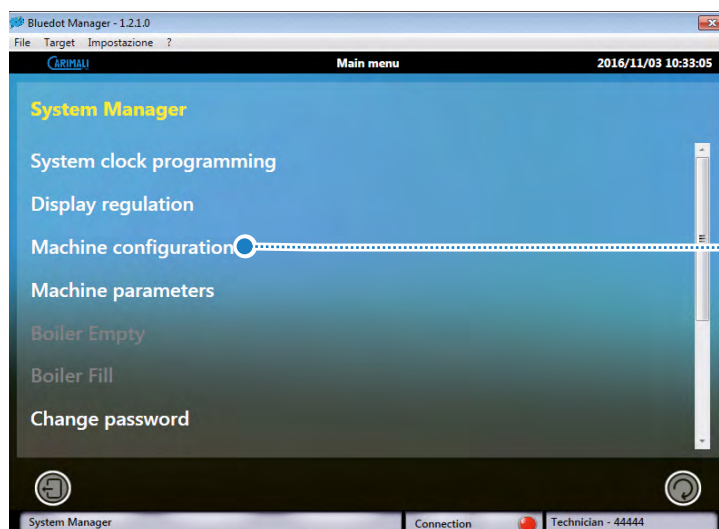
Adjust display brightness. Adjustment range 0 - 100.

Press to confirm the changes made.

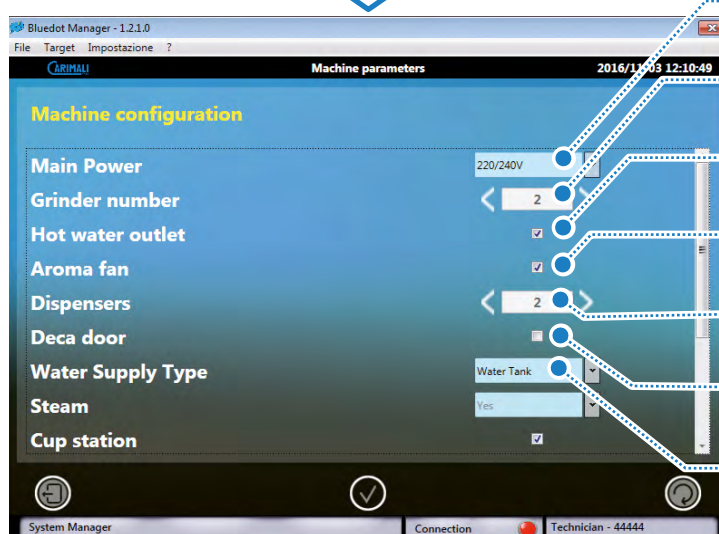




CONFIGURATION



Press to access the machine configuration menu.



Set the electrical supply of the machine to 220/240V or 110V.

Set the number of grinders.

Set the possibility to deliver hot water (yes -no).

Set the presence of the aroma fan (yes -no).

Set the number of solubles (0-2-3).

Set the presence of the deca drink insert door (yes-no).

Set the type of water supply for the machine (tank-mains water connection).



Set the presence of the steam dispenser (yes-no).

Set the presence of the cup protection door (yes-no).

Set the type of communication interface (NO - Wi-Fi - Modem Cell).

Set the cup presence / height (yes-no).

Enable or disenable the blocking of the door (yes-no).

MDB system presence settings (yes-no).

ES grounds compactor presence setting (yes-no).

Press to confirm the changes made.





NOTES

Enabling the “Cup station” function, the machine software will check to ensure the door is closed and if this is not the case, it will request closure.



NOTES

The settings of the cup sensors are applied to all enabled drinks.



NOTES

Enabling the “Door locked” parameter produces variations in operations and in the messages on the display.



WARNING

If the “Door locked” function is active, the front door cannot be split between top and bottom, but it is a single piece and to open it, the lock must be released.



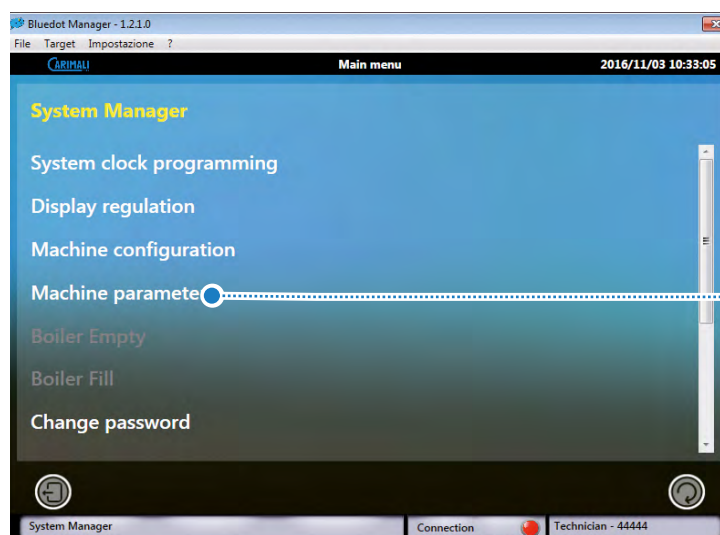
WARNING

The settings for the devices present can change the possibility to set some data even on other pages.





MACHINE PARAMETERS



Select to access the machine parameters menu.



Language setting (main).

Language setting (additional).

Set the boiler's working temperature (80°C - 98°C).

Set the steam temperature (20°C - 150°C).

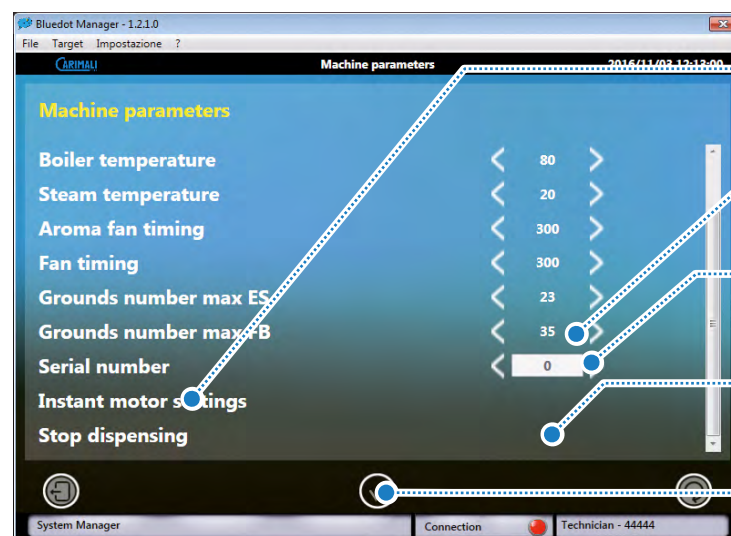
Set the operating temperature of the aroma fan. (0-600).

Set the operation time of the cooling fan (0-600).

Set the maximum number of Espresso grounds (0-75).

NOTES

Recommended value: 75 for 7 grams and 40 for 14 grams.



Press to access the settings for instant drink container motors.

Set the maximum number of Fresh Brew grounds (0-35).

Machine serial number setting.

Manual delivery stop setting (yes no).

Press to confirm the changes made.

NOTES

The manual delivery stop is not instant, but occurs when the system detects a safe situation.





Instant drink motor speed setting (2-3).

NOTES

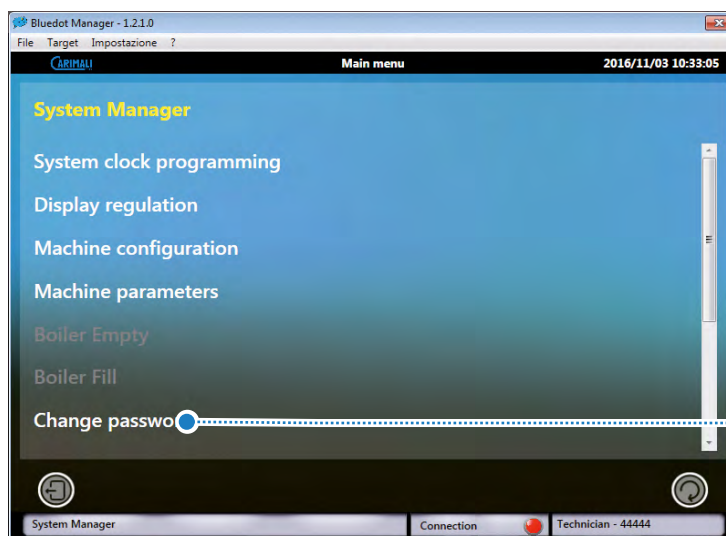
Set the speed for the instant product motors according to the type of product to be dispensed.

Both levels are set according to the maximum speed of the motor and a equivalent to:

2= 70%

3= 30%

CHANGE PASSWORD



Select to access the password change function.



Press to confirm the changes made.

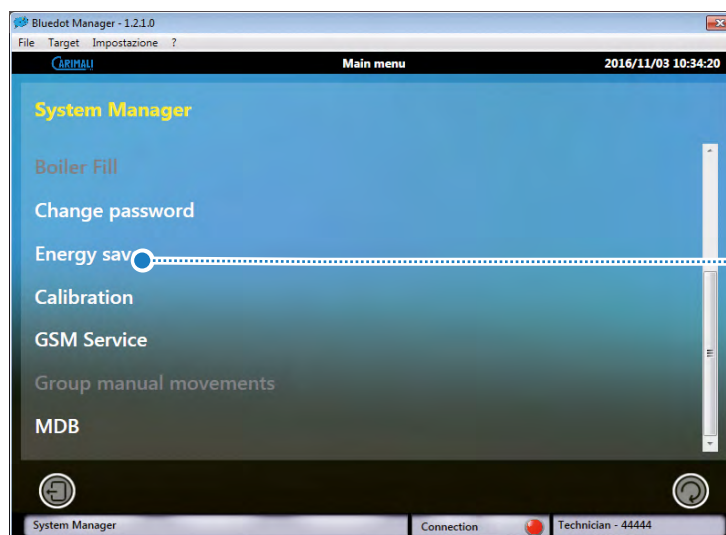
WARNING

It is possible to change only the password selected according to access made or underlying levels.





ENERGY SAVE



Select to access the Energy saving menu.



Enable/disable the energy saving.

Time (minutes) of energy saving activation (1-300).

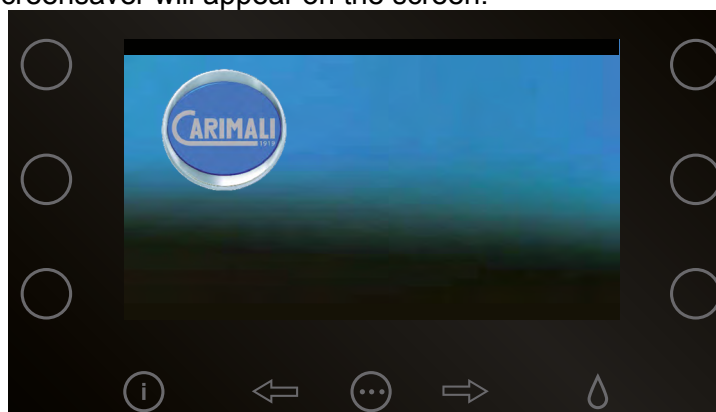
Boiler temperature (°C) in Energy saving mode (20°-80°).

Press to confirm the changes made.

Once enabled, the Energy Save feature will be applied only when the machine is powered on. The software will check if the energy save is working constantly based on five conditions:

- User presence, if a user is not being detected.
- Cup presence, if a cup is not being detected.
- Timer Timeout, based on a field "time setting" configured before.
- Drink selection, if a drink is not being dispensed.
- Button touch, if a button has not been pressed.

If all of these conditions are valid, the energy save runs and a screensaver will appear on the screen.



The energy save will be maintained until one of the listed condition is no longer valid. At the return from the energy save, the boiler and steam heating screen will show while the boiler and the steam boiler return to dispense threshold set point.

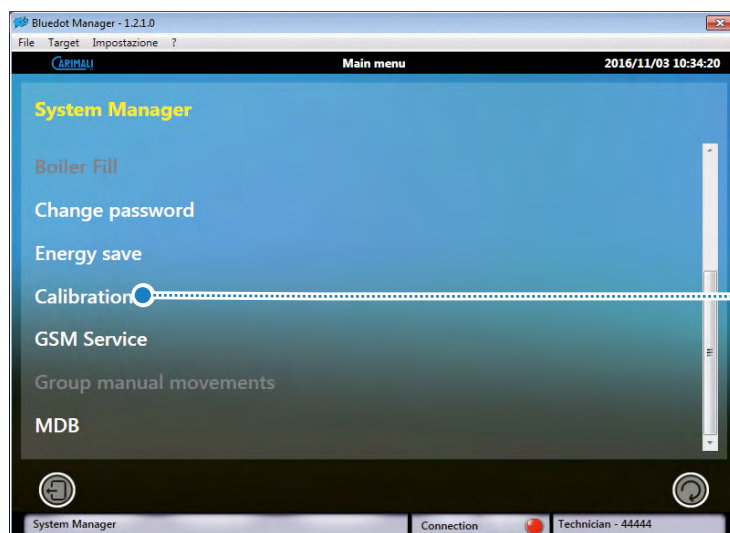


CALIBRATION



NOTES

Setting to be assessed only if the “cup height” and “user presence” sensors are present and enabled.



Select to access the calibration menu.



Adjustment of the high cup sensor threshold.

Adjustment of the low cup sensor threshold.

Adjustment of the user sensor threshold.

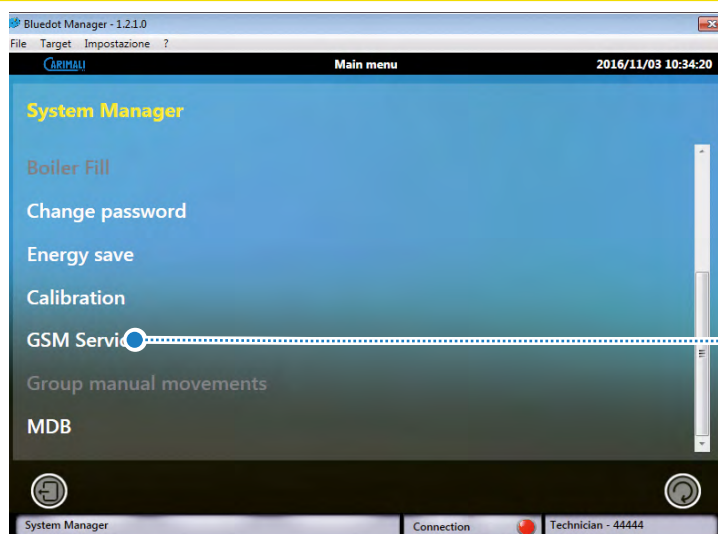
Press to confirm the changes made.



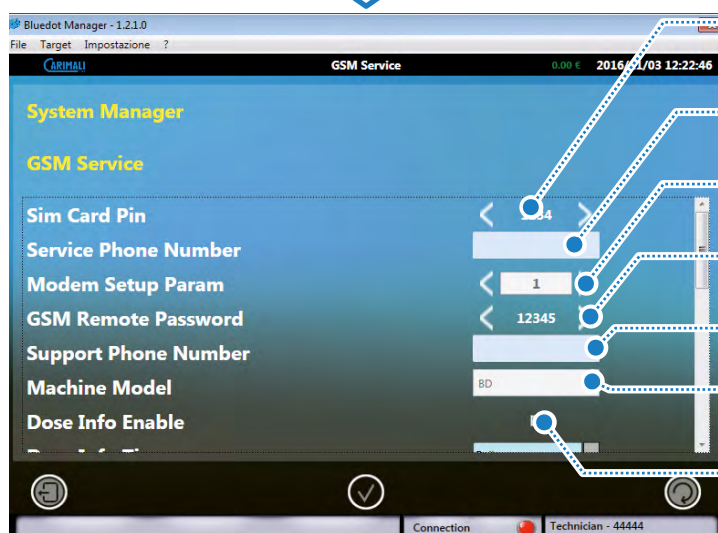
GSM SERVICE

WARNING

To enable the GSM settings menu, it is necessary to set the "Communication interface" to "Modem cell" from the Machine configuration" menu.



Press to access the GSM Service menu.



SIM card Pin setting.

Support service telephone number setting.

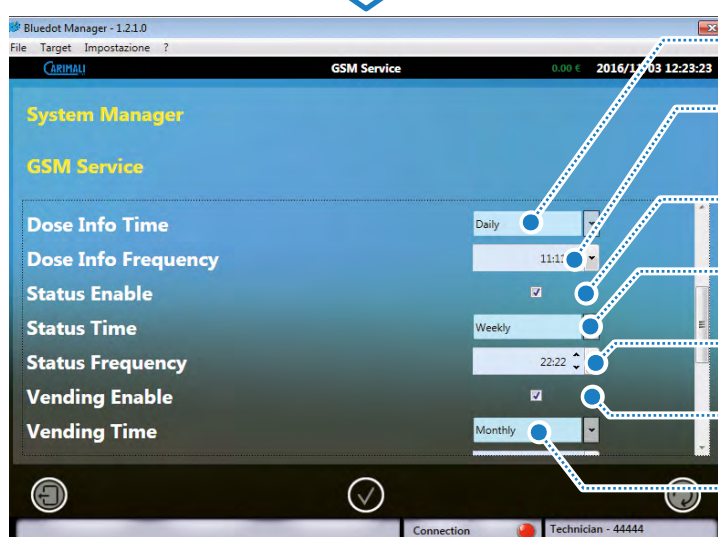
Modem parameter setting.

GSM remote connection password setting.

Technical support service telephone number setting.

Machine model setting.

Setting to enable dose information transmission to support.



Setting for dose information transmission intervals.

Setting for dose information transmission times.

Setting to enable machine status transmission.

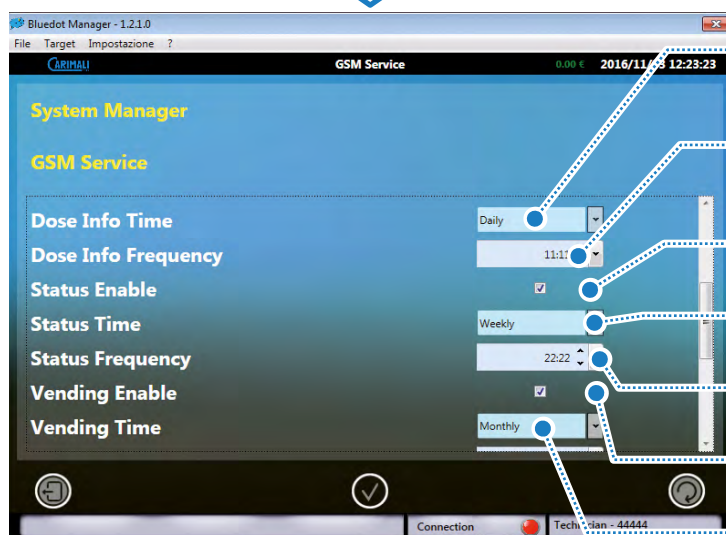
Setting for machine status transmission frequency.

Setting for machine status transmission time.

Setting to enable sales transmission to support.

Setting for sales transmission frequency to support.





Setting for dose information transmission intervals.

Setting for dose information transmission times.

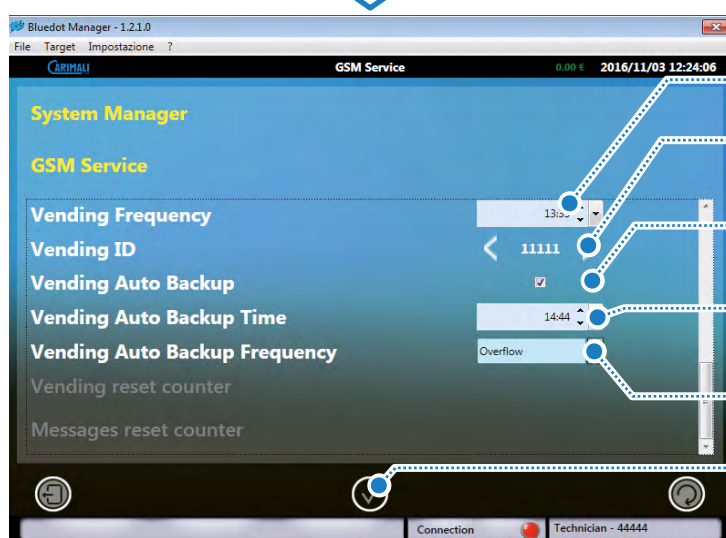
Setting to enable machine status transmission.

Setting for machine status transmission frequency.

Setting for machine status transmission time.

Setting to enable sales transmission to support.

Setting for sales transmission frequency to support.



Setting for sales data transmission time.

ID/Sales setting.

Enabling of auto backup of sales to the microSD memory.

Auto backup time setting.

Auto backup frequency setting.

Press to confirm the changes made.

NOTES

The system is set to make an automatic backup on the first day of the week if this function is enabled.

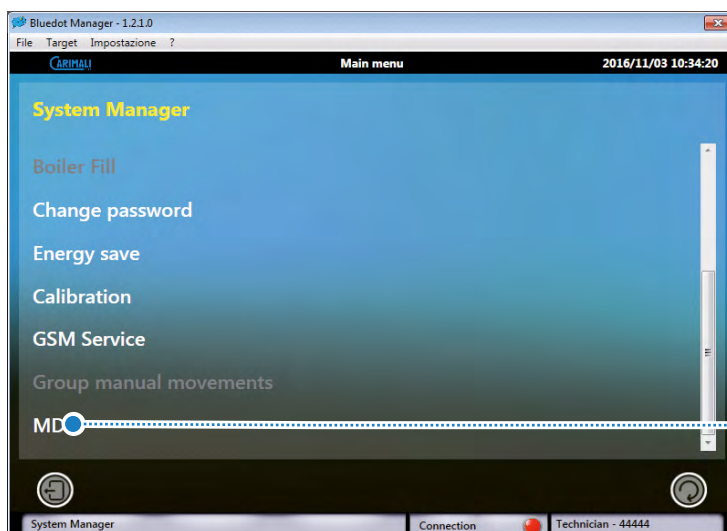
NOTES

The stored backup file will be called "vendingdatauserXX.txt", where XX is the number of saves or the week, according to the set frequency.
The file is inside the "DATA" directory and can contain up to 600 lines of sales data.

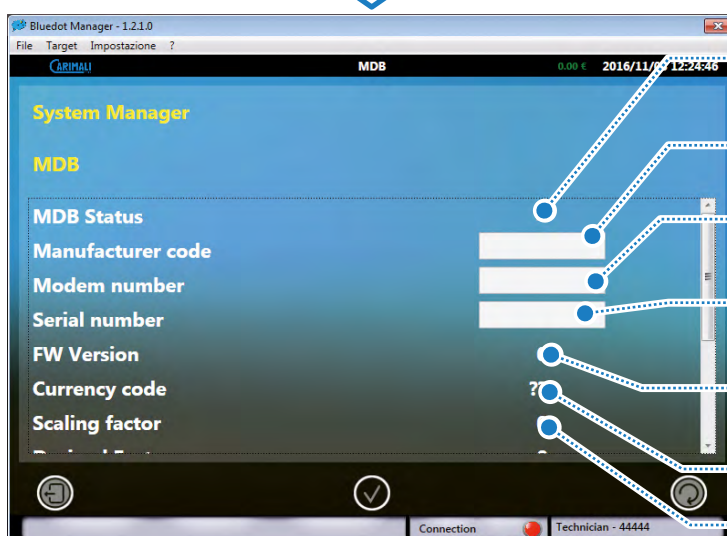




MDB



Press to access the MDB menu.



MDB enable status display.

Manufacturer's code display.

Modem number display.

Serial number display.

Firmware version display.

Currency display.

Scale factor display.



Decimal factor display.

Minimum currency piece display.

Sales method enable setting.

Change dispenser enable setting.

Max. accepted credit setting.

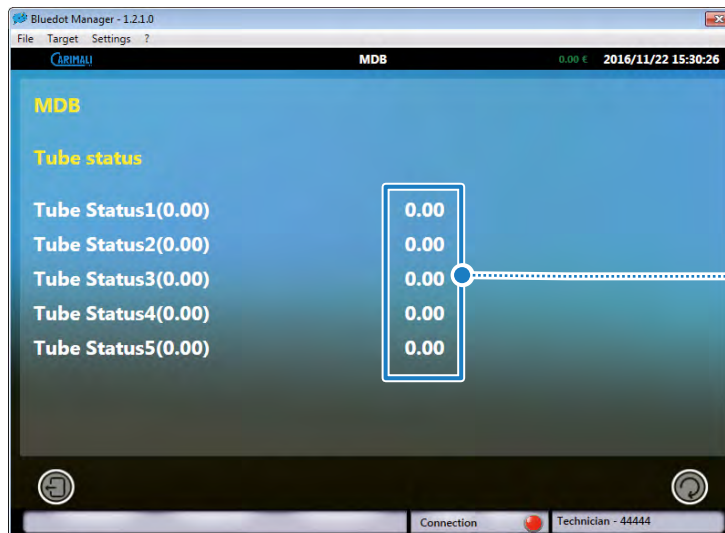
Change tube status display.

Press to confirm the changes made.





TUBE STATUS

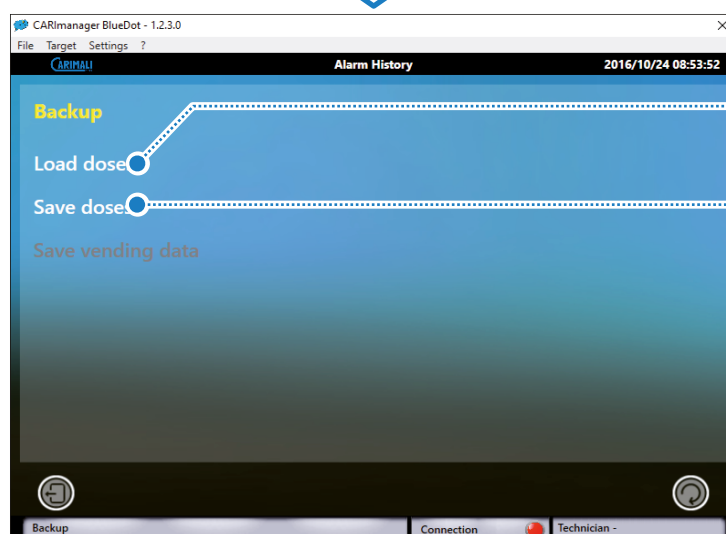


Shows the number of coins in the MDB system tube to be used to give change.

7.1.4.5 Backup



Backup menu access button.



Press to upload the doses from a device.

Press to save the doses to a device.

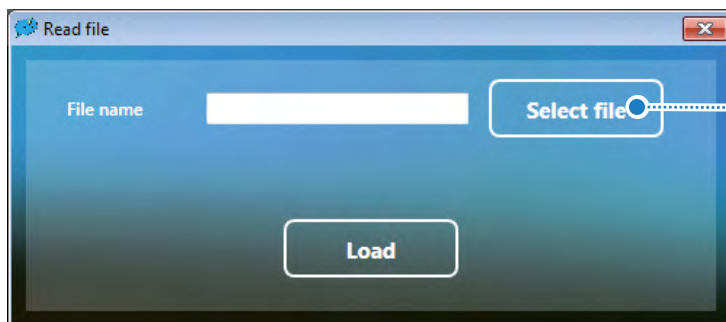


LOAD DOSES

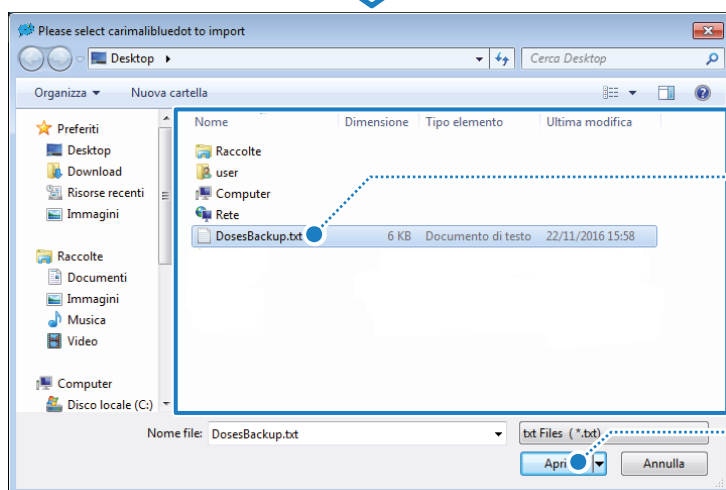
ATTENTION

To be recognised by the machine, the backup file must necessarily be named "dosesbackup.txt".
This file includes all doses set, but not the configurations.

Press on "Load doses".
This will open the following screen.

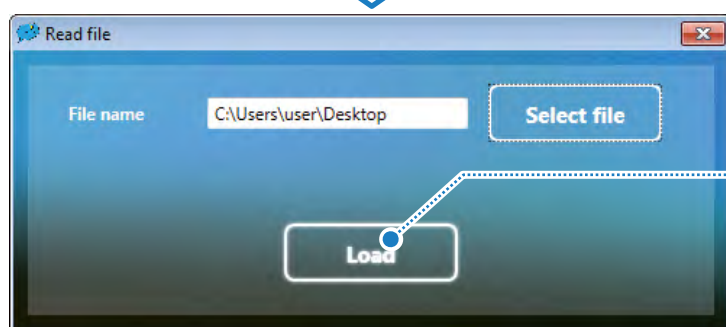


Press to open the backup file search screen.



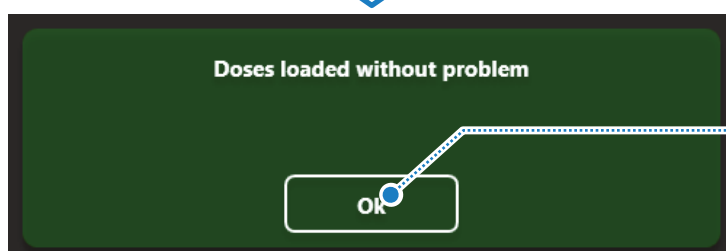
Select the backup file to upload.

Press to confirm.



Press to load files.

If the backup is loaded successfully, the following screen will be displayed.



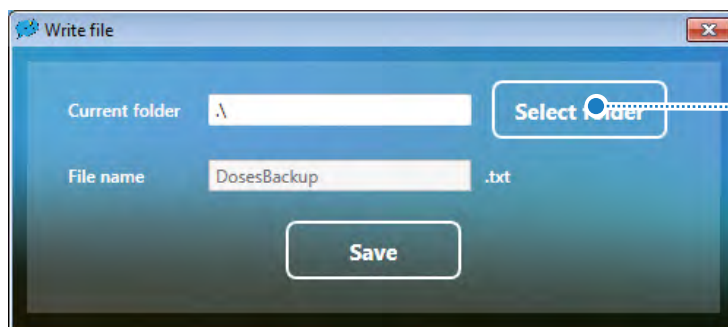
Press to close the window.



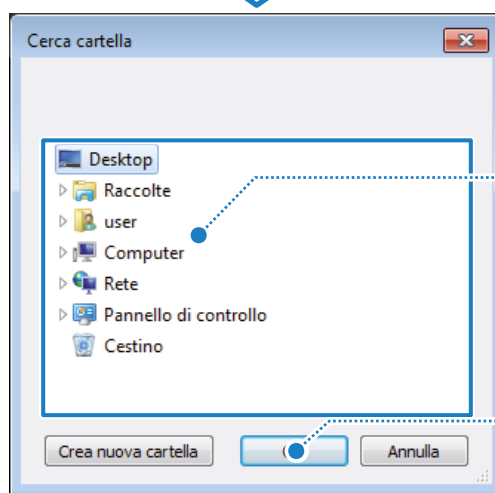


SAVE DOSES

Press on "Save doses".
This will open the following screen.

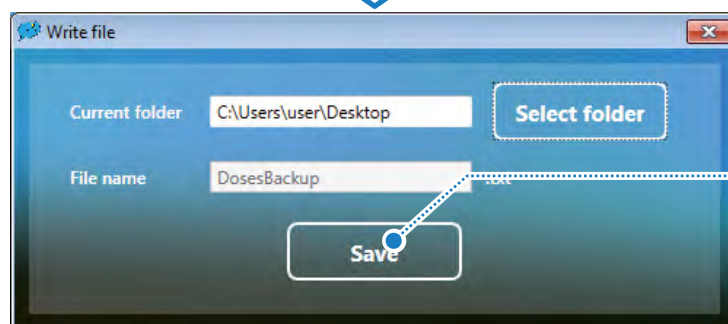


Press to select the directory for saving the dose backup files.



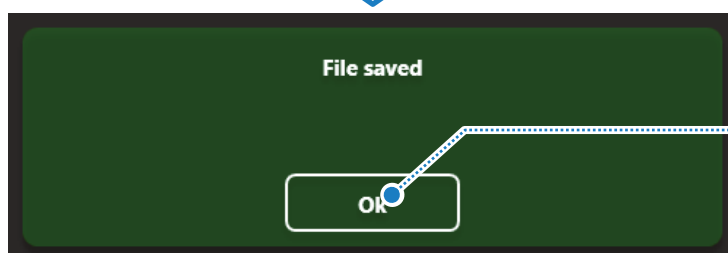
Select the directory for saving the backup files.

Press to confirm.



Press to save files.

If the saving is successful, the following screen will be displayed.



Press to close the window.

7.2 OFFLINE

The user can establish the type of device, the physical components present in it, and the doses to set.

At the end of the procedure, the user can save and keep the settings or apply them to a compatible machine using a microSD support.



Press to access OFFLINE mode and the screen used to select the type of machine.



7.2.1 MACHINE TYPE SELECTION



Select the machine configuration from:

- Espresso
- Fresh Brew
- Tea Brew
- Espresso and Fresh Brew
- Espresso and Tea Brew



WARNING

The machine configuration will influence and decided on the available settings.

Key:

E: Espresso brewer
 F: Fresh Brewer
 EF: Espresso brewer + Fresh Brewer
 ET: Espresso brewer + Tea Brewer
 M MILK
 S: Instant products / Tea containers
 G: Grinder
 X: Mixer
 WT: Water tank
 WM: Water connection
 WJ: Wildcard water supply

	Brewer	Fresh Milk	G	S	X	Water supply
ESPRESSO BREWER						
BlueDot	E	0M	1G	0S	0X	WT - WM - WJ
BlueDot	E	0M	1G	2S	2X	WT - WM - WJ
BlueDot	E	0M	2G	2S	2X	WT - WM - WJ
BlueDot	E	1M	2G	0S	0X	WT - WM - WJ
BlueDot	E	1M	1G	2S	2X	WT - WM - WJ
BlueDot	E	1M	2G	2S	2X	WT - WM - WJ
BlueDot	E	1M	1G	3S	2X	WT - WM - WJ
BlueDot	E	0M	1G	3S	2X	WT - WM - WJ
FRESH BREWER						
BlueDot	F	0M	2G	0S	0X	WT - WM - WJ
BlueDot	F	0M	1G	2S	2X	WT - WM - WJ
BlueDot	F	0M	2G	2S	2X	WT - WM - WJ
BlueDot	F	1M	2G	0S	0X	WT - WM - WJ
BlueDot	F	1M	2G	2S	2X	WT - WM - WJ
ESPRESSO + FRESH BREWER						
BlueDot	EF	0M	2G	0S	0X	WM
BlueDot	EF	1M	2G	0S	0X	WM
ESPRESSO + TEA BREWER						
BlueDot	ET	0M	2G	2S	0X	WM
BlueDot	ET	1M	2G	2S	0X	WM

NOTES

See the diagram on the following page for more information.





7.2.2 MACHINE CONFIGURATION



NOTES

The description of the configuration layout is the same for all types.

For example, if we look at the espresso.



Select the machine configuration.

Settings:

- Milk system present
- Number of grinders
- Number of instant drink containers
- Number of mixers

Press at the end of the configuration to proceed.



NOTES

The machine graphics on the display will vary according to settings.



7.2.3 DOSE SETTINGS



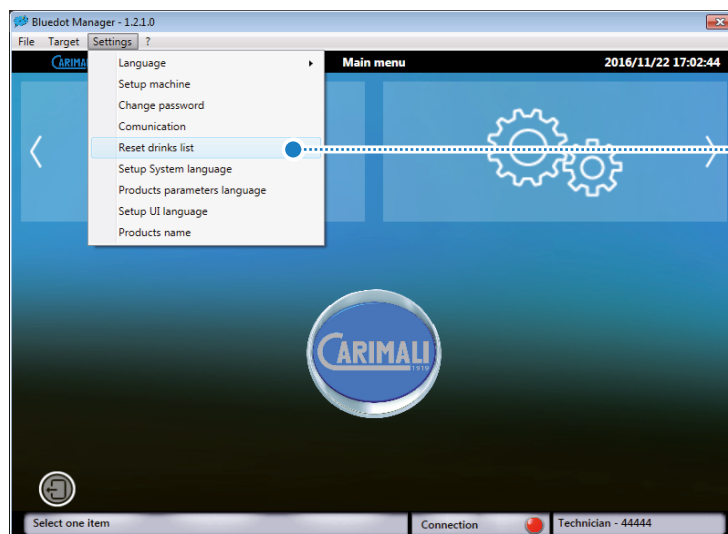
NOTES

Doses can all be adjusted following the same process.

ATTENTION

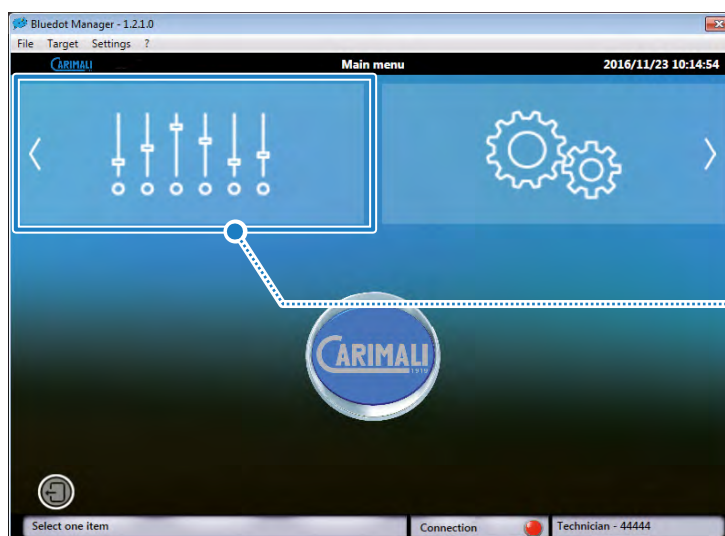
Default doses are pre-loaded, according to the type of machine chosen and configured.

To empty all recipe fields:



Press to delete all the recipes pre-loaded by default.

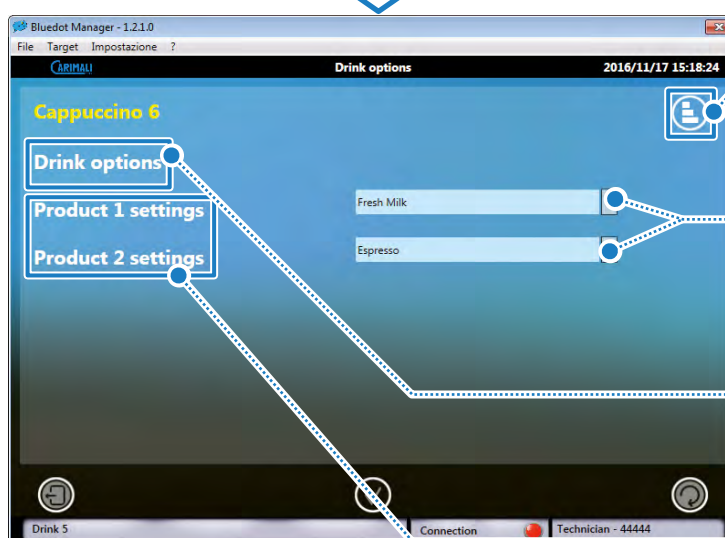




Dose setting access button.



Select the drink for dose setting.



Press to access the delivery graphic for the products that the drink is comprised of.

According to the set machine configuration, the available product types for selection are:

- Espresso
- Fresh Brew
- Instant product
- Fresh milk
- Water

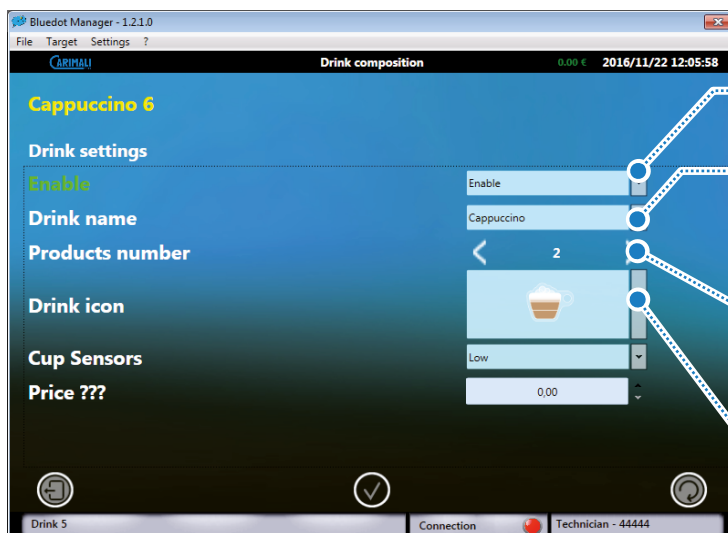
Press to access the drink settings.

Press to access the parameter setting page of the products that the drink is composed of.





DRINK OPTIONS



Enables/disables the drink, or makes it "empty".

Selection of the name of the beverage from a list provided by the manufacturer.

Selection of the number of products (from 1 to 3) that make up the beverage to be delivered.

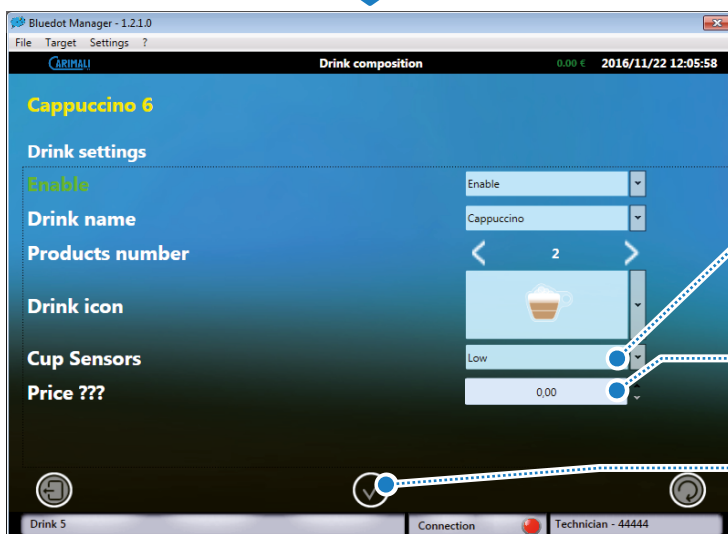
Selection of the icon of the beverage from a list provided by the manufacturer.



NOTES

The name of the drink can be changed from the "Settings / product name" menu.

For more information, please refer to the relevant chapter.



Selection of the sensor (high, low, jolly) to use to enable the delivery of the drink.

Selecting the price of the drink.
If set to "0.00" the drink is delivered free of charge.

Press to confirm the changes made.



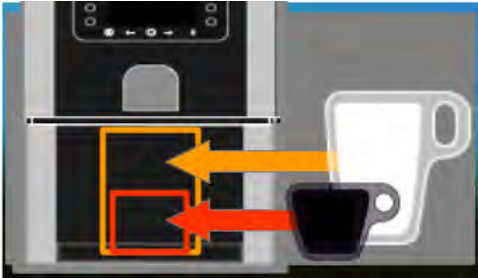


NOTES

The "Cup sensor" option can only be viewed if "Cup station" is enabled in the default "Machine configuration" menu and set on the Jolly.





SENSOR	DISPLAY	OPERATION
Low		Allows the distribution of a short cup drink placed in correspondence with the lower cup sensor.
High		Allows the distribution of a long cup drink placed in correspondence with the higher cup sensor, or short cup drink placed in correspondence with the higher cup sensor when the Cup Station is not present.
Jolly		Allows the distribution of any cup drink placed in correspondence with the lower or the higher cup sensor.



NOTES

The “Price” option is only visible if the “MDB” function is enabled in the “Machine configuration” menu.

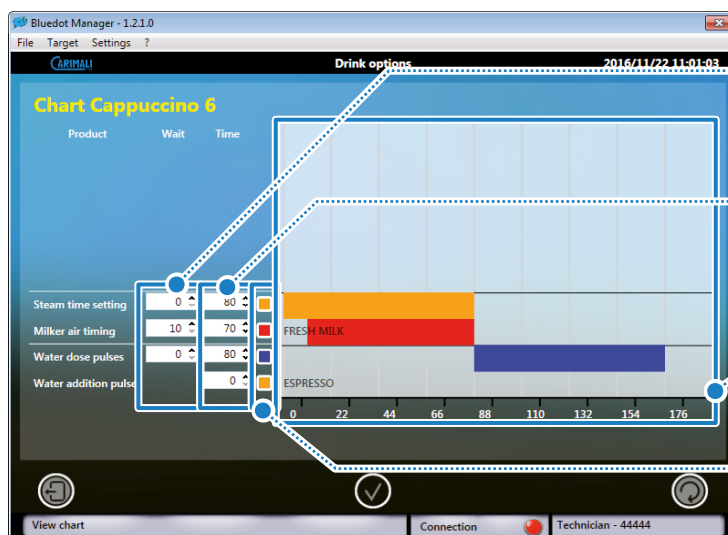


PRODUCT CHART

With this menu it is possible to edit and view the delivery times and delays for some product components in graphic form.

For example, if we look at the cappuccino.

Open the menu to view the page with some of the default pre-sets defined by the manufacturer.



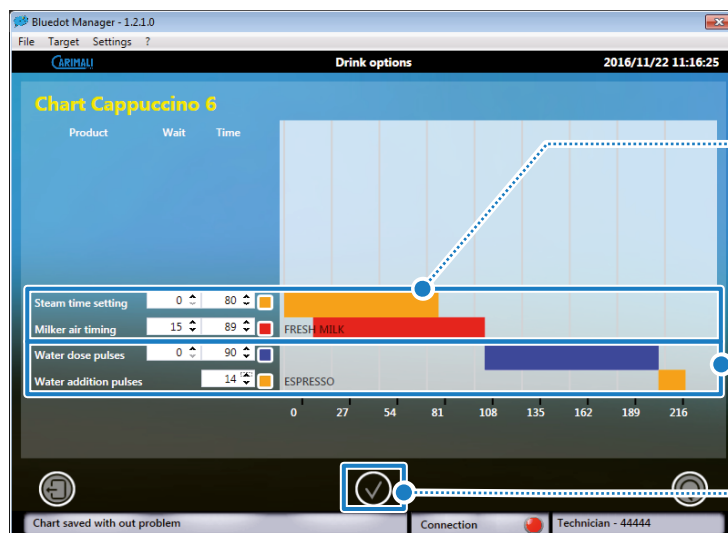
Fields to set the delivery start delay of drink ingredients.

Fields to set the delivery time of drink ingredients.

Graphic for delivery time of drink ingredients.

Infographic key used on delivery graphic.

When the number fields are changed automatically, the graphic will show the new settings.



Milk delivery mode settings area.

Espresso delivery mode settings area.

Press to confirm the changes made.

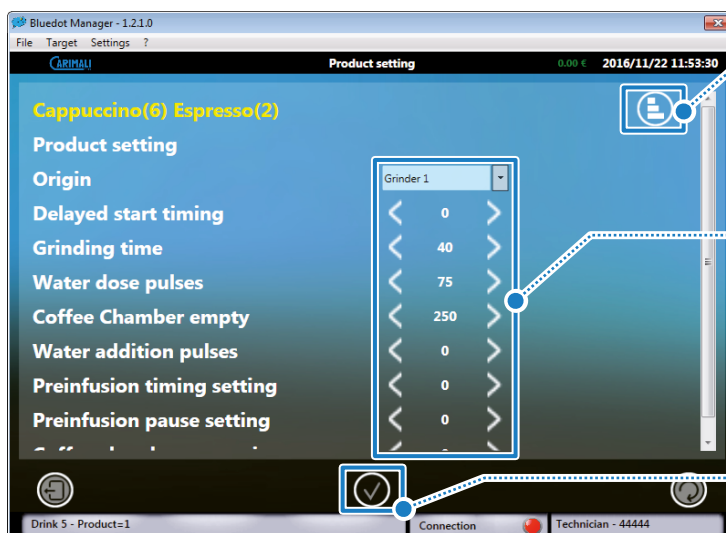




PRODUCT SETTINGS

NOTES

The products that can be set will depend on the ingredients of the drink.



Press to access the delivery graphic for the products that the drink is comprised of.

Parameter settings fields. For more details, see the following table.

Press to confirm the changes made.

PARAMETERS THAT CAN BE SET:

Drink comp.	Element	Min. value	Max. value	Unit of measure	Various / Remarks
ESPRESSO	Origin				Grinder 1 Grinder 2 Decaf Grinder 1 & 2
	Delayed start time	0	300	Tenths of a second	
	Grinding time	0	150	Tenths of a second	
	Water dose pulses	0	500	No.	
	Empty coffee chamber	249	251	No.	
	Water adding pulses	0	400	No.	
	Pre-infusion time setting	0	50	Tenths of a second	
	Pre-infusion pause setting	0	150	Tenths of a second	
FRESH BREW	Coffee expansion chamber	0	30	No.	
	Origin				Grinder 1 Grinder 2 Instant product motor 1 Instant product motor 2 Grinder 1 & 2
	Delayed start time	0	300	Tenths of a second	
	Grinding time	0	150	Tenths of a second	
	Water time 1	0	200	Tenths of a second	
	Infusion pause setting	0	150	Tenths of a second	
	Air pump time	0	150	Tenths of a second	
	Air pump motor PWM1	1700	1800	No.	Recommended value 1800
	Water time 2	0	200	Tenths of a second	
	Water time 3	0	10	Tenths of a second	





Drink
comp.

INSTANT PRODUCT

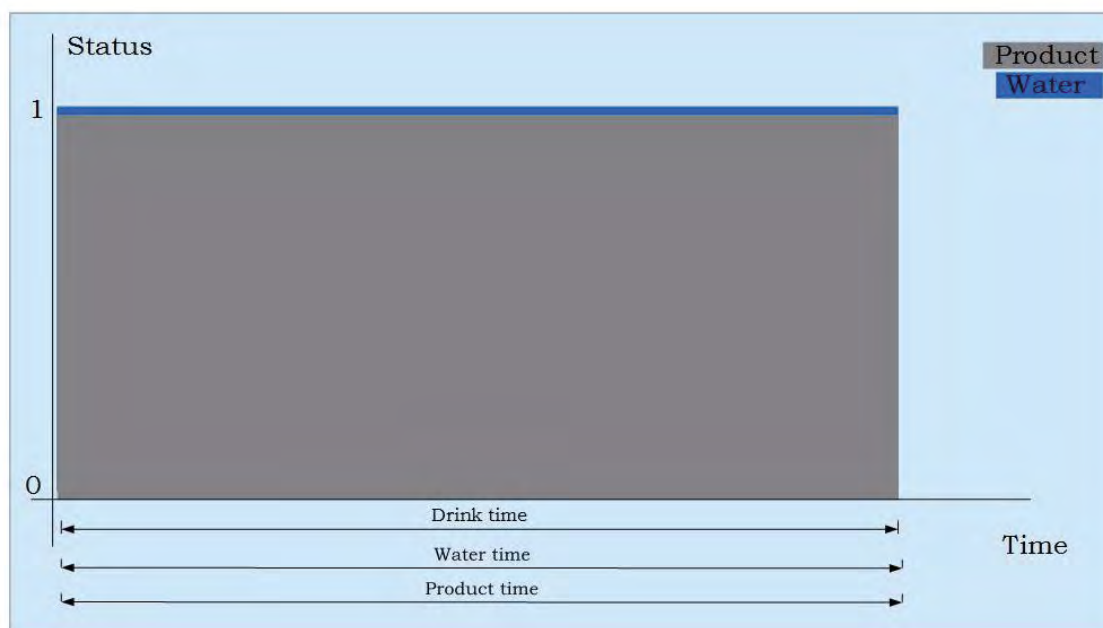
MILK

HOT WATER

Element	Min. value	Max. value	Unit of measure	Various / Remarks
Origin				Instant product motor 1 Instant product motor 2 Instant product motor 3
Delayed start time	0	300	Tenths of a second	
Water dispensing time	0	350	Tenths of a second	
Water dispensing delayed start	0	370	Tenths of a second	
Mixer motor time ON	0	350	Tenths of a second	
Mixer motor delayed start	0	350	Tenths of a second	
Instant product motor time ON	5	350	Tenths of a second	
Instant product motor delayed start	0	2	Tenths of a second	
Mixer speed setting	0	2	No.	0 max speed 1 medium speed 2 min. speed
Instant product dispensing steps	0	2	No.	0 dispensing without interruption 1 a pause during dispensing 2 two pauses during dispensing
Delayed start time	0	300	Tenths of a second	
Steam dispensing time	0	200	Tenths of a second	
Milk aerator delayed start	10	160	Tenths of a second	
Milk aerator time	0	200	Tenths of a second	
Delayed start time	0	300	Tenths of a second	
Dispensing time	0	350	Tenths of a second	

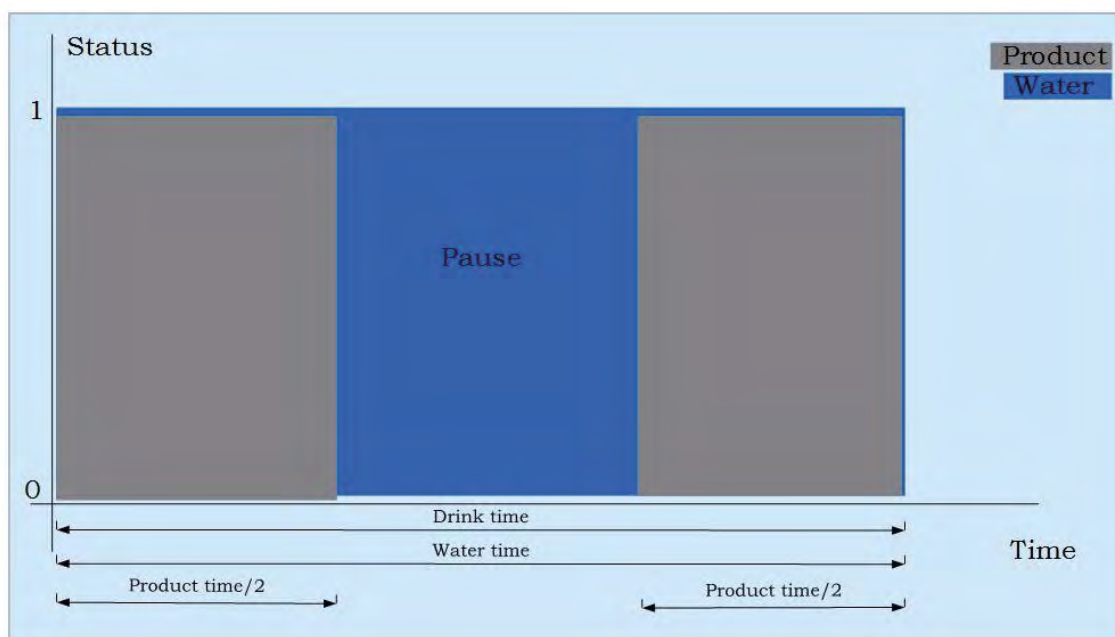
INSTANT PRODUCT DISPENSING STEPS:

0 PAUSE:

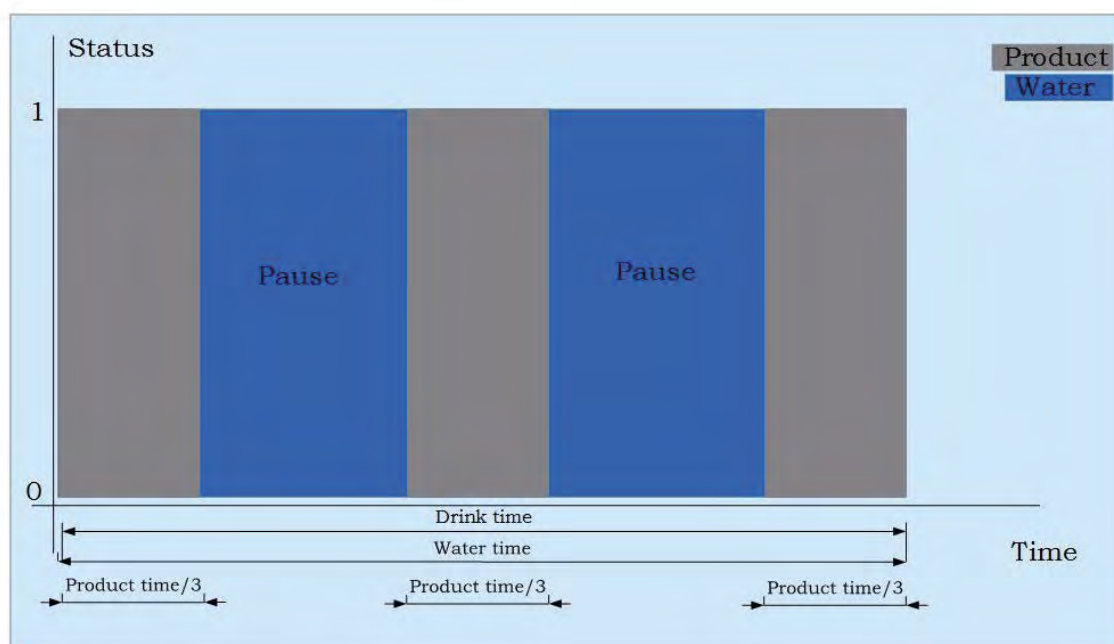




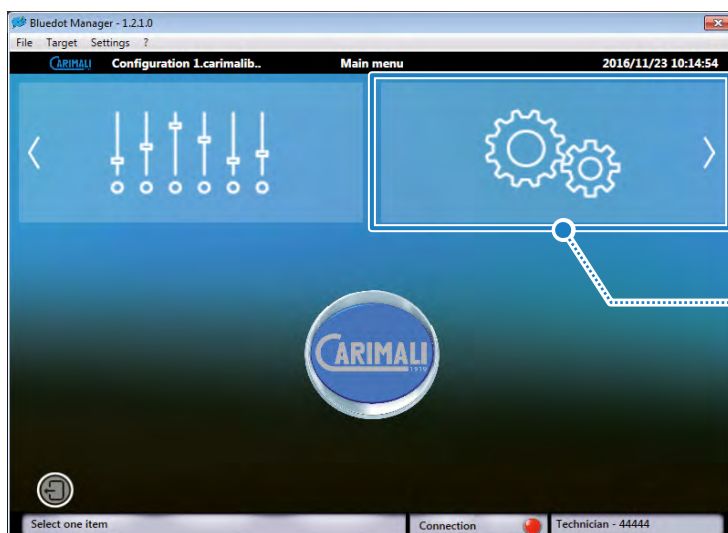
1 PAUSE:



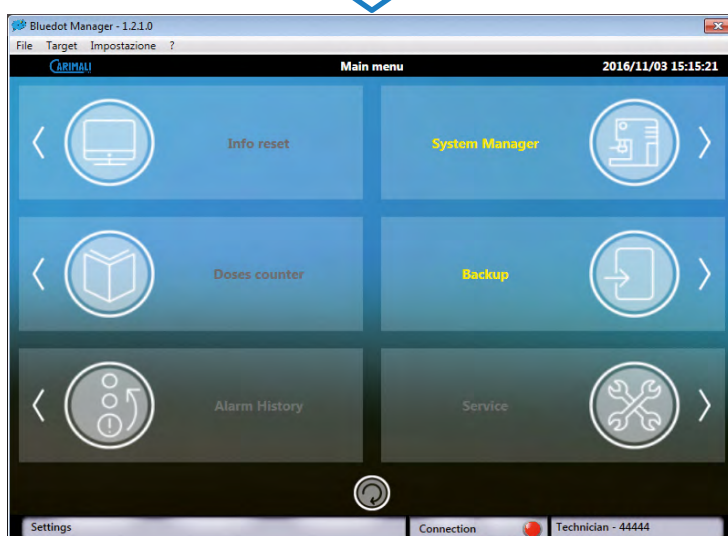
2 PAUSES:



7.2.4 MAIN MENU



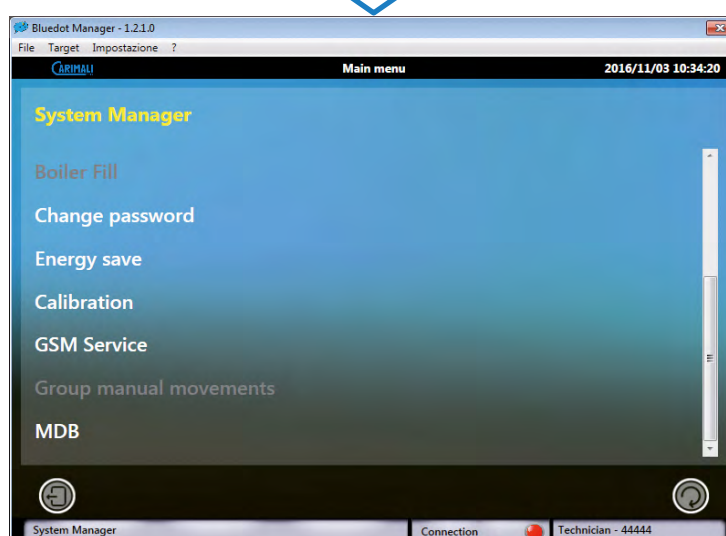
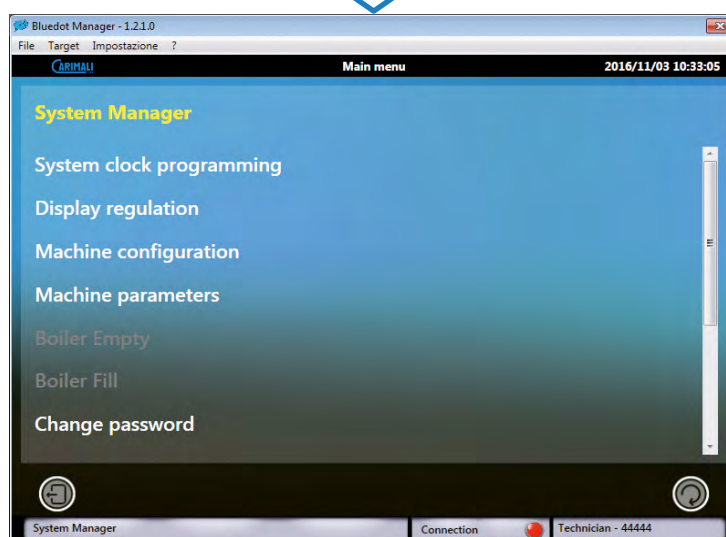
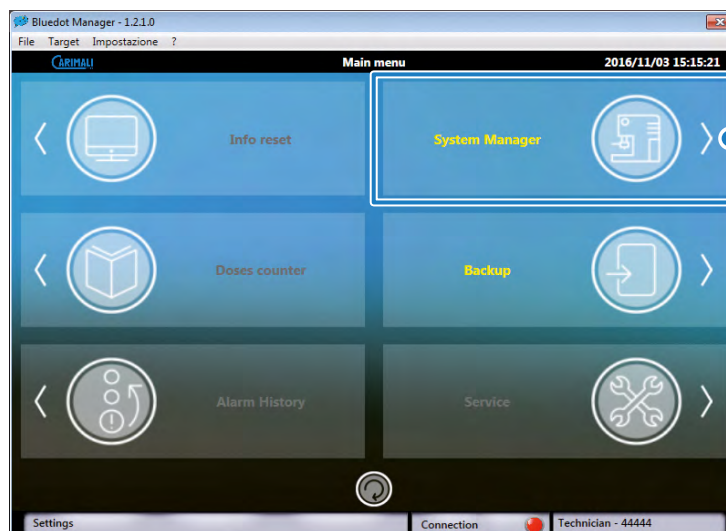
Main menu access button.



NOTES

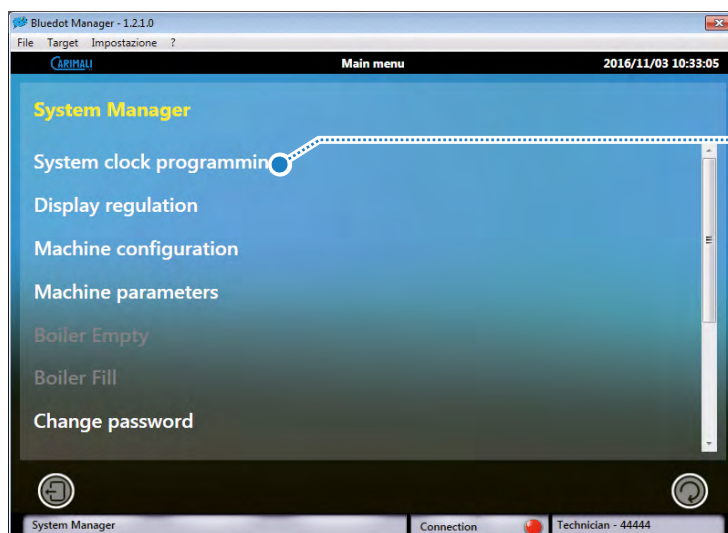
Fewer menus are available in offline mode compared to online mode.

7.2.4.1 System manager

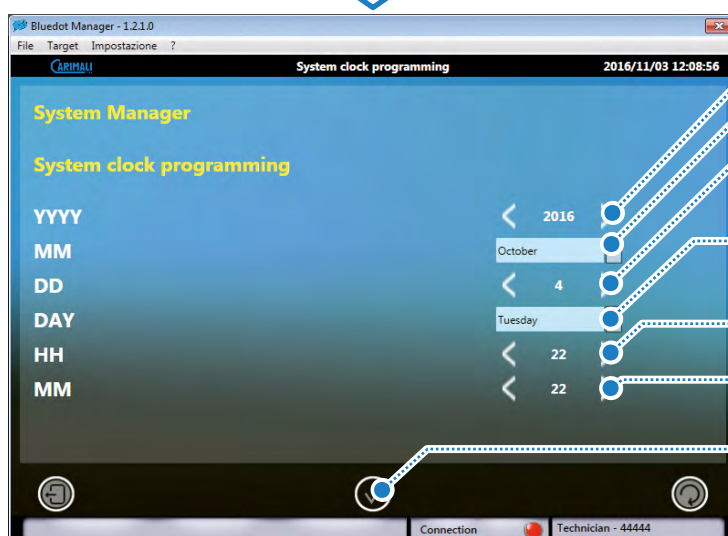




SYSTEM CLOCK PROGRAMMING



Press to access the System clock programming menu.



Set the number of the year.

Set the number of the month.

Set the number of the day.

Set the number of the day of the week.

Set the number of hours.

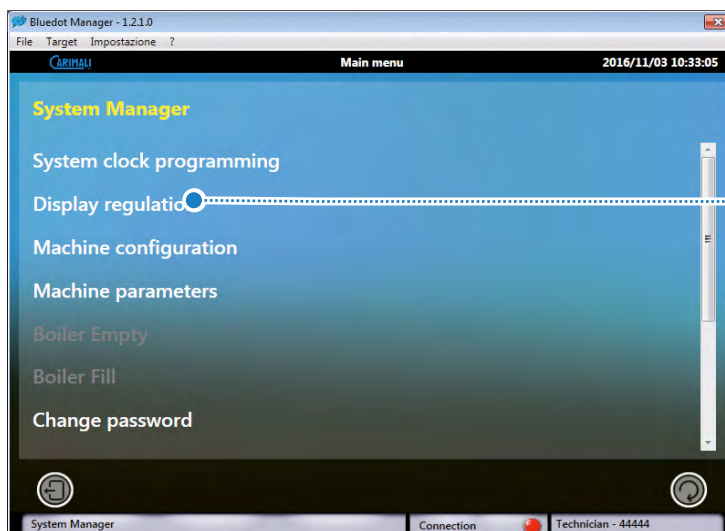
Set the number of minutes.

Press to confirm the changes made.

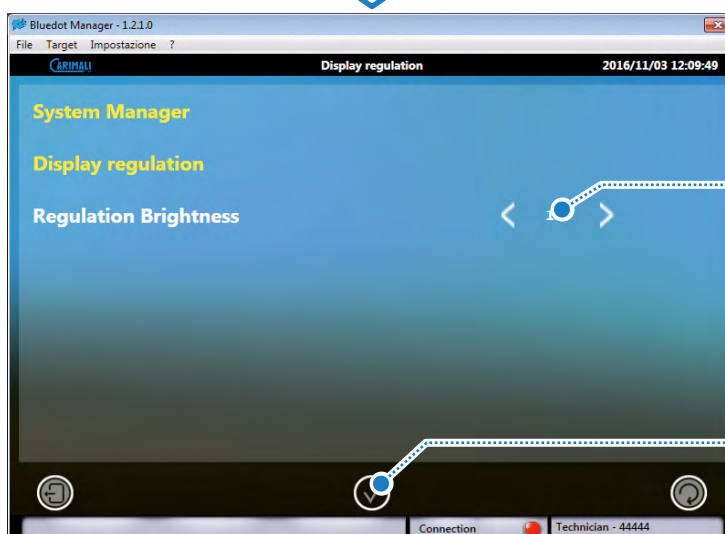




BRIGHTNESS ADJUSTMENT



Select to access display adjustments.



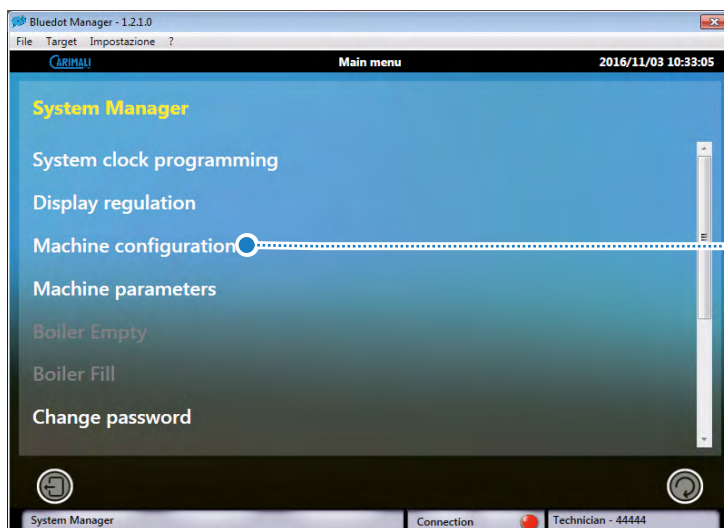
Adjust display brightness. Adjustment range 0 - 100.

Premere per confermare le modifiche apportate.

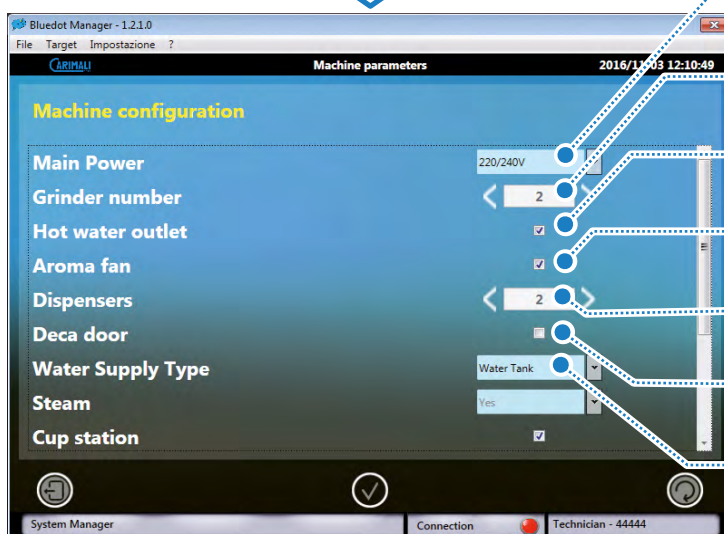




CONFIGURATION



Press to access the machine configuration menu.



Set the electrical supply of the machine to 220/240V or 110V.

Set the number of grinders.

Set the possibility to deliver hot water (yes -no).

Set the presence of the aroma fan (yes -no).

Set the number of solubles (0-2-3).

Set the presence of the deca drink insert door (yes-no).

Set the type of water supply for the machine (tank-mains water connection).



Set the presence of the steam dispenser (yes-no).

Set the presence of the cup protection door (yes-no).

Set the type of communication interface (NO - Wi-Fi - Modem Cell).

Set the cup presence / height (yes-no).

Enable or disable the blocking of the door (yes-no).

MDB system presence settings (yes-no).

ES grounds compactor presence setting (yes-no).

Press to confirm the changes made.





NOTES

Enabling the “Cup Station” function, the machine software will check to ensure the door is closed and if this is not the case, it will request closure.



NOTES

The settings of the cup sensors are applied to all enabled drinks.



NOTES

Enabling the “Door locked” parameter produces variations in operations and in the messages on the display.



WARNING

If the “Door Locked” function is active, the front door cannot be split between top and bottom, but it is a single piece and to open it, the lock must be released.



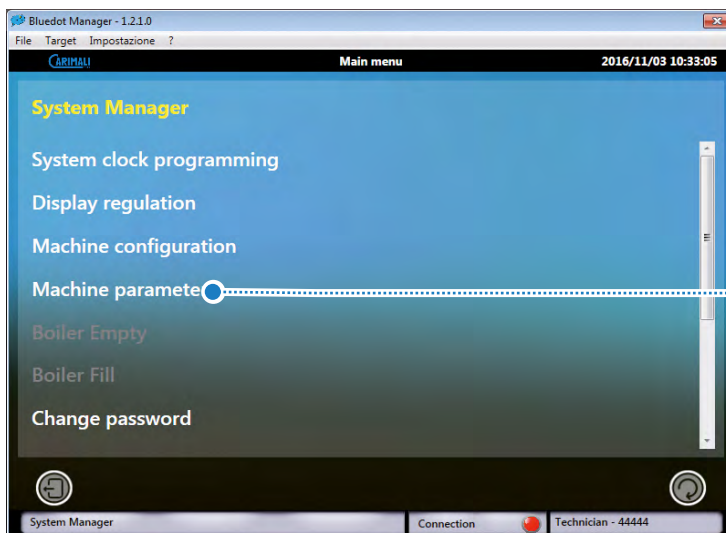
WARNING

The settings for the devices present can change the possibility to set some data even on other pages.





MACHINE PARAMETERS



Select to access the machine parameters menu.



Language setting (main).

Language setting (additional).

Set the boiler's working temperature (80°C - 98°C).

Set the steam temperature (20°C - 150°C).

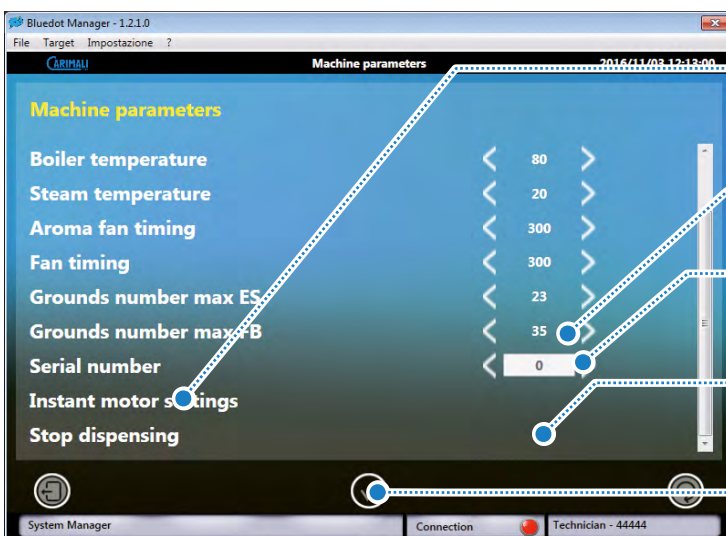
Set the operating temperature of the aroma fan. (0-600).

Set the operation time of the cooling fan (0-600).

Set the maximum number of Espresso grounds (0-75).

NOTES

Recommended value: 75 for 7 grams and 40 for 14 grams.



Press to access the settings for instant drink container motors.

Set the maximum number of Fresh Brew grounds (0-35).

Machine serial number setting.

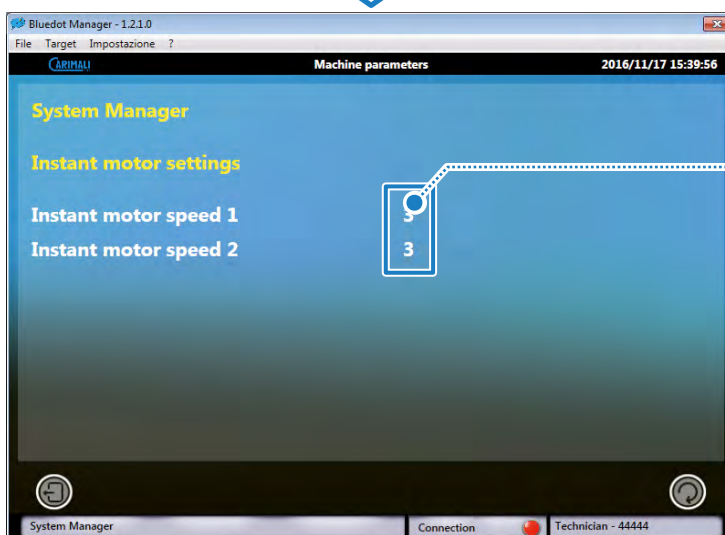
Manual delivery stop setting (yes no).

Press to confirm the changes made.

NOTES

The manual delivery stop is not instant, but occurs when the system detects a safe situation.





Instant drink motor speed setting (2-3).

NOTES

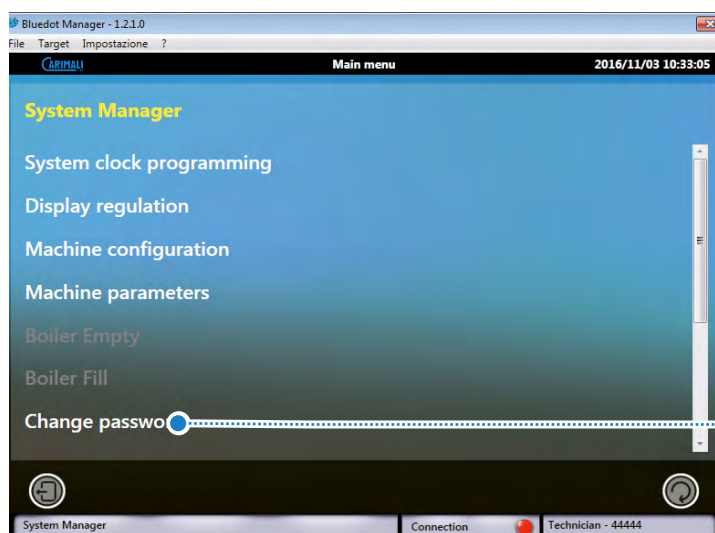
Set the speed for the soluble beverage motors according to the type of product to be dispensed.

The two levels of maximum motor speed are equivalent to:

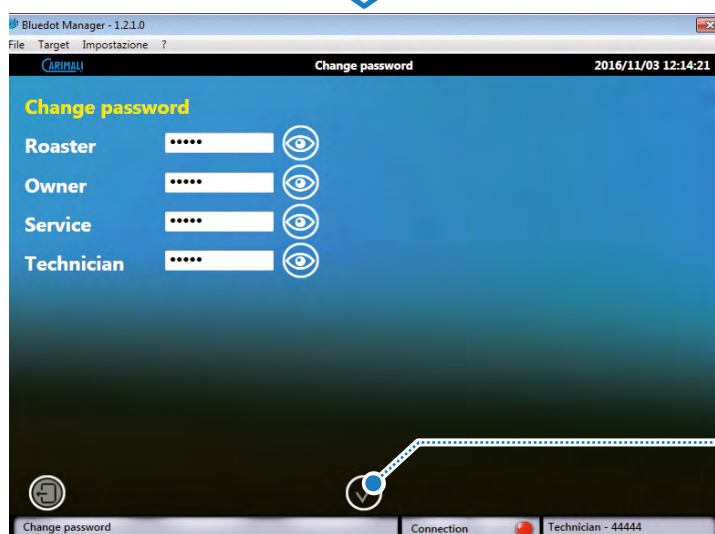
2=70%

3=30%

CHANGE PASSWORD



Select to access the password change function.



Press to confirm the changes made.

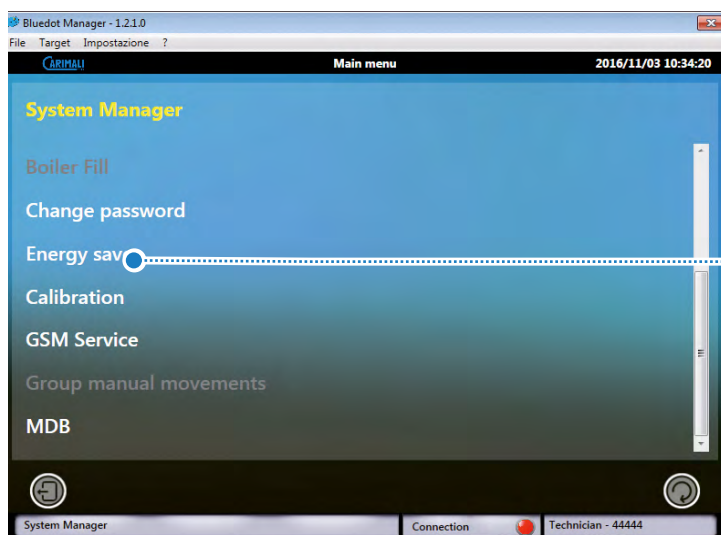
WARNING

It is possible to change only the password selected according to access made or underlying levels.





ENERGY SAVE



Select to access the Energy saving menu.



Enable/disable the energy saving

Time (minutes) of energy saving activation (1-300).

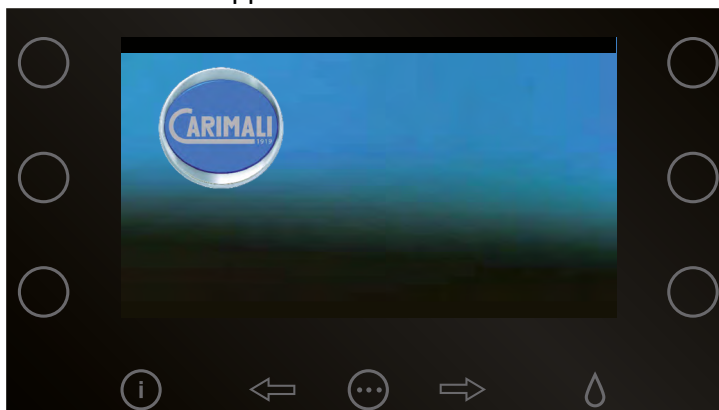
Boiler temperature (°C) in Energy saving mode (20°-80°).

Press to confirm the changes made.

Once enabled, the Energy Save feature will be applied only when the machine is powered on. The software will check if the energy save is working constantly based on five conditions:

- User presence, if a user is not being detected.
- Cup presence, if a cup is not being detected.
- Timer Timeout, based on a field "time setting" configured before.
- Drink selection, if a drink is not being dispensed.
- Button touch, if a button has not been pressed.

If all of these conditions are valid, the energy save runs and a screensaver will appear on the screen.



The energy save will be maintained until one of the listed condition is no longer valid. At the return from the energy save, the boiler and steam heating screen will show while the boiler and the steam boiler return to dispense threshold set point.

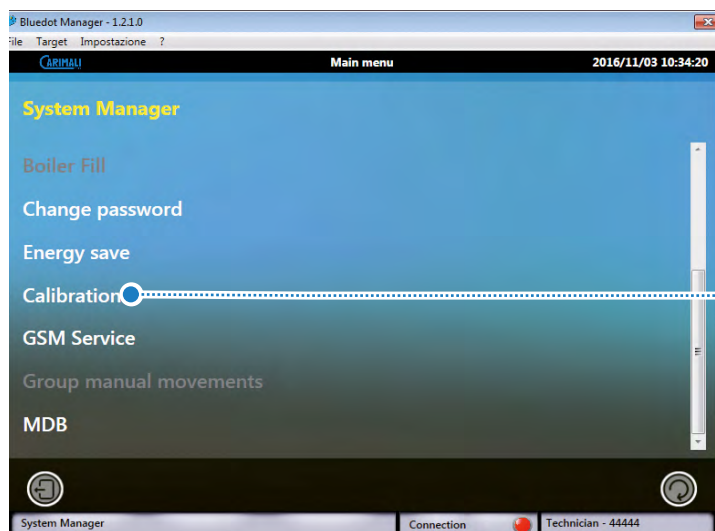




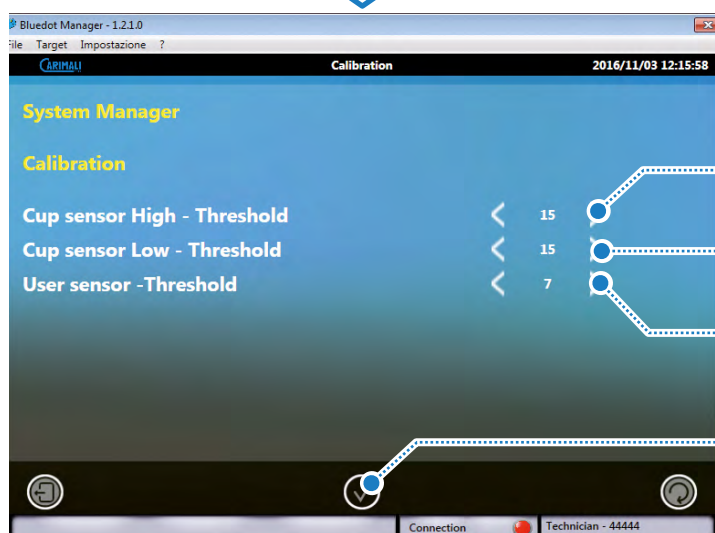
CALIBRATION

NOTES

Setting to be assessed only if the “cup height” and “user presence” sensors are present and enabled.



Select to access the calibration menu.



Adjustment of the high cup sensor threshold.

Adjustment of the low cup sensor threshold.

Adjustment of the user sensor threshold.

Press to confirm the changes made.

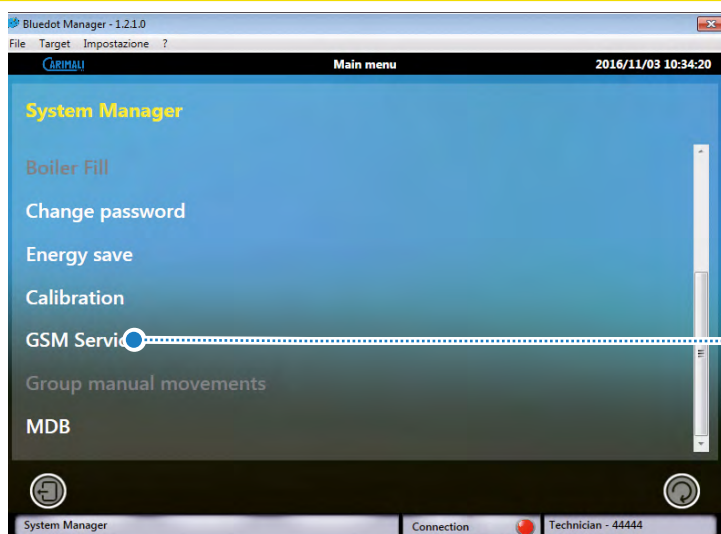




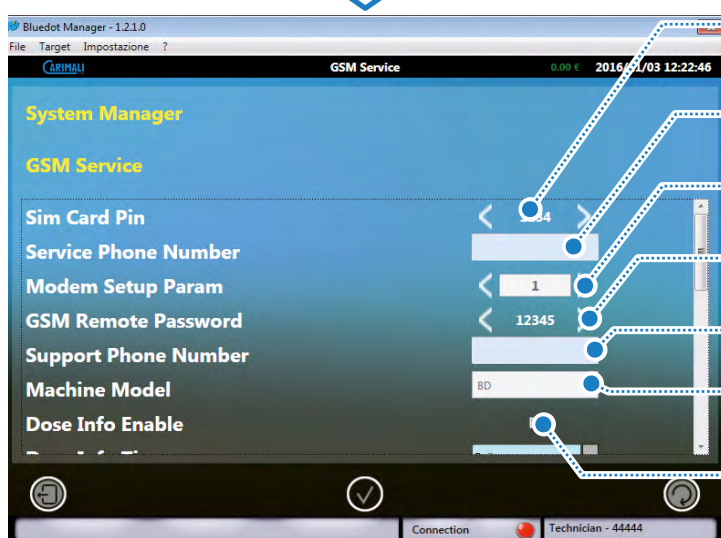
GSM SERVICE

WARNING

To enable the GSM settings menu, it is necessary to set the "Communication interface" to "Modem cell" from the Machine configuration" menu.



Press to access the GSM Service menu.



SIM card Pin setting.

Support service telephone number setting.

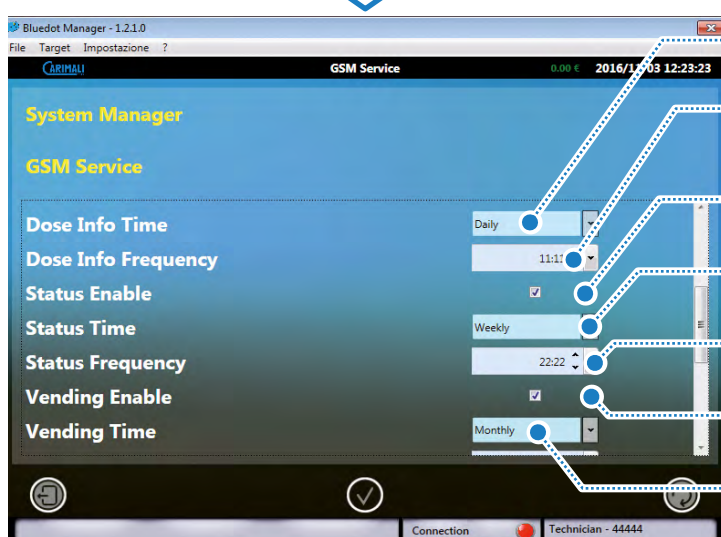
Modem parameter setting.

GSM remote connection password setting.

Technical support service telephone number setting.

Machine model setting.

Setting to enable dose information transmission to support.



Setting for dose information transmission intervals.

Setting for dose information transmission times.

Setting to enable machine status transmission.

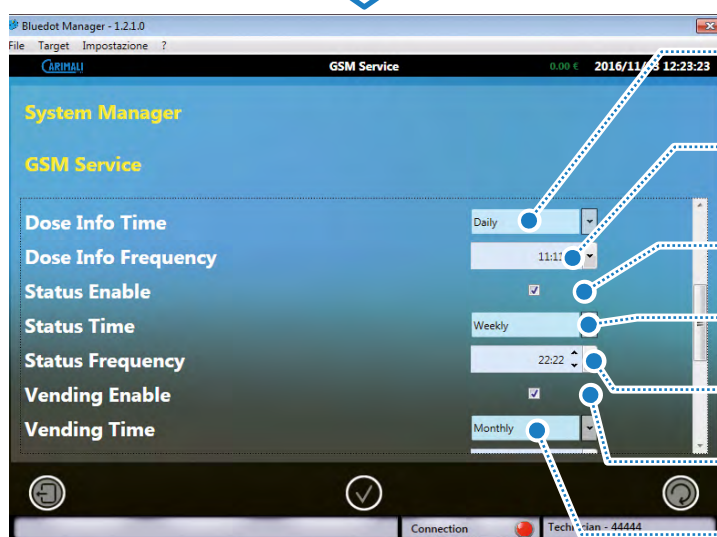
Setting for machine status transmission frequency.

Setting for machine status transmission time.

Setting to enable sales transmission to support.

Setting for sales transmission frequency to support.





Setting for dose information transmission intervals.

Setting for dose information transmission times.

Setting to enable machine status transmission.

Setting for machine status transmission frequency.

Setting for machine status transmission time.

Setting to enable sales transmission to support.

Setting for sales transmission frequency to support.



Setting for sales data transmission time.

ID/Sales setting.

Enabling of auto backup of sales to the microSD memory.

Auto backup time setting.

Auto backup frequency setting.

Press to confirm the changes made.



NOTES

The system is set to make an automatic backup on the first day of the week if this function is enabled.



NOTES

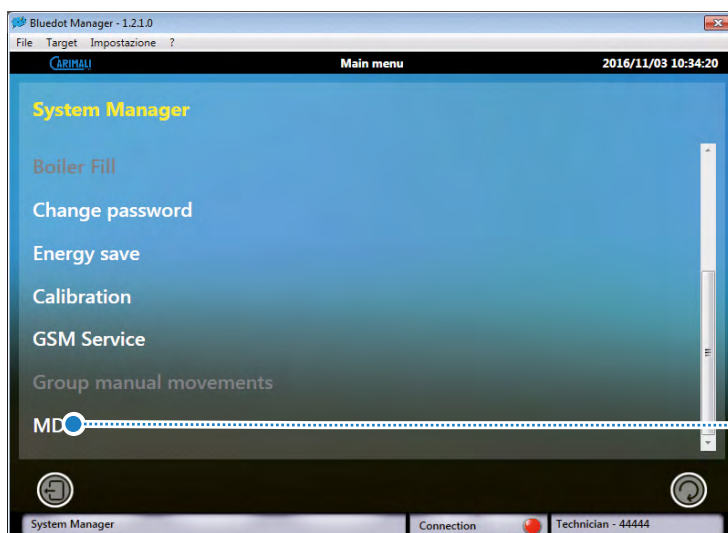
The stored backup file will be called "vendingdatauserXX.txt", where XX is the number of saves or the week, according to the set frequency.

The file is inside the "DATA" directory and can contain up to 600 lines of sales data.





MDB



Press to access the MDB menu.



MDB enable status display.

Manufacturer's code display.

Modem number display.

Serial number display.

Firmware version display.

Currency display.

Scale factor display.



Decimal factor display.

Minimum currency piece display.

Sales method enable setting.

Change dispenser enable setting.

Max. accepted credit setting.

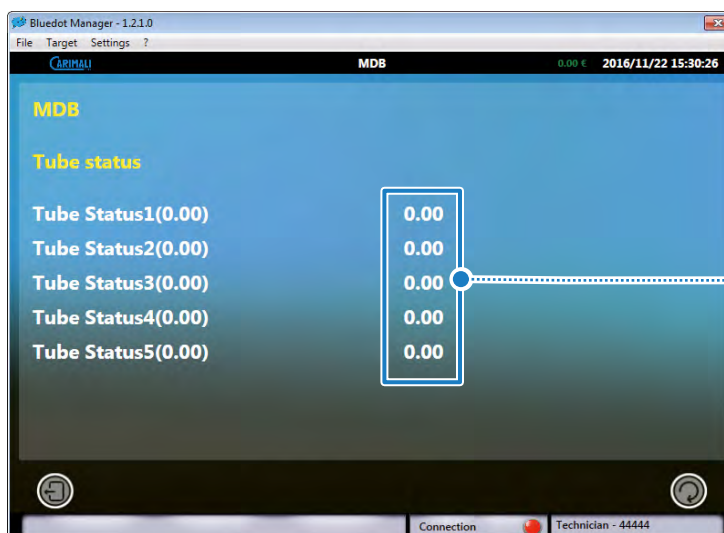
Change tube status display.

Press to confirm the changes made.





TUBE STATUS

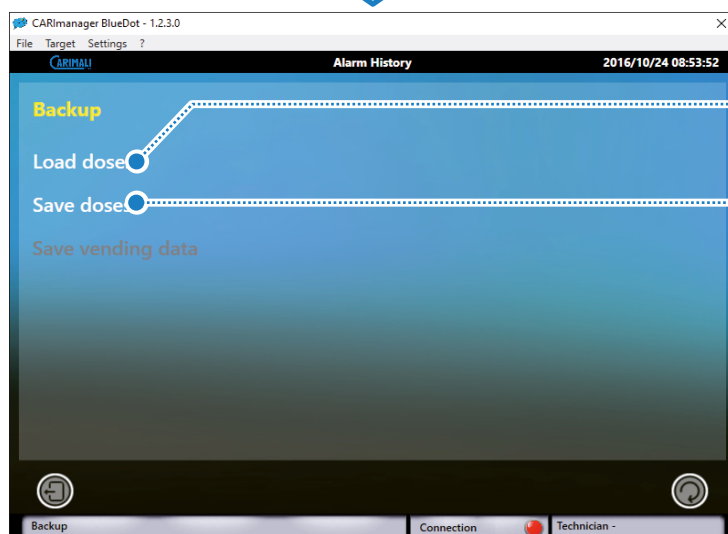


Shows the number of coins in the MDB system tube to be used to give change.

7.2.4.2 Backup



Backup menu access button.



Press to upload the doses from a device.

Press to save the doses to a device.





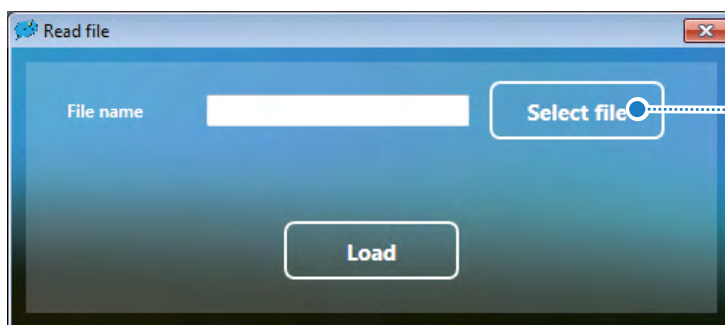
LOAD DOSES

ATTENTION

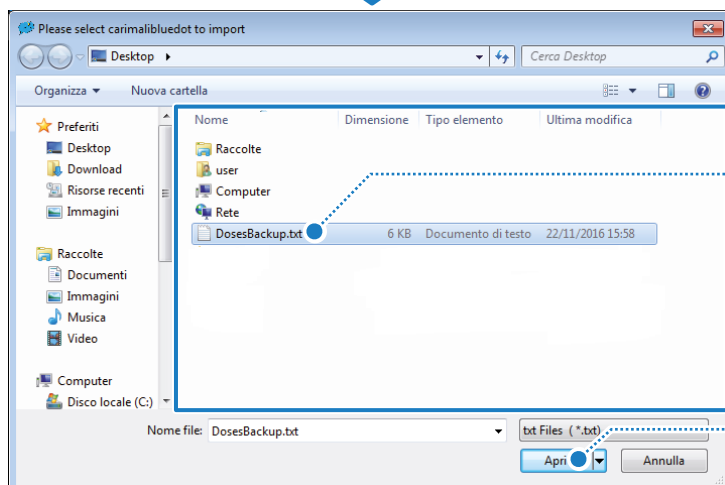
To be recognised by the machine, the backup file must necessarily be named "dosesbackup.txt".

This file includes all doses set, but not the configurations.

Press on Load doses.
This will open the following screen.

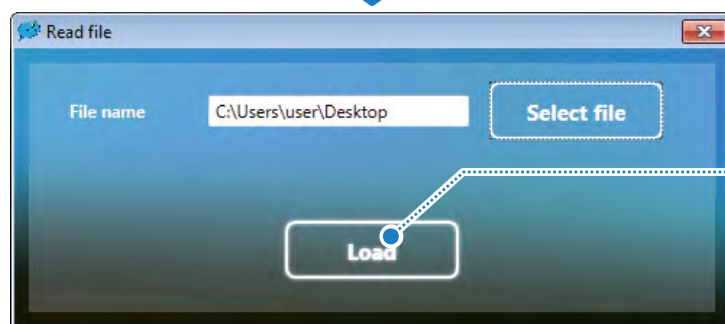


Press to open the backup file search screen.



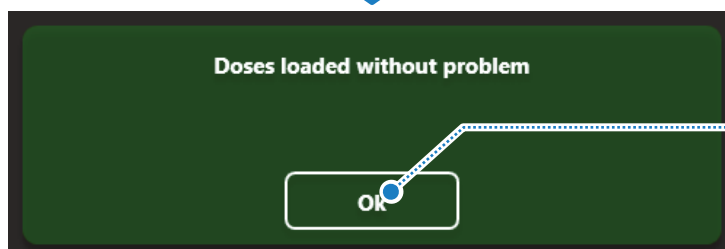
Select the backup file to upload.

Press to confirm.



Press to load files.

If the backup is loaded successfully, the following screen will be displayed.



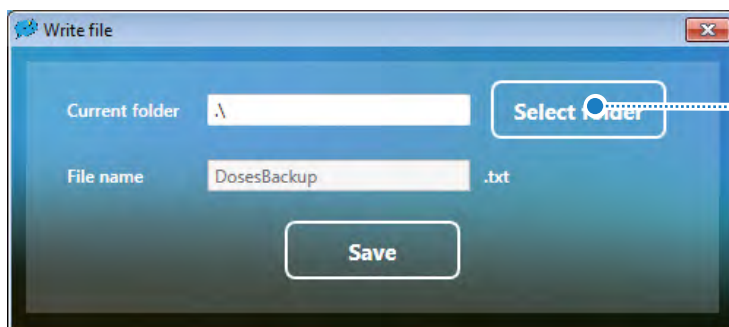
Press to close the window.



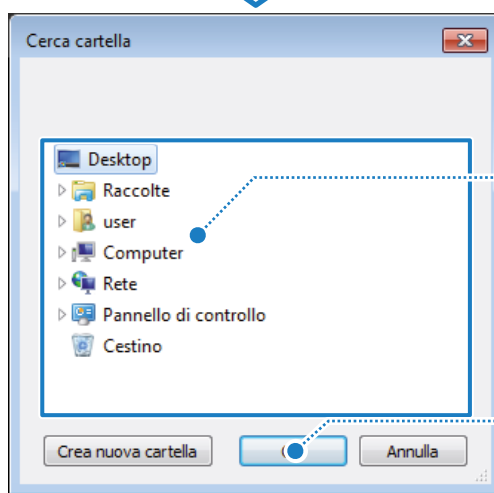


SAVE DOSES

Press on "Save doses".
This will open the following screen.

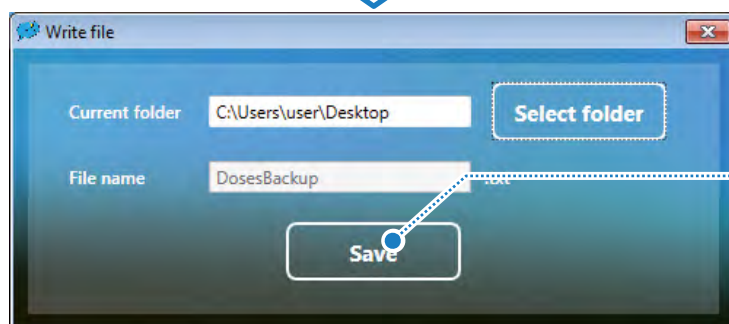


Press to select the directory for saving the dose backup files.



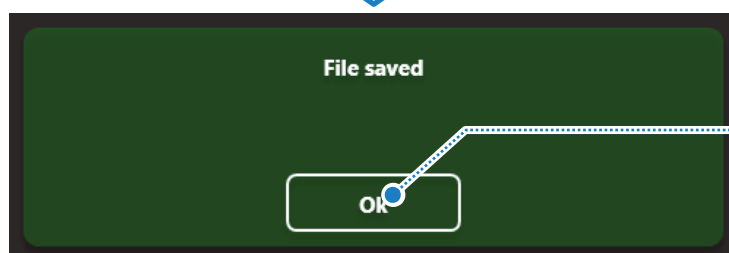
Select the directory for saving the backup files.

Press to confirm.



Press to save files.

If the saving is successful, the following screen will be displayed.

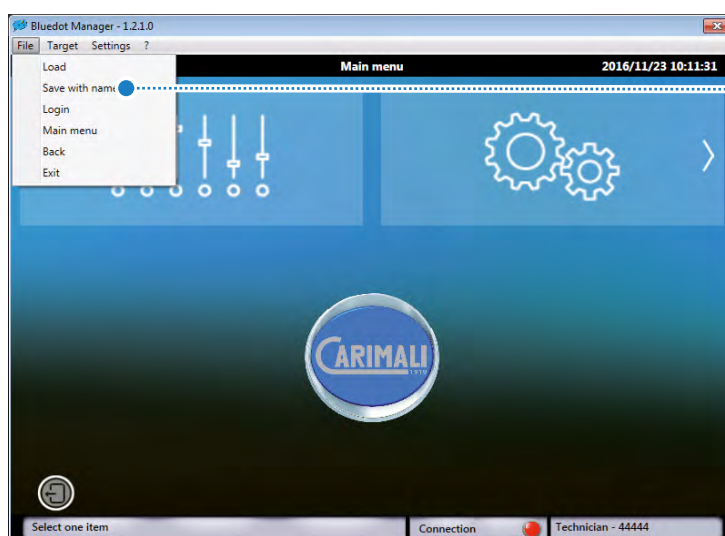


Press to close the window.

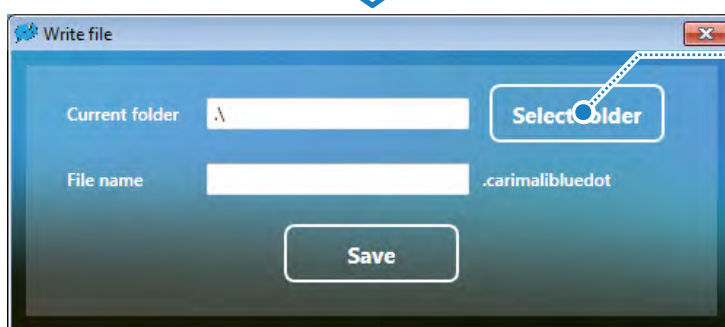
8 SAVE/LOAD MACHINE CONFIGURATION

8.1 SAVE MACHINE CONFIGURATION

From the "File" menu, the user can save the machine configuration in ".carimalibluedot" format.



Saving:
"File/save as".

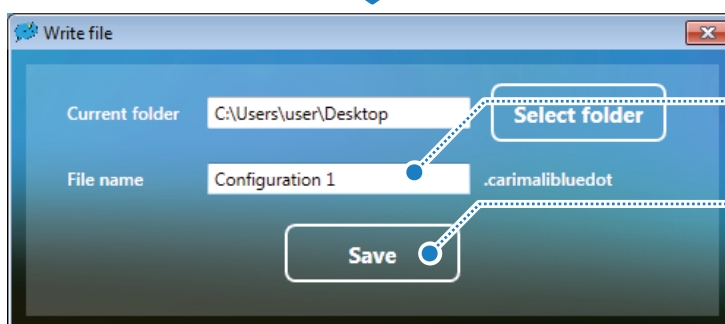


Local directory selection.



Select the directory for
saving the file.

Press to confirm.



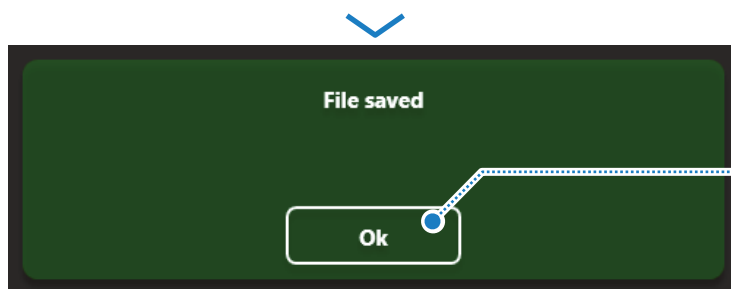
Enter the file name.

Press to save files.





If the saving is successful, the following screen will be displayed.



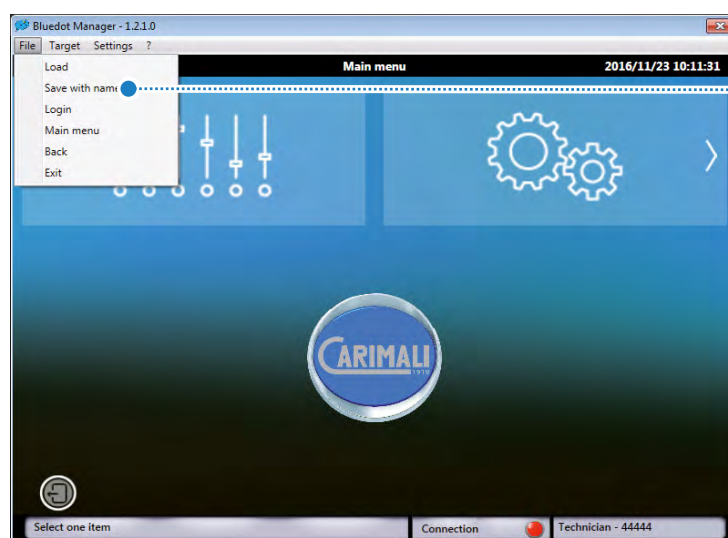
Press to close the window.



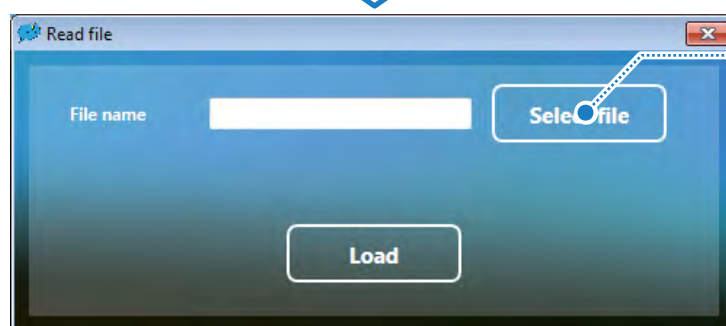
Saved configuration file name.

8.1 LOAD MACHINE CONFIGURATION

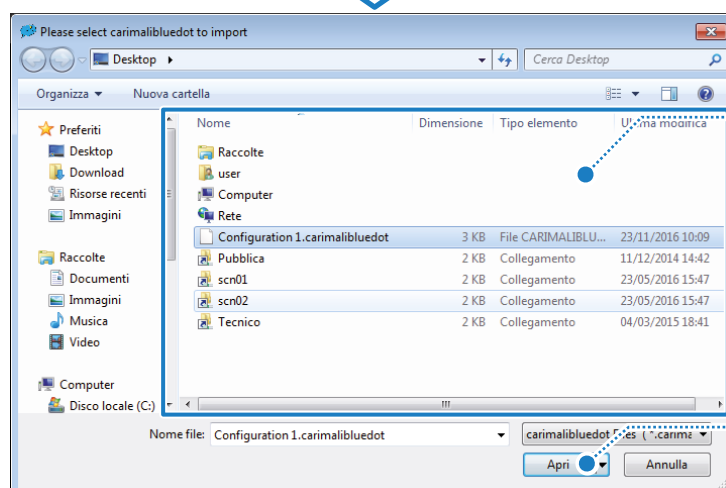
It is possible to upload a machine configuration with “.carimali-bluedot.” format from the “File” menu.



Saving:
“File/save as”.

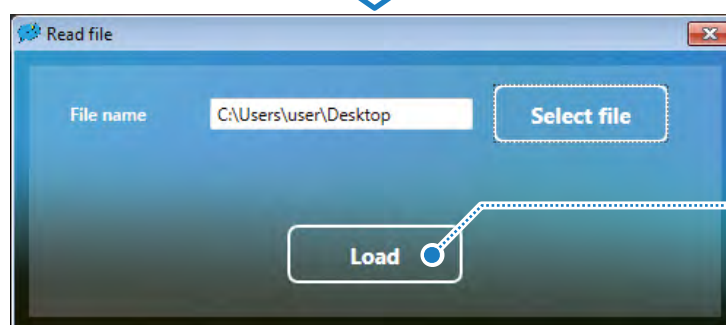


Press to select the file
to upload.



Select the file to upload.

Press to confirm.

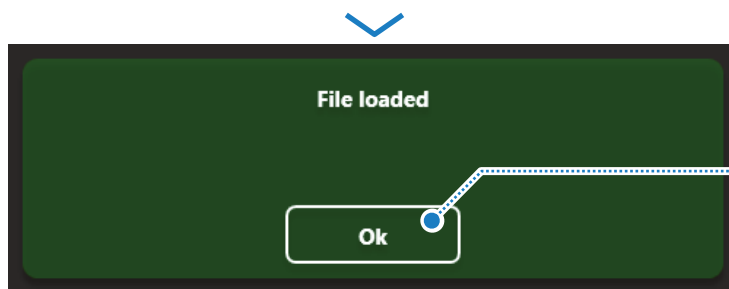


Press to load the
selected file.

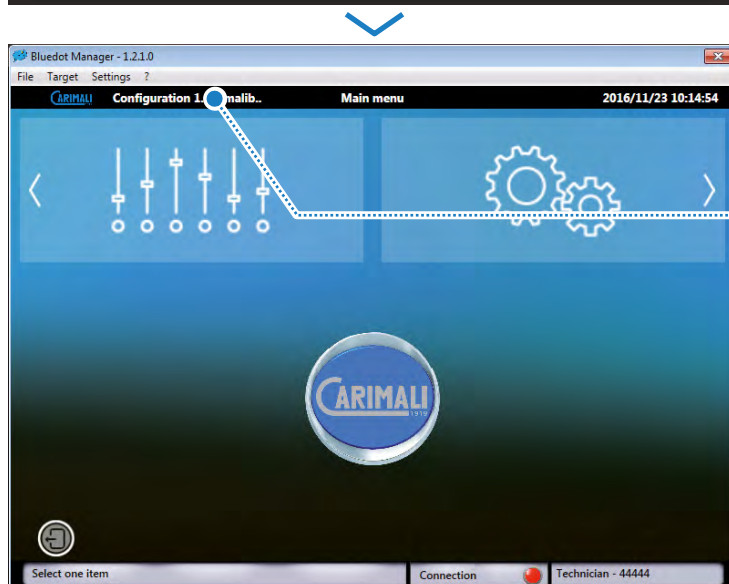




If the upload is successful, the following screen will be displayed.



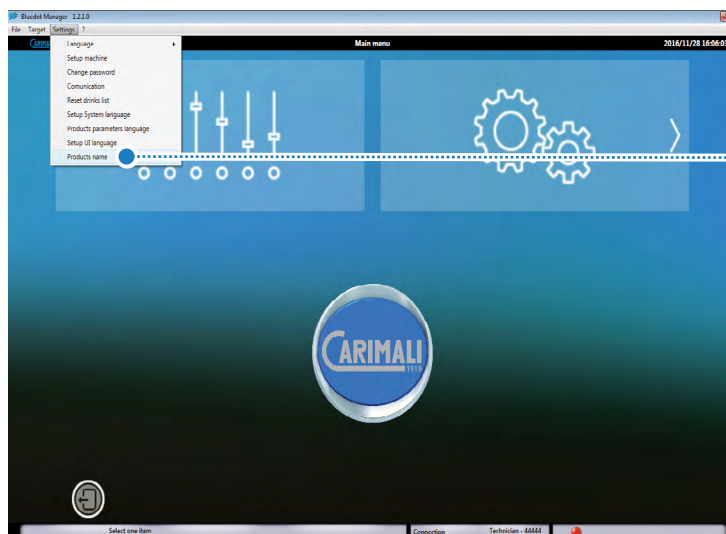
Press to close the window.



Saved configuration file name.

9 DRINK NAME EDITING

Select “product name” in the “setting” menu to access the table to edit the drink names.



“Product name”: press to access the edit function for the drink names.



Edit function fields for the drink names.

NOTES

Select a text box to edit it manually.

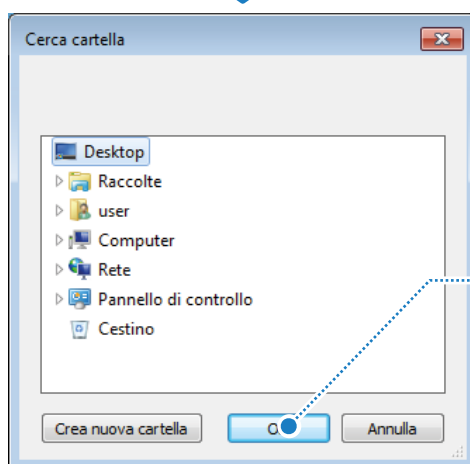


9.1 STORING DRINK NAMES



Press to store the drink names.

Select the destination directory for the "txt" file being saved.



Press to confirm the saving.

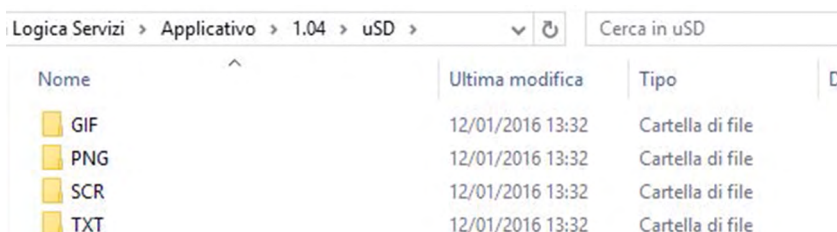
NOTES

Saving involves the creation of a "txt" file in each language:

- Drinklist_DAN.txt
- Drinklist_ENG.txt
- Drinklist_FRA.txt
- Drinklist_GER.txt
- Drinklist_ITA.txt
- Drinklist_JPN.txt
- Drinklist_NLD.txt
- Drinklist_POL.txt
- Drinklist_SPA.txt
- Drinklist_USA.txt

NOTES

To allow the machine to read the file on the micro SD automatically (at machine start-up), save them in the "TXT" directory.





If the saving procedure is successful, the files will be available on the micro SD and the software does not show any message.

WARNING

If the saving procedure is not successful, the software will show an error message.



Error while saving: Accesso al percorso 'C:\Program Files (x86)\Carimali\BlueDot\Machines\DrinkList_ENG.txt' negato.

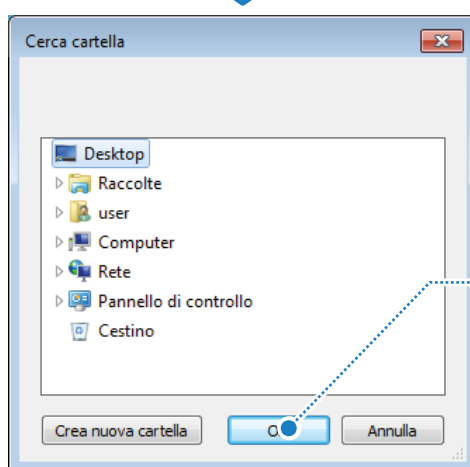
Ok

9.2 LOADING DRINK NAMES



Press to upload a file with drink names.

Select the directory containing the file to be uploaded.



Press to confirm the upload.

NOTES

The software automatically searches for the "txt" files, which must have the following names:

- Drinklist_DAN.txt
- Drinklist_ENG.txt
- Drinklist_FRA.txt
- Drinklist_GER.txt
- Drinklist_ITA.txt
- Drinklist_JPN.txt
- Drinklist_NLD.txt
- Drinklist_POL.txt
- Drinklist_SPA.txt
- Drinklist_USA.txt

Select folder with files. Current name will be overwritten. Do you want to continue?

Yes

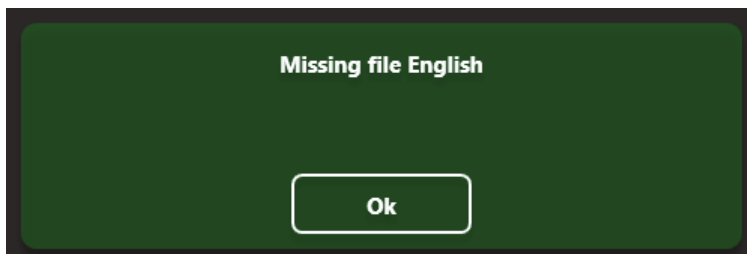
No

NOTES

When the upload is confirmed, the software will overwrite the previous files.

**WARNING**

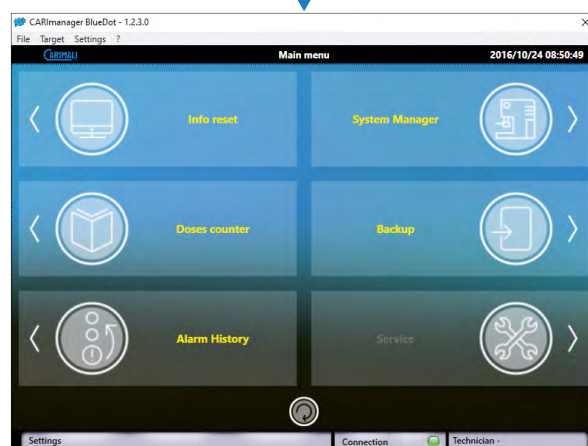
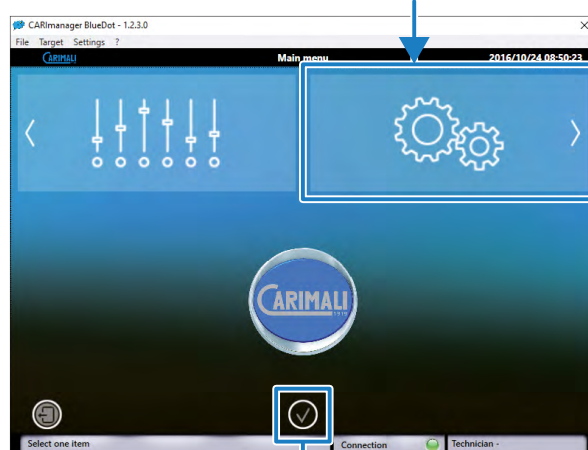
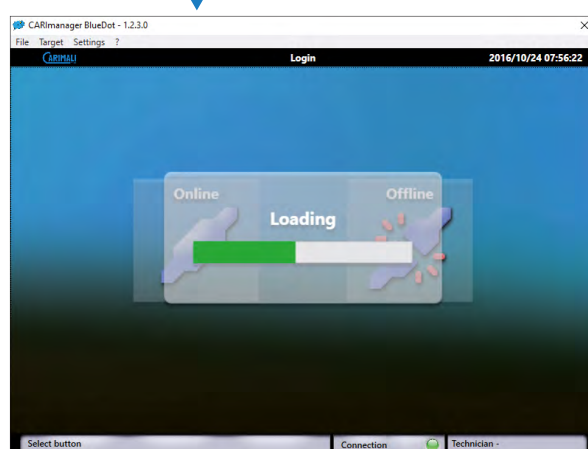
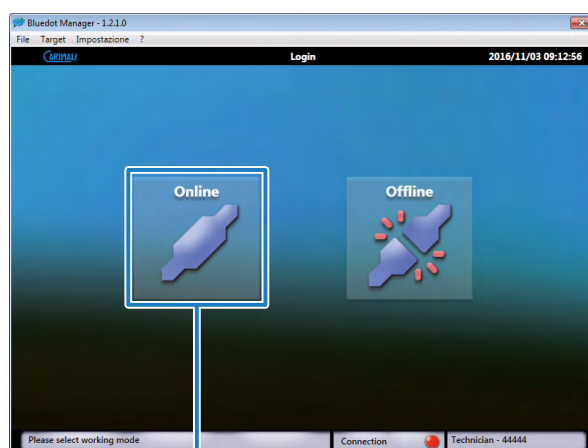
If the software does not find the corresponding file for the names uploaded previously, it shows the following message:

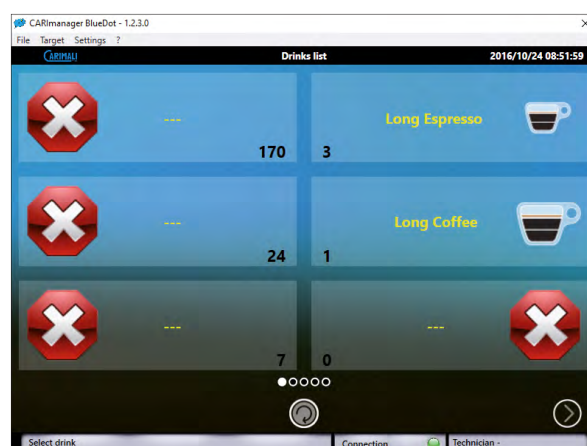
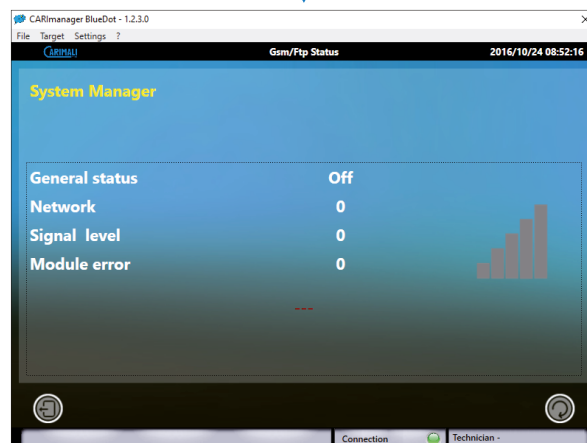
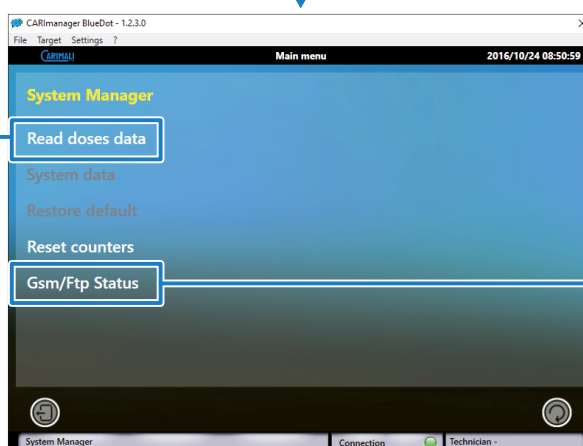
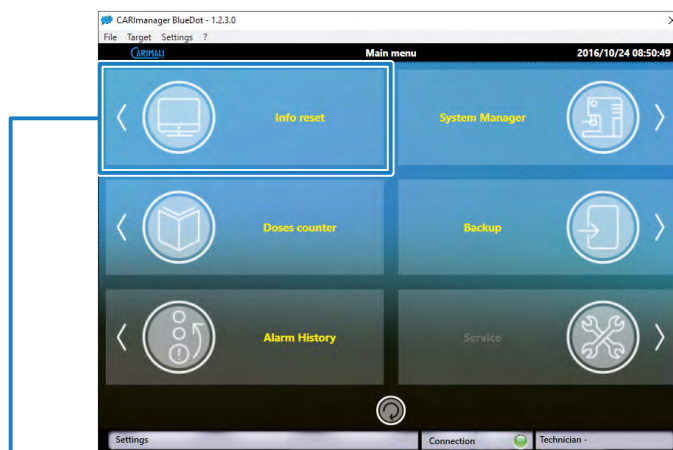


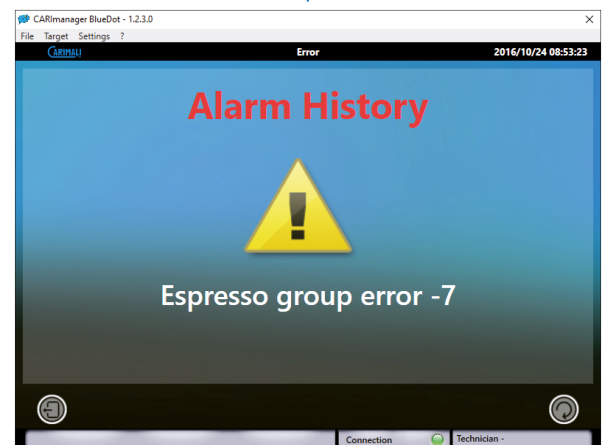
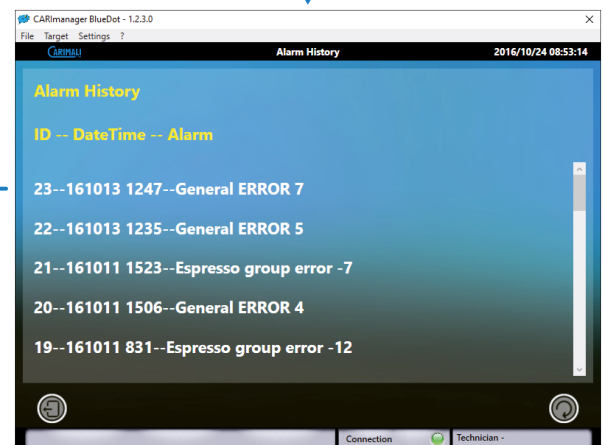
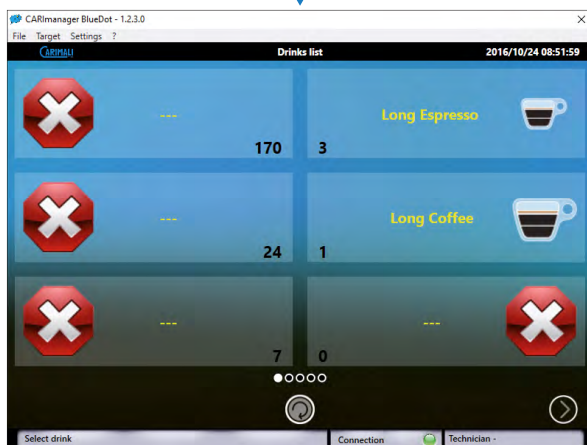
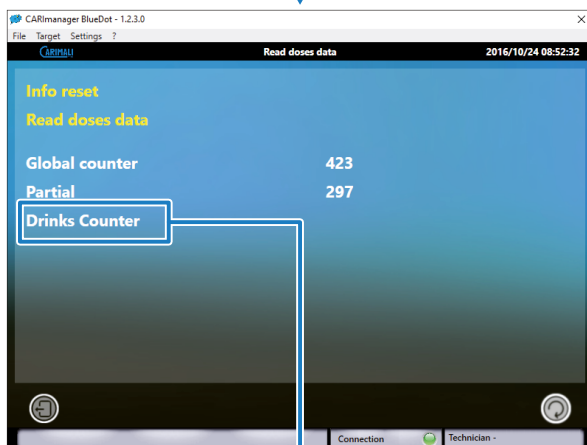
If the upload is successful, the software will show the updated/added names of the drinks.

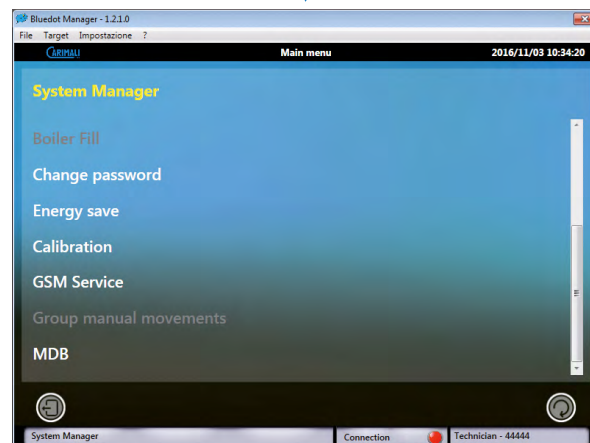
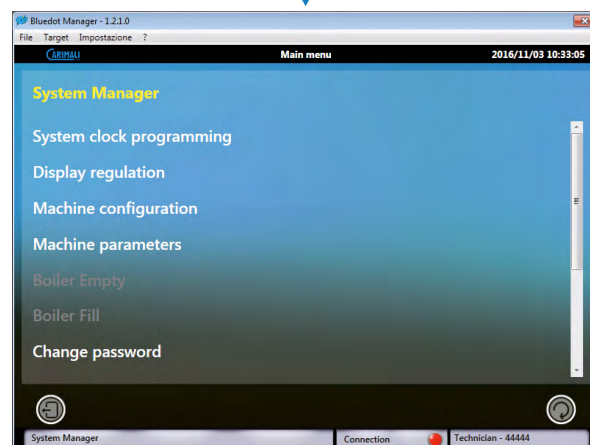
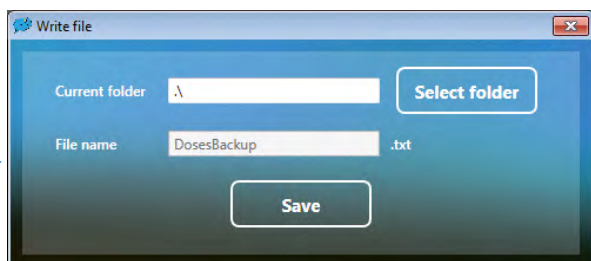
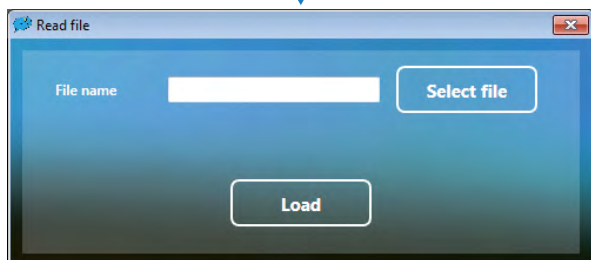
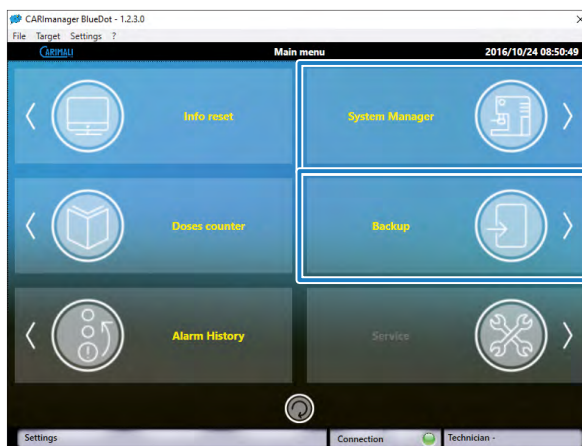
10 CARIMANAGER BLUEDOT STRUCTURE

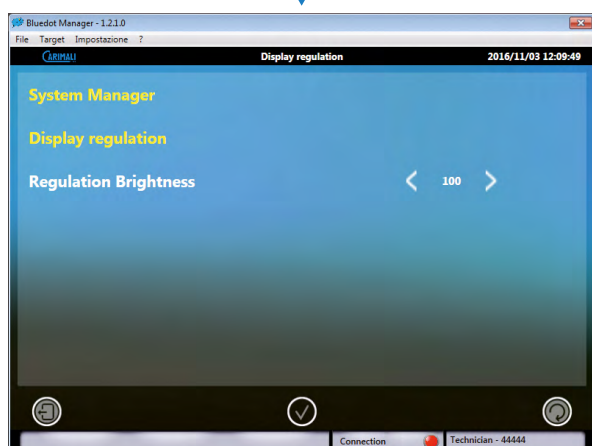
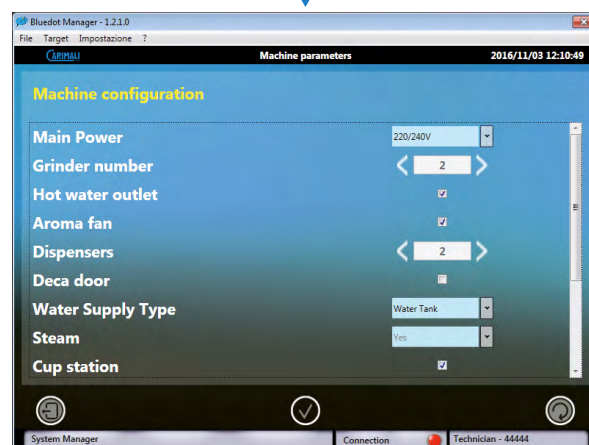
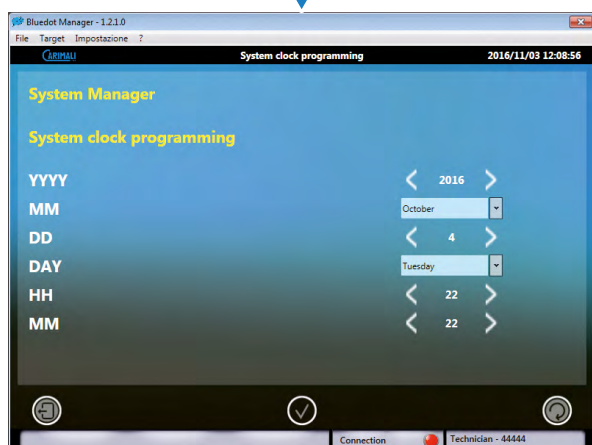
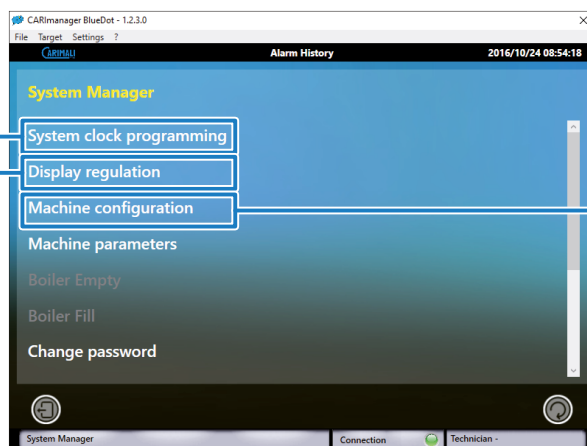
10.1 ONLINE SESSION

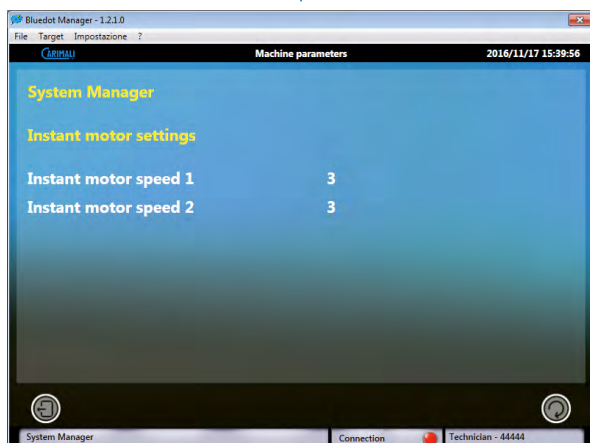
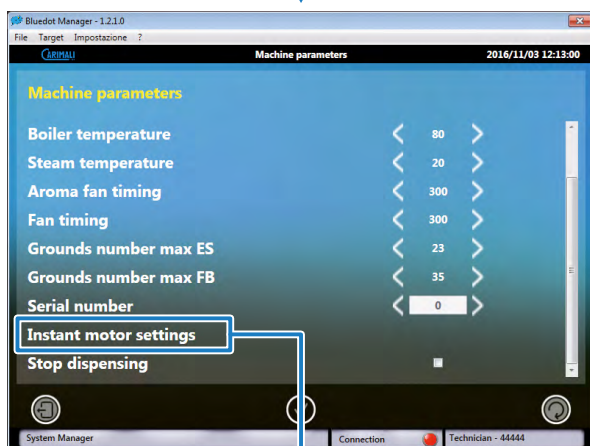
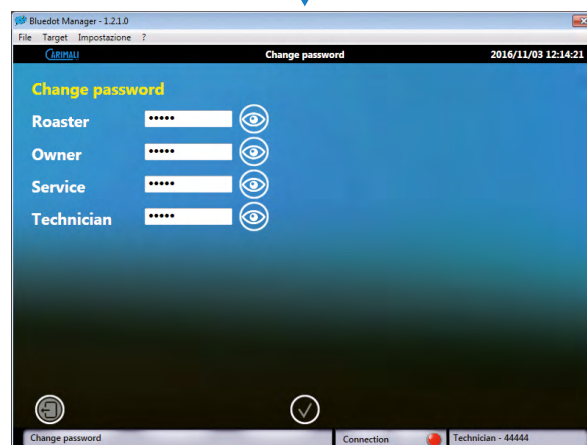
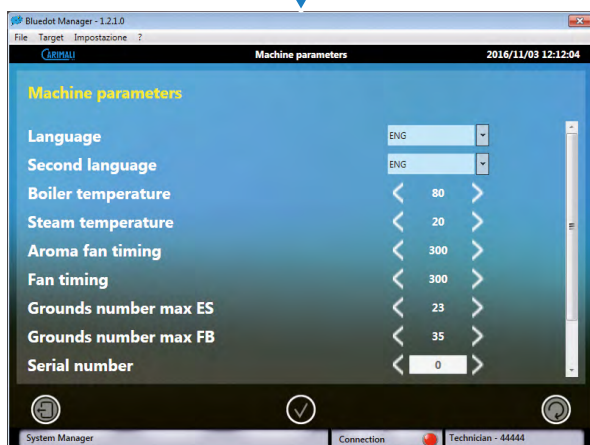
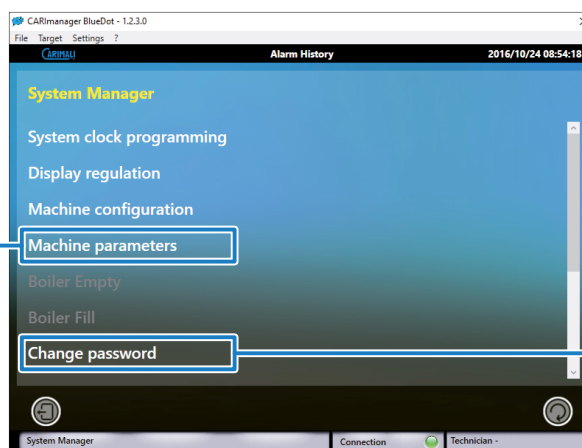


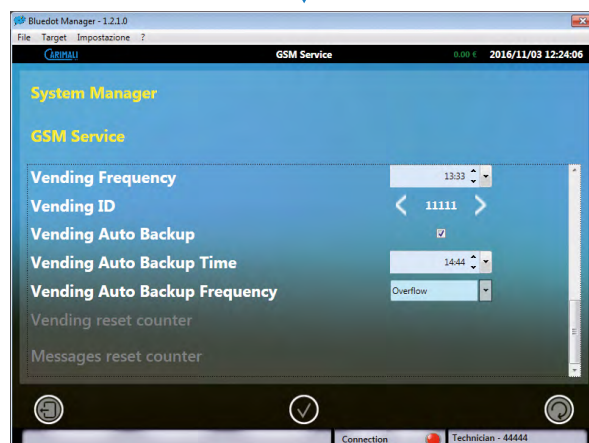
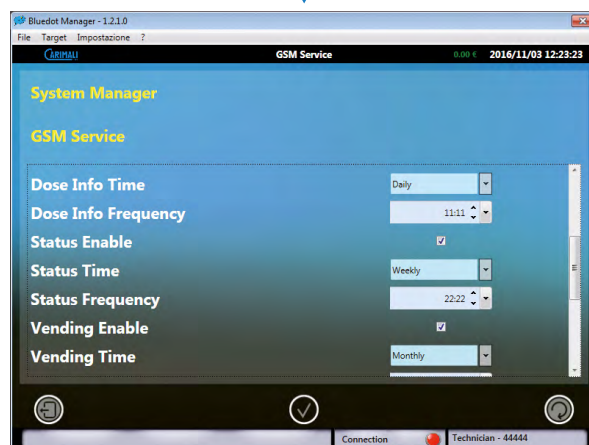
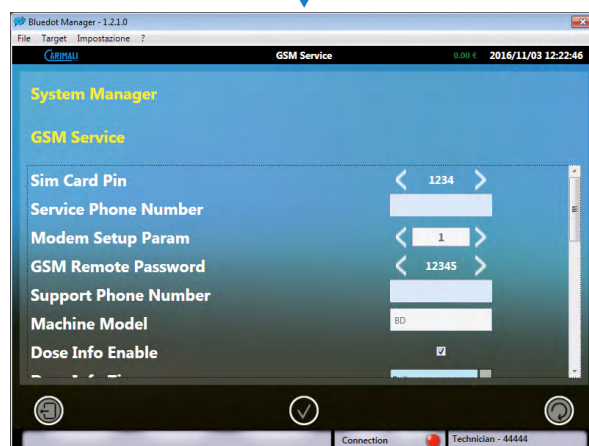
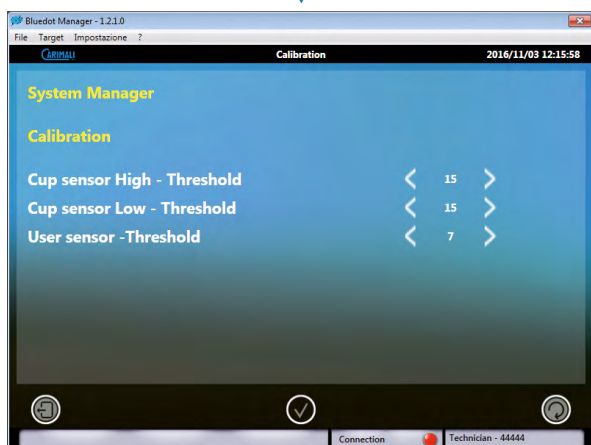
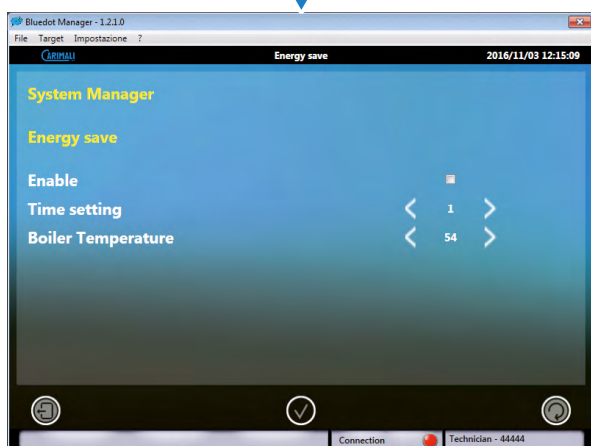
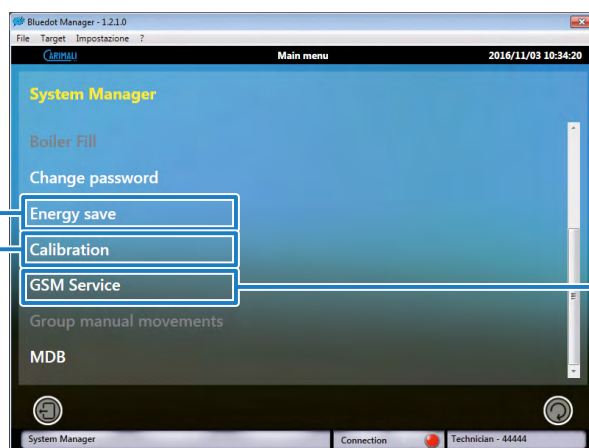


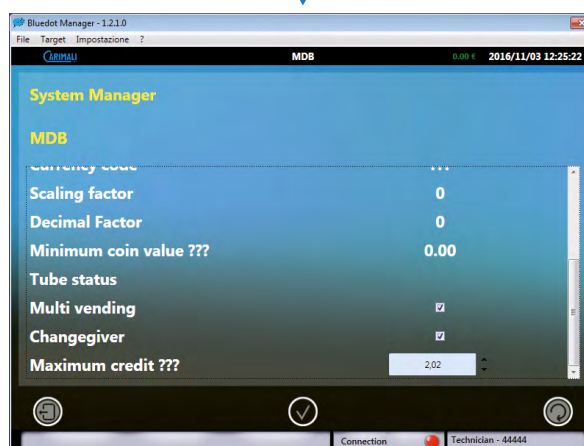
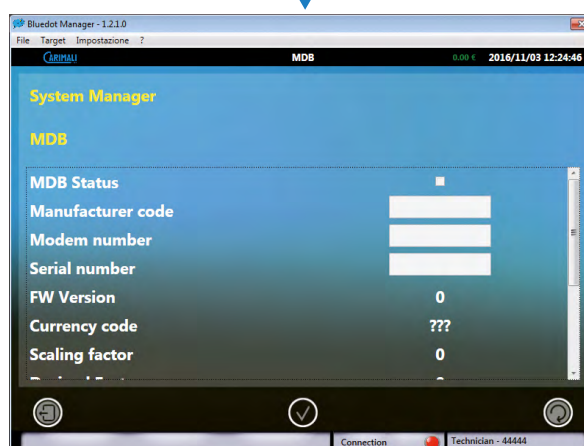
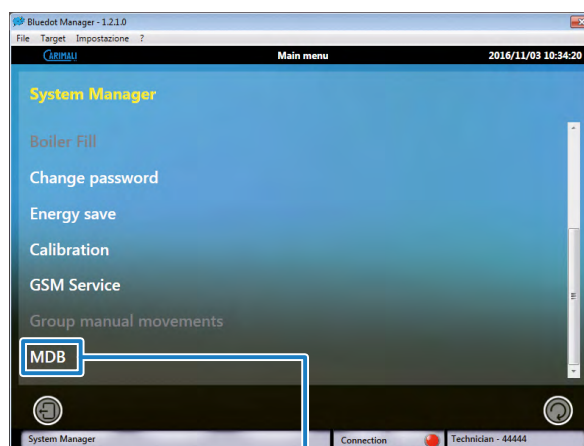


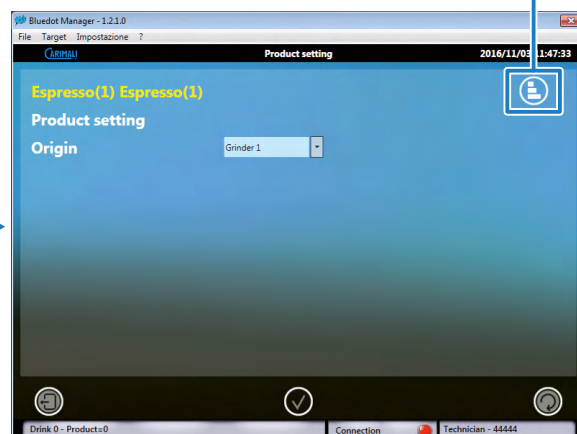
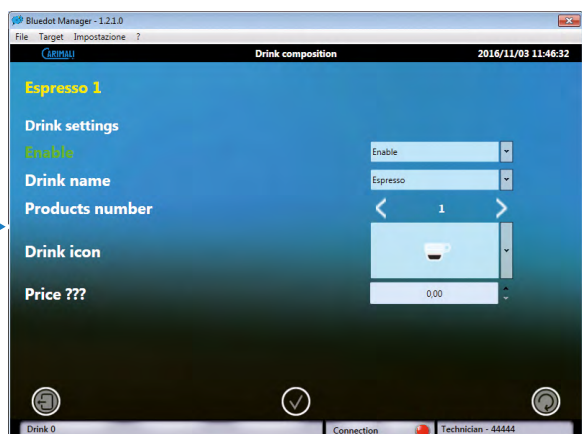
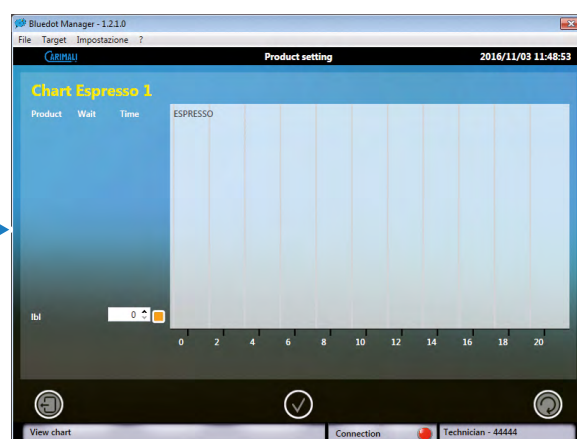
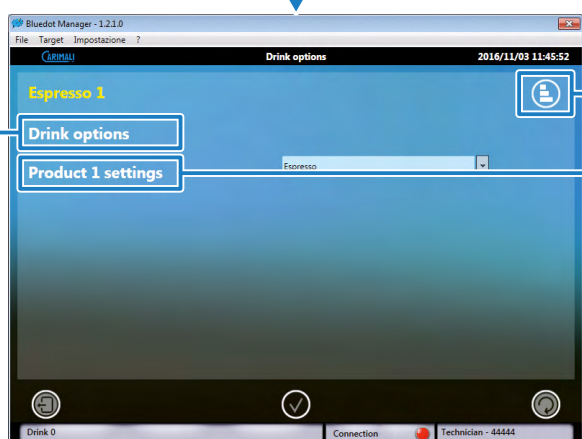
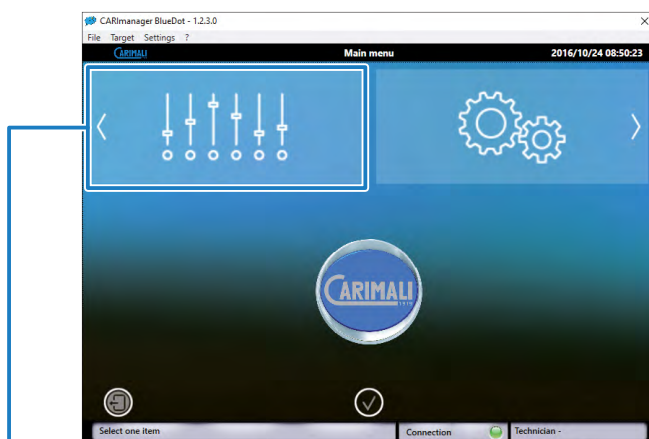




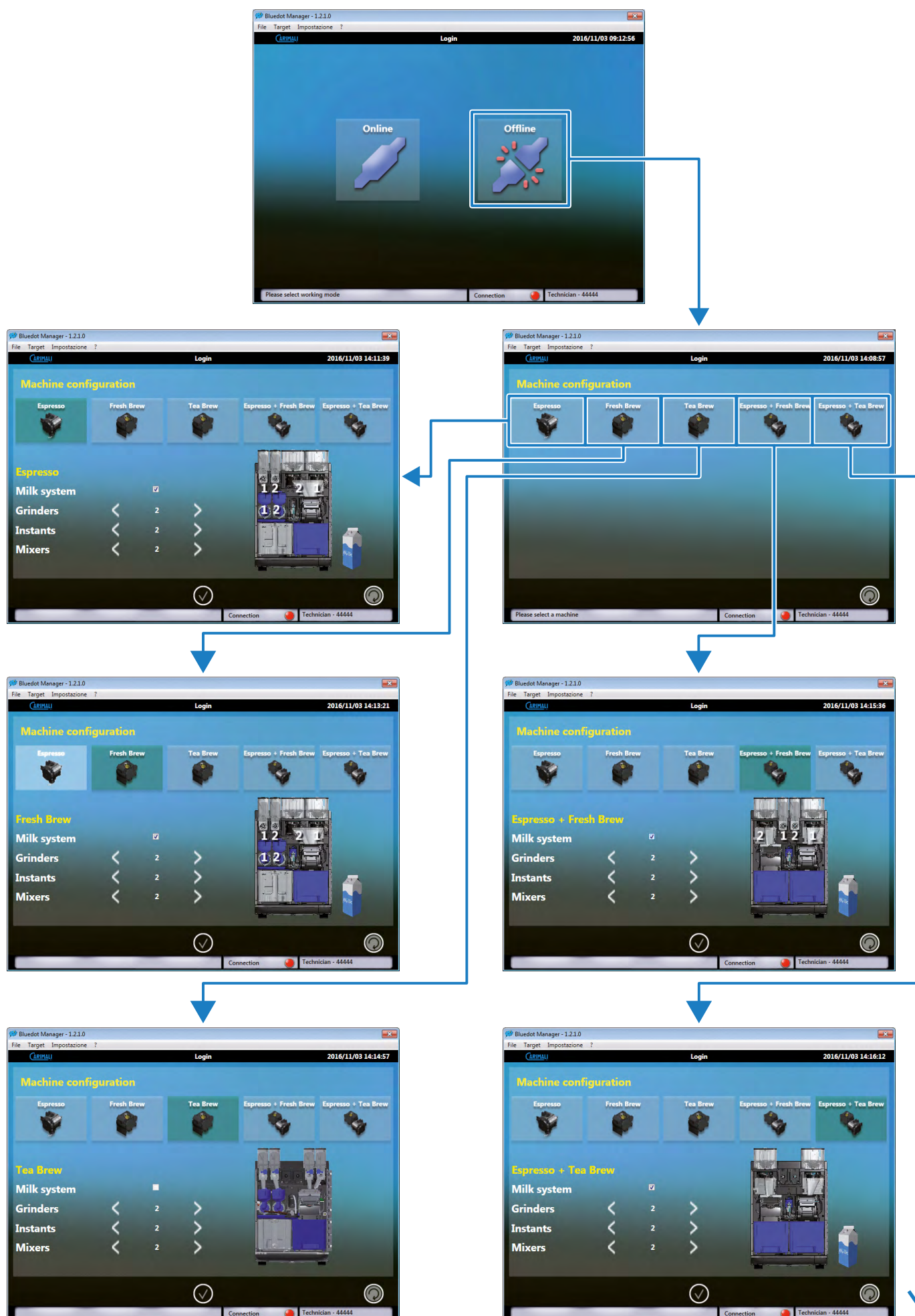


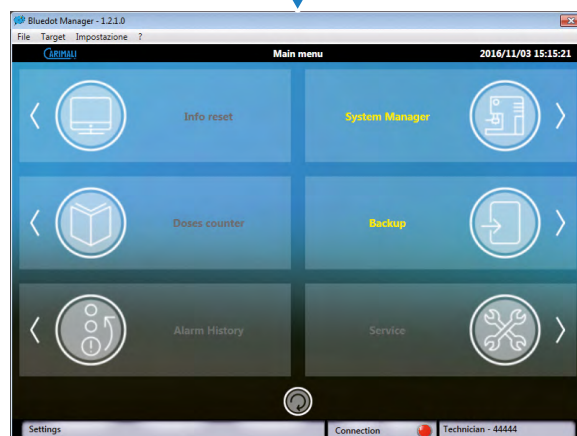


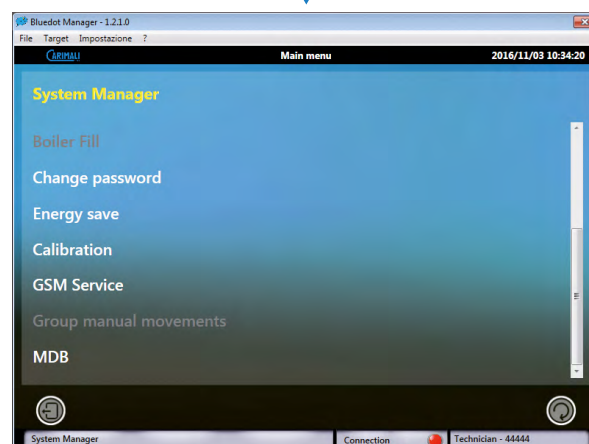
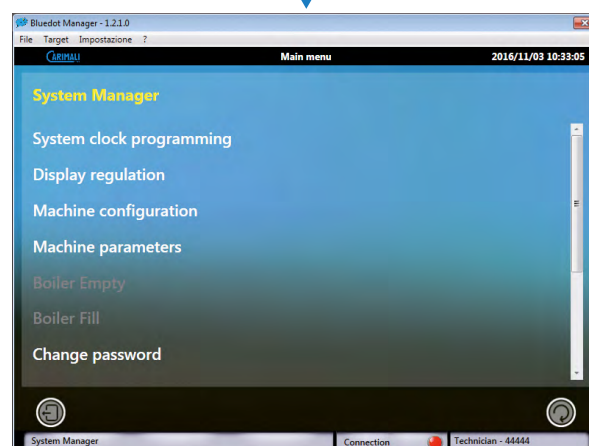
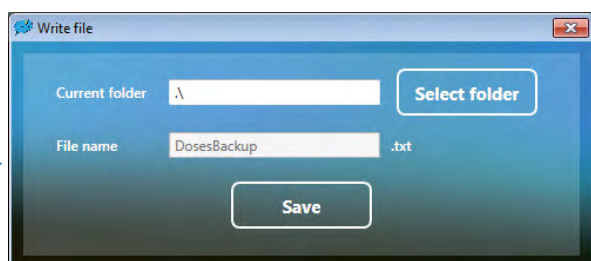
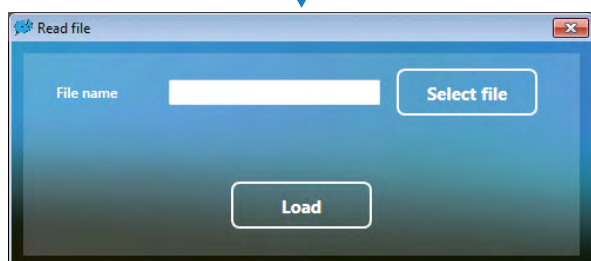
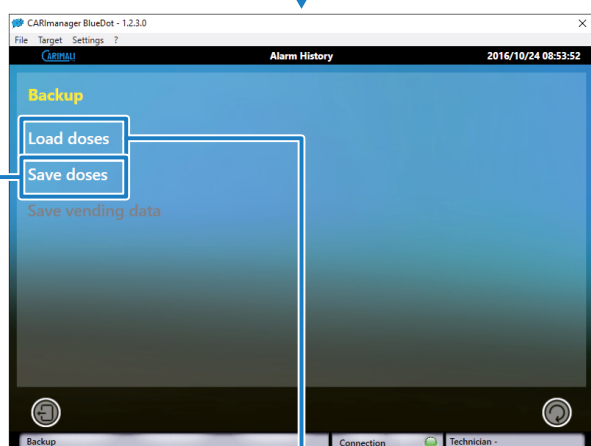
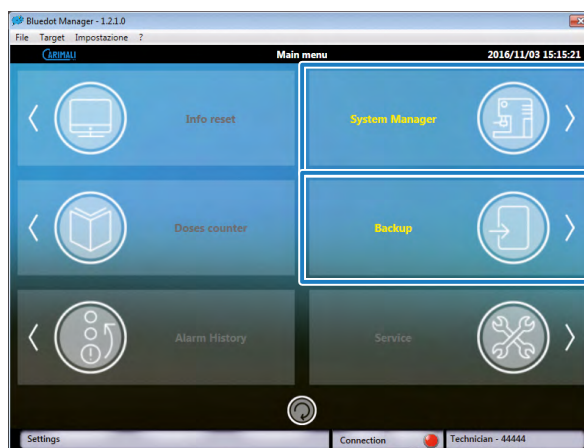




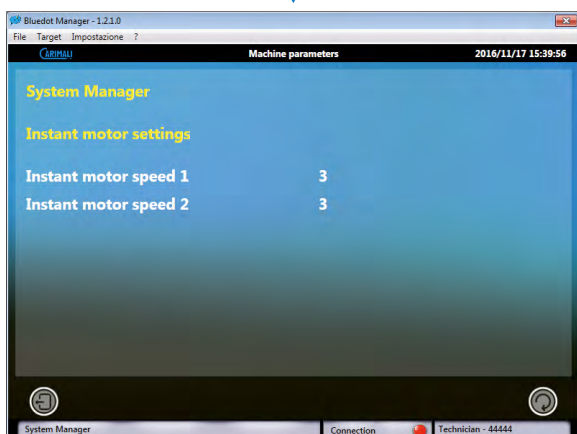
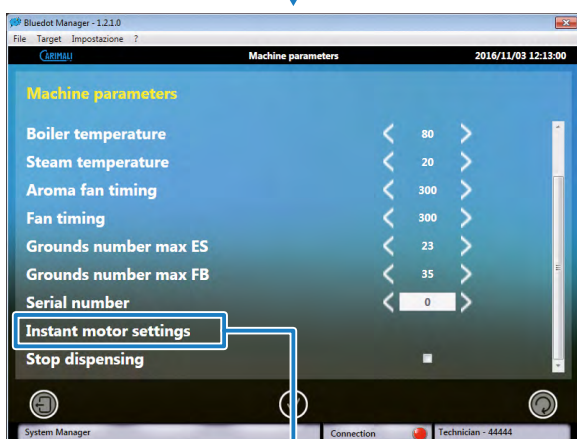
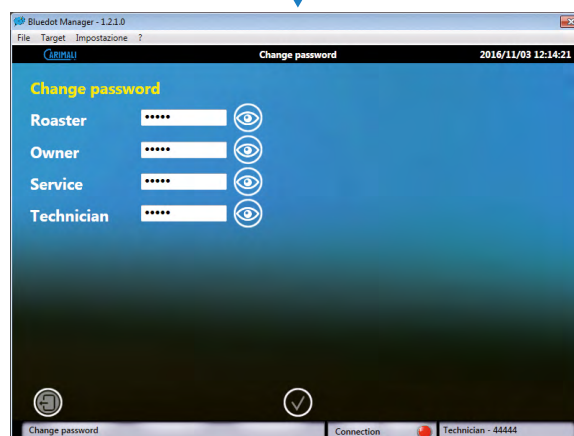
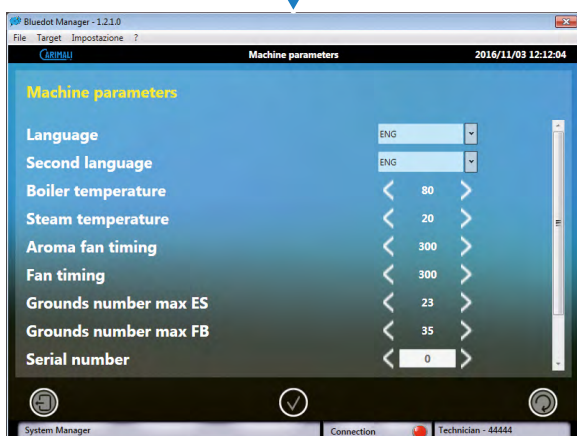
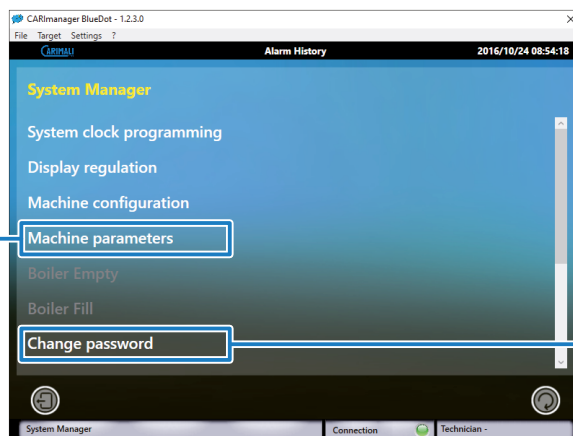
10.2 OFFLINE SESSION

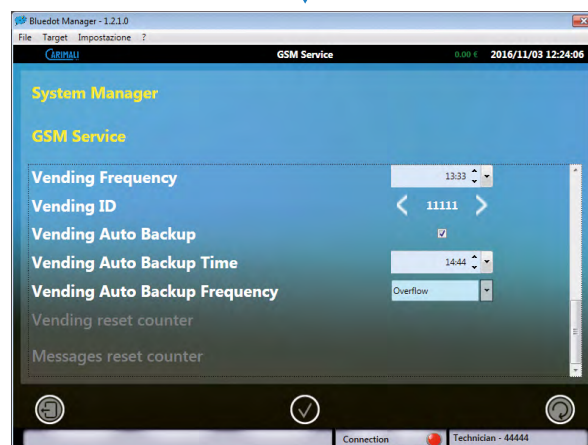
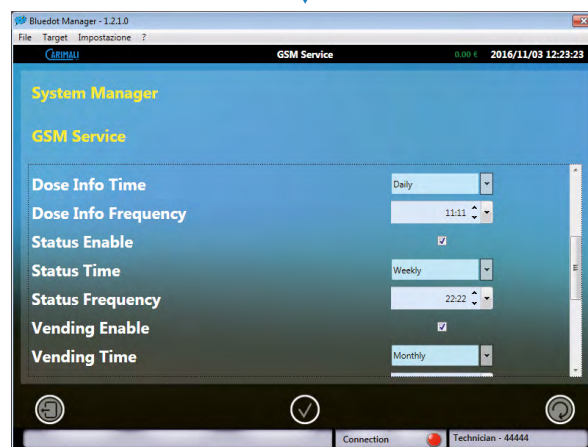
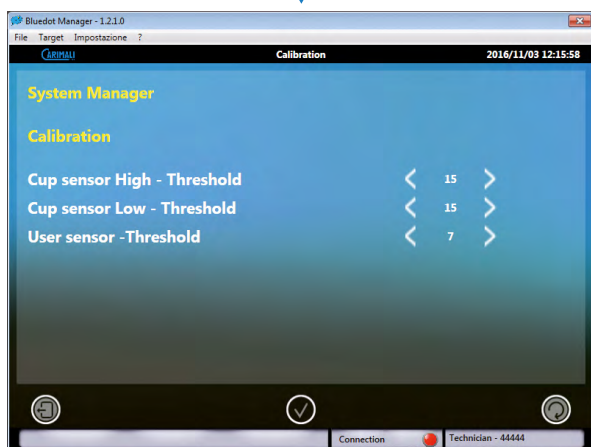
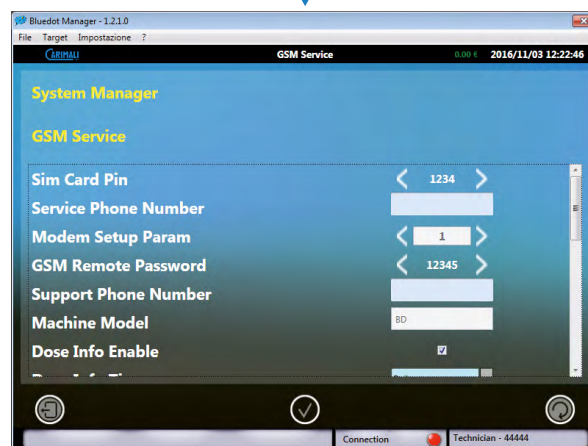
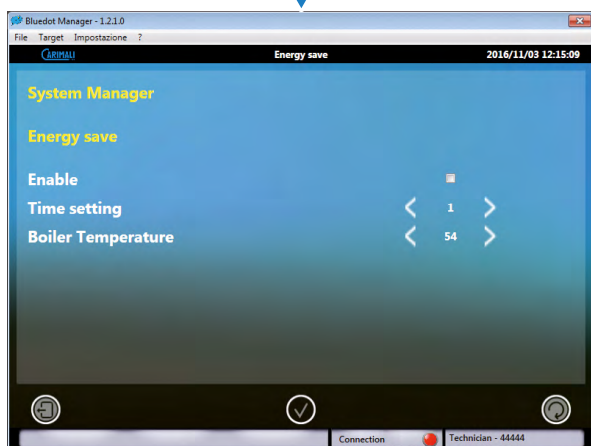
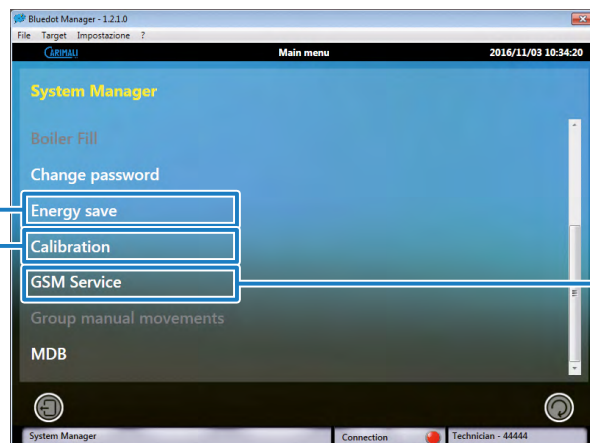


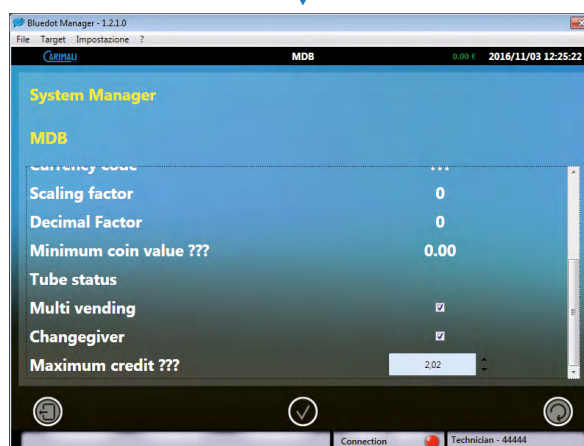
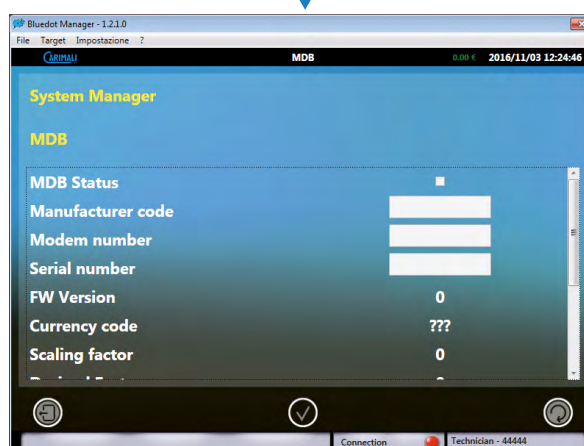
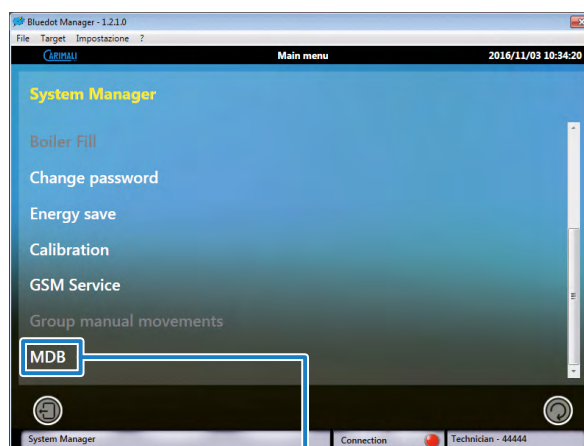

















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