

PARKING
CONTROL SYSTEM



FA00697-EN



INSTALLATION AND PROGRAMMING MANUAL
PS - Management software

EN English

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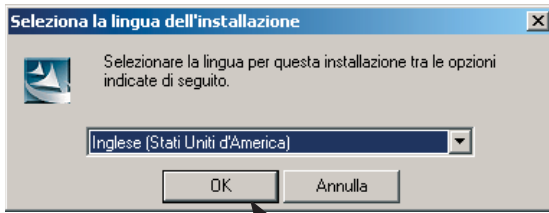
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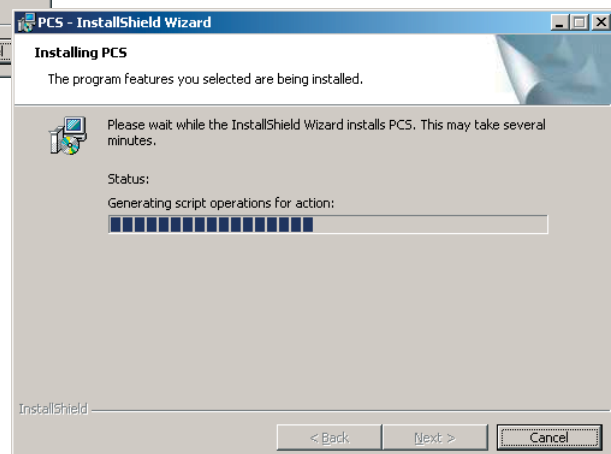
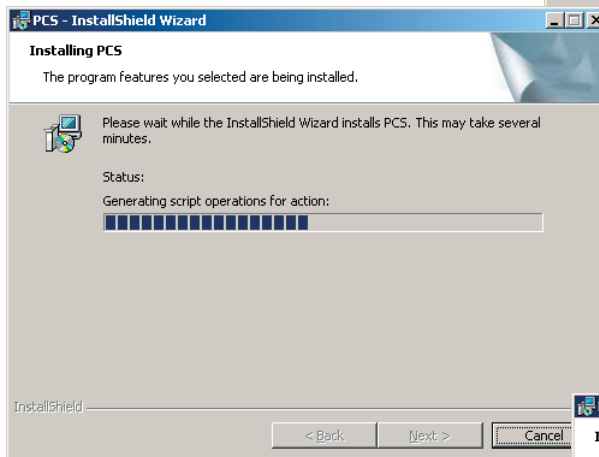
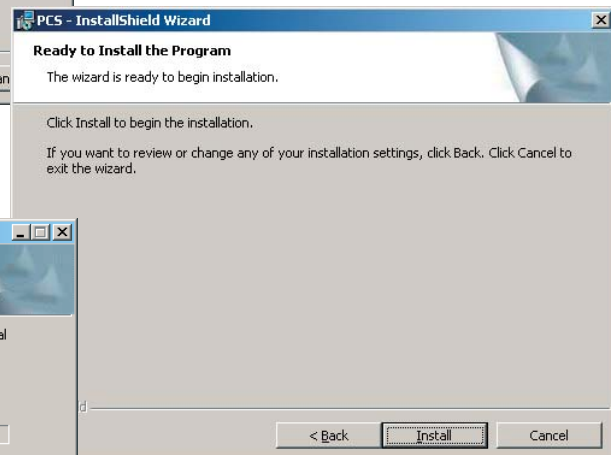
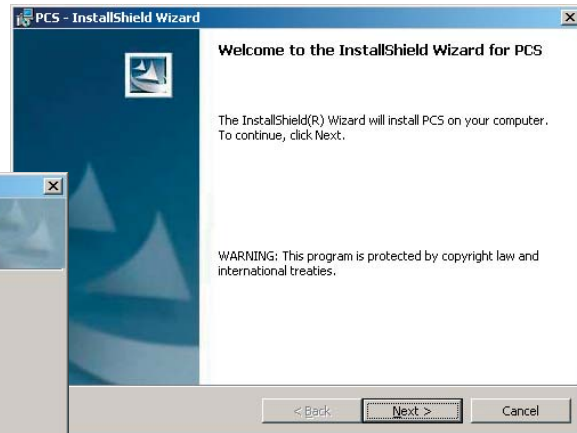
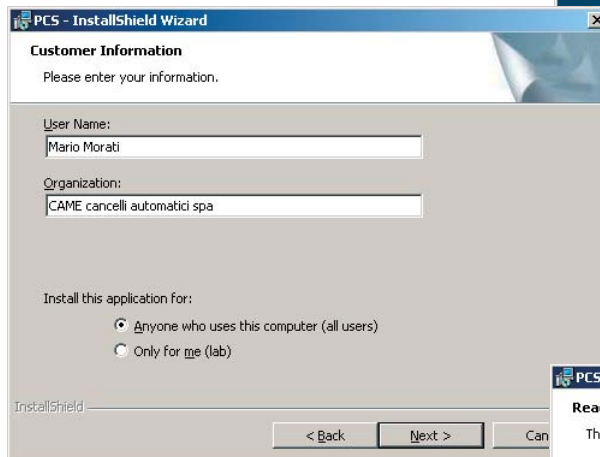
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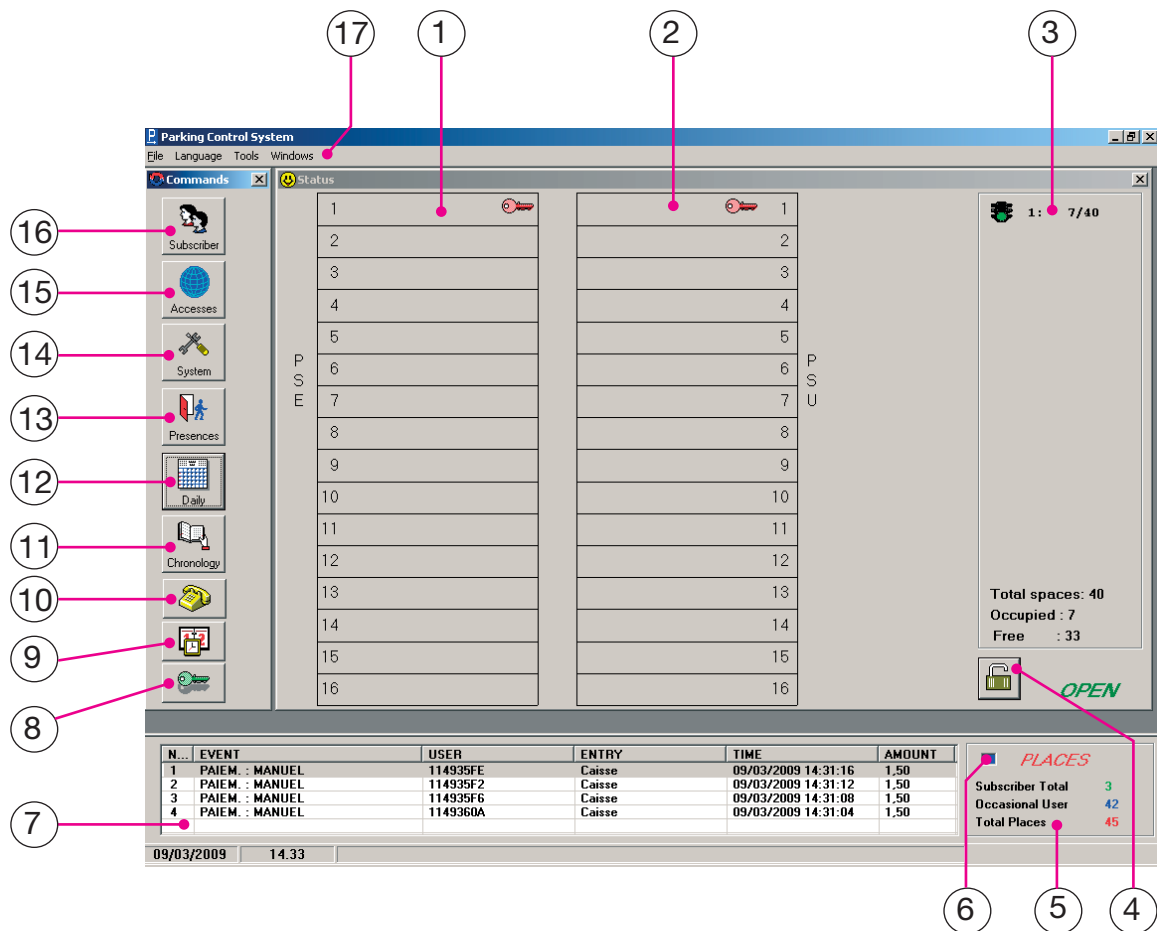
Installing the Software



Insert the CD into the drive train, wait for the installation window, select the required language, then follow the instruction on the screen.



Initial view when program opens



- 1 - PSE status window
- 2 - PSU status window
- 3 - Traffic light status window
- 4 - Button to Block/Open system
- 5 - Occupancy totals window
- 6 - Light signalling communication between the PC and the RBMP1 (only works if all the other windows are closed and monitor is displaying this screen).
- 7 - Window monitoring last four events
- 8 - Accessing the enter-password window
- 9 - Button to update and synchronise date and time with those in the PC.
- 10 - Accessing the "Manage Modem" window
- 11 - Accessing the "System Past Records" window
- 12 - Accessing the "Past Daily Records" window
- 13 - Accessing the "Manage Occupancy" window
- 14 - Accessing the "Configure System" window
- 15 - Accessing the "Accessing and payments" window
- 16 - Accessing the "Manage Registered Parkers" window
- 17 - Command bar for select languages, window closing and control, and for making back ups.

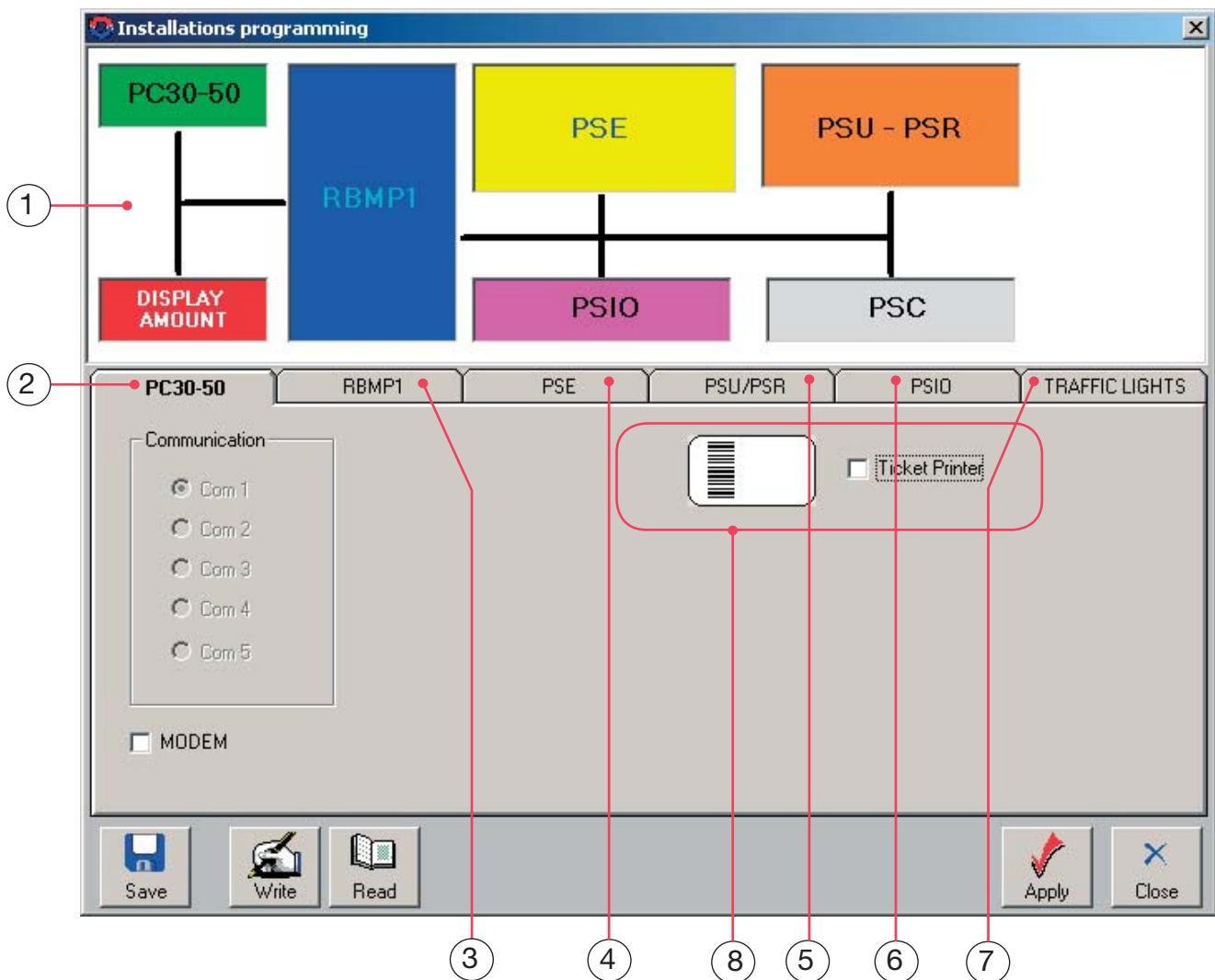
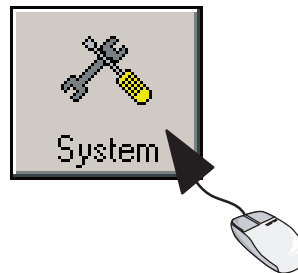
WARNING! After finishing each group of operations you **MUST** update for the changes to become definitive. This symbol will remind you at every time you come across a sensitive procedure!

Update now!





System configuration – Main window



- | | |
|--|---|
| 1 - System graphics window | 5 - PSE4000 – PSU3000 configuration |
| 2 - PC30/50 and MODEM configuration page | 6 - IO cards configuration window |
| 3 - RBMP1 configuration window | 7 - Traffic light configuration (if present) window |
| 4 - PSE4000 – PSE3000 configuration window | 8 - Activation area for tabletop ticket printer (only Zebra GK420d) |



PC30/50 configuration

PC30-50

Communication

- Com 1
- Com 2
- Com 3
- Com 4
- Com 5

MODEM

In the “PC30/50” configuration screenview, choose the PC input port to which the PC30/50 is usually connected (usually COM1).

Warning! *This operation must be done before starting any of the programming and/or configuration operations which are described in the following pages or sections, otherwise the software, when asked to updated and/or save, will signal an communication error.*





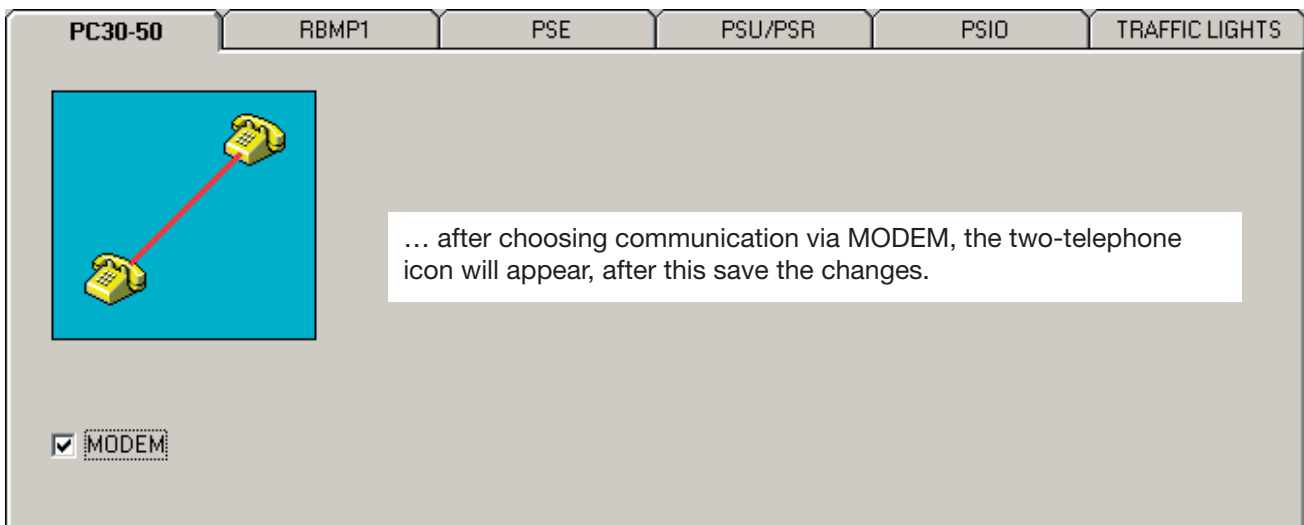
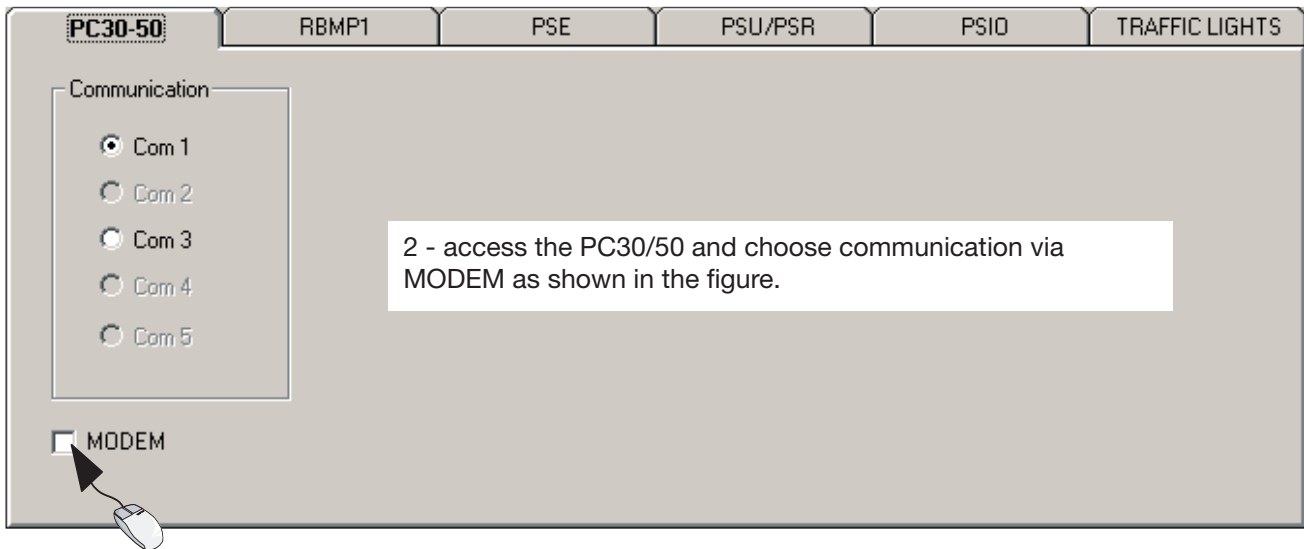
Connecting the remote computer

N.B. The Standard Hayes, GSM or V92 analogic modems may be used.

Communication takes place among, a PC, its modem, the receiving modem and the RBMP1. During connection, you may change any parameter, and read any information. The only thing you may not do is to create new users.



1 - Select system configuration



Update now!



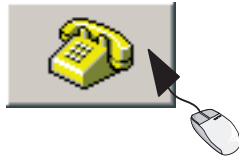
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Remote connection window



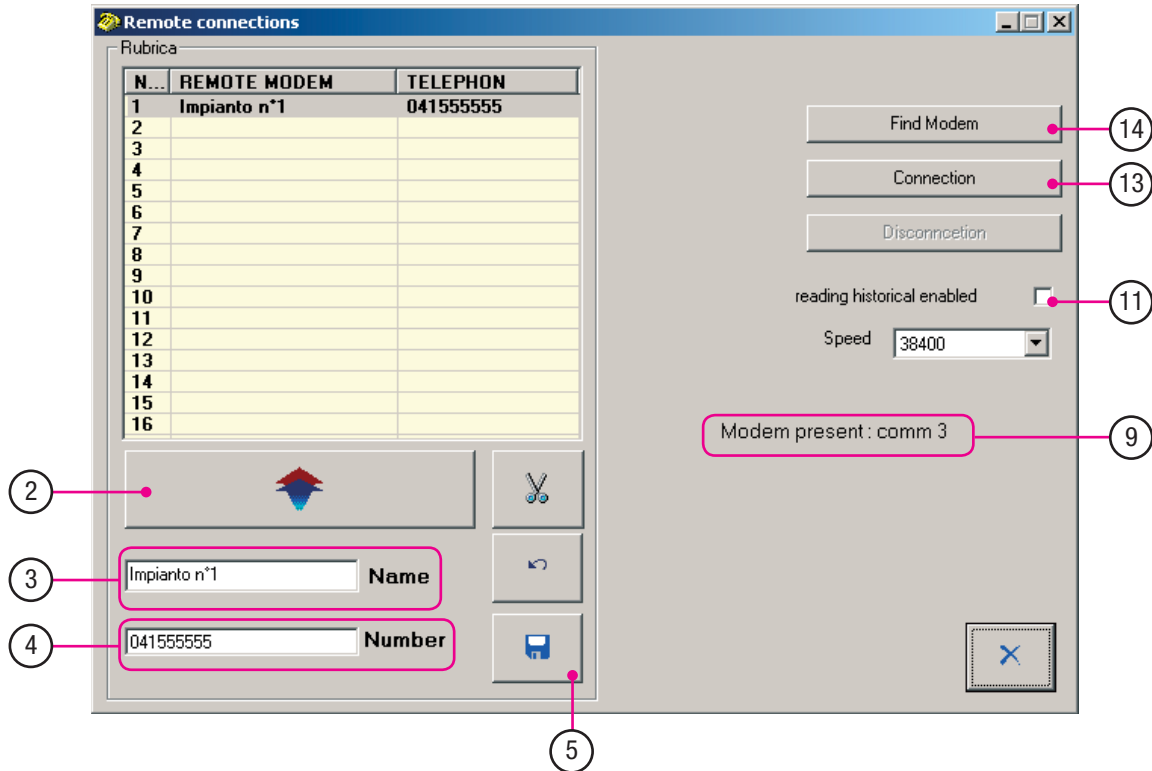
The screenshot shows the 'Remote connections' window with the following elements:

- 1**: A table with columns 'N...', 'REMOTE MODEM', and 'TELEPHON'. The first row contains '1', 'Impianto n°1', and '041555555'. The table is highlighted with a pink border.
- 2**: A button with a red and blue arrow icon.
- 3**: A text input field containing 'Impianto n°1' with the label 'Name'.
- 4**: A text input field containing '041555555' with the label 'Number'.
- 5**: A save button with a floppy disk icon.
- 6**: A cancel button with a red 'X' icon.
- 7**: A cancel button with a blue 'X' icon.
- 8**: A close button with a blue 'X' icon.
- 9**: A warning bar that says 'Modem present : comm 3'.
- 10**: A dropdown menu for 'Speed' set to '38400'.
- 11**: A checkbox labeled 'reading historical enabled'.
- 12**: A 'Disconnection' button.
- 13**: A 'Connection' button.
- 14**: A 'Find Modem' button.

- 1 - Address book viewing window.
- 2 - Button to key input names and numbers.
- 3 - Field for inputting remote modem name (obligatory).
- 4 - Field for inputting telephone number (modem connected to RMBP1 card).
- 5 - Save button.
- 6 - Cancel operation button.
- 7 - Cancel user button.
- 8 - Close button.
- 9 - Modem connected warning bar.
- 10 - Modem connection speed (analogic 9600, GSM 38400).
- 11 - Selection to activate system past records reading via remote connection.
- 12 - Modem disconnect button (highlighted when connected).
- 13 - Modem connection button (highlighted when connected).
- 14 - Button to detect which modem is installed and the relative connection port.



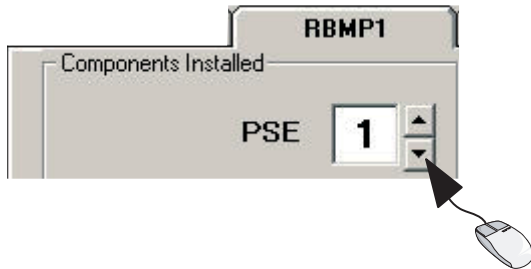
Activating the modem in the connection window



- A - Assign telephone number [4] and a name [3] to the remote modem (check whether the line is free or blocked by a switchboard).
- B - Confirm in the address book by clicking button [2].
- C - Detect system modem [14] (the detected modem is connected to our PC), the following text [9] will appear "modem present: com x".
- D - Decide whether to enable past records reading [11].
- E - Save changes [5].
- F - Launch the call by clicking [13].
- G - Once connected, the remote connection window will close automatically to an icon (the telephone icon will change status, by flashing red).



Selecting installed components



Use mouse to select the number PSE4000s – PSE3000s installed in the system (up to a maximum of 16 units)



Select the total number of PSU4000s and PSU3000s installed in the system (up to a maximum of 16 units)



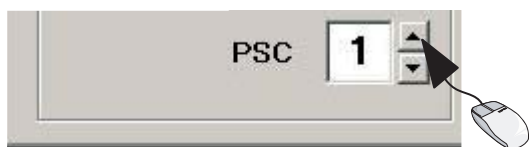
Select the number of I/O cards (if present) up to a maximum of 8.

The I/O cards serve to manage any additional elements: coils, traffic lines, lights, signage, etc..



Select the number of traffic lights installed up to a maximum of 16.

If there is more than once traffic light: the total number of traffic lights is not counted, because it has a dedicated command.



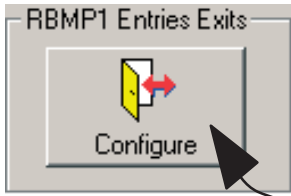
Select the number of PSC4000/PSC3000 Cash registers (if present) up to a total of 8.

Update now!

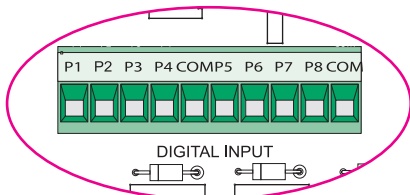




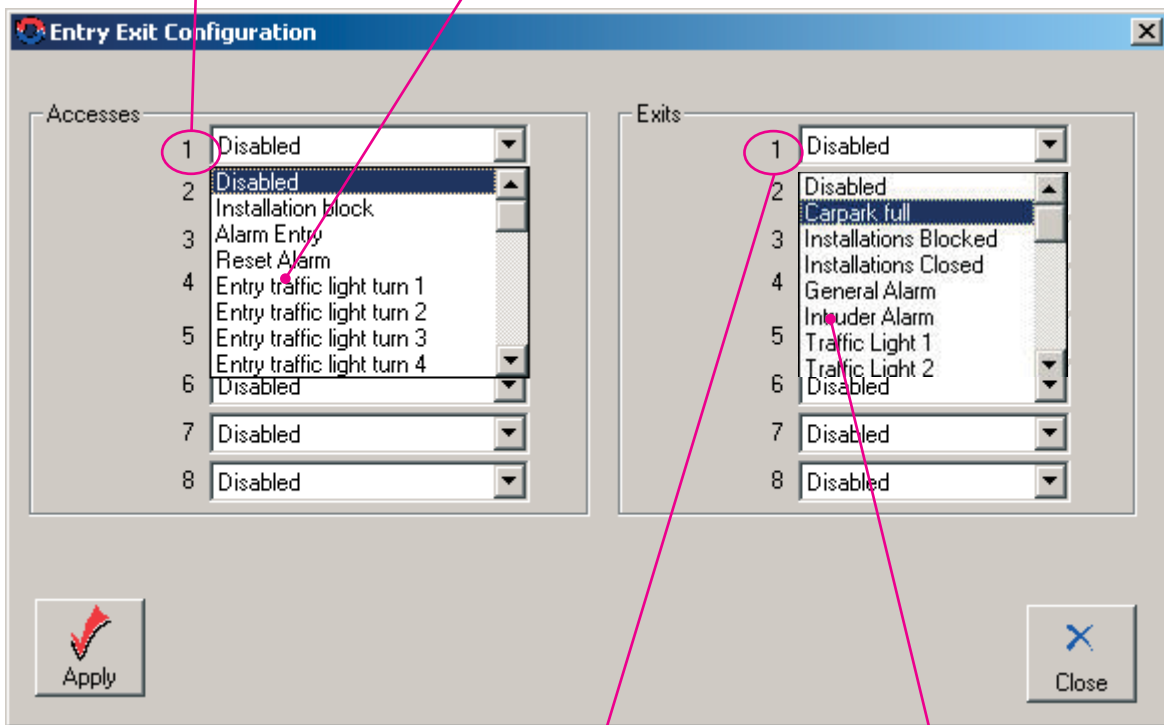
Configuring RBMP1 digital inputs and outputs.



Clicking this button opens the digital functions assignment window, for both RBMP1 input and output, as detailed below.

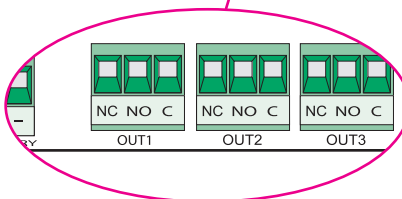


Number of digital inputs to set.



Assigned function

Assigned relay number

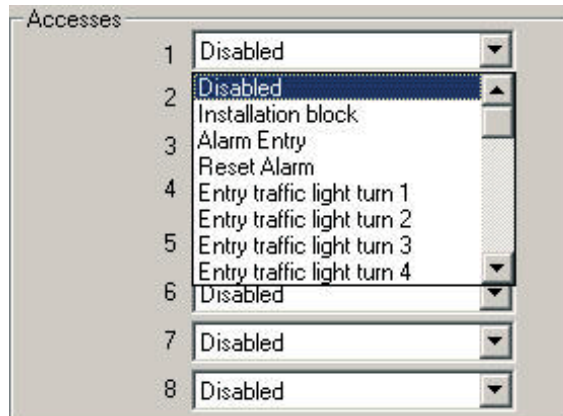


Command



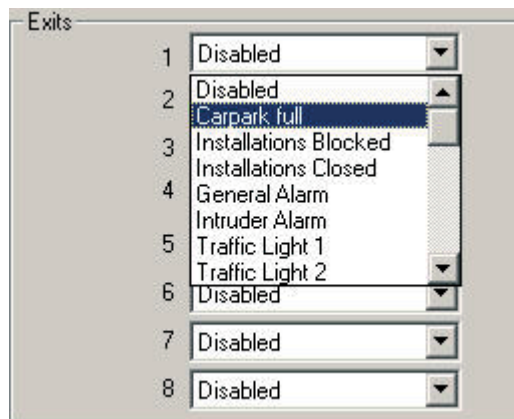


Entrance and exit functions



ENTRANCES

DISABLED	No function is assigned.
BLOCK SYSTEM	Associates blocking of all parking facility functions.
ALARM ENTRANCE	Associated to an alarm signal that may be activated by a button or contact.
RESET ALARM	For deactivating the alarm signal.
TRAFFIC LIGHT N.# ENTRANCE COIL	Associates an entrance coil to a traffic light.
TRAFFIC LIGHT N.# EXIT COIL	Associates an exit coil to a traffic light.

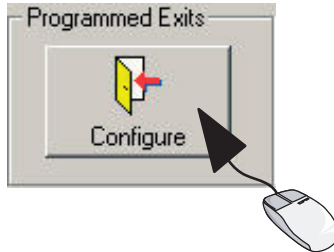


EXITS

DISABLED	Nothing is commanded.
PARKING FULL	Warns when all spaces are taken, and commands the general traffic light.
SYSTEM BLOCKED	Activates a contact when the system is blocked.
SYSTEM CLOSED	Activates and exit when the system is closed.
GENERAL ALARM	Activates a contact when the alarm is on.
BREAK IN ALARM	The relay triggers when a non-enabled card or token is passed over the sensor.
TRAFFIC LIGHT N. #	This selects the traffic light to be commanded.



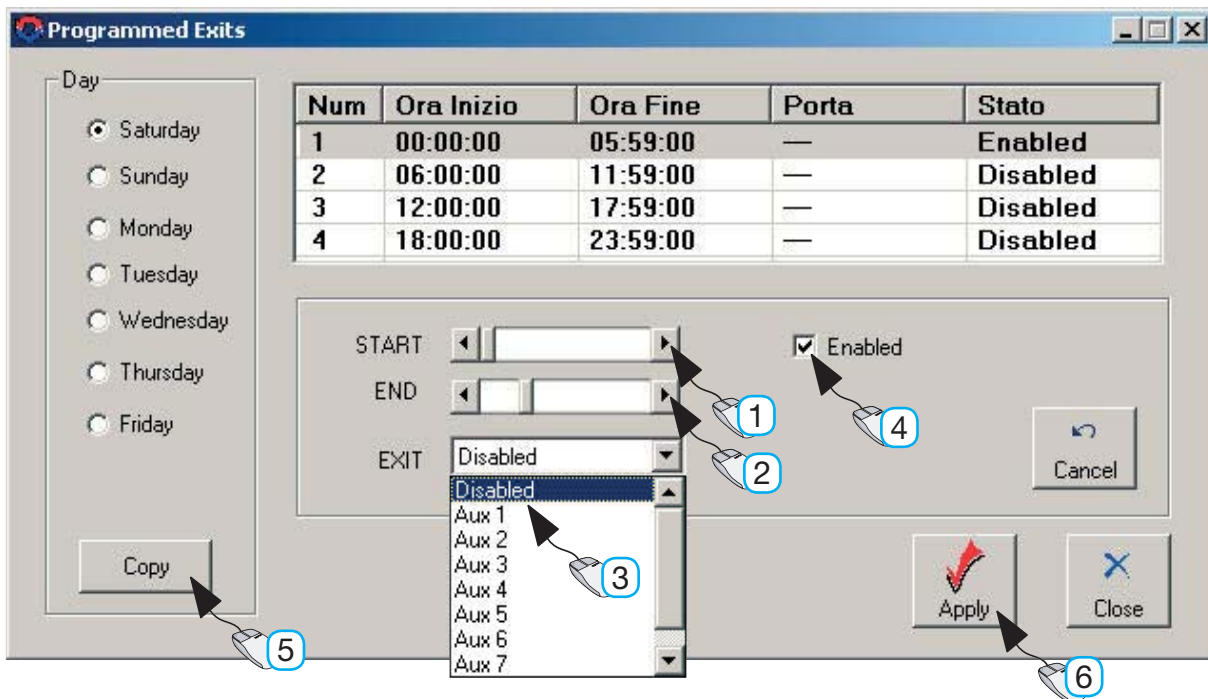
Configuring scheduled exits



Clicking on this button, opens a window which allows you to set scheduled exits.

Scheduled exits: timed control of one or more relays.

The scheduled relays may be used, for example, to control the lighting or other devices which have to come on during a scheduled time interval.

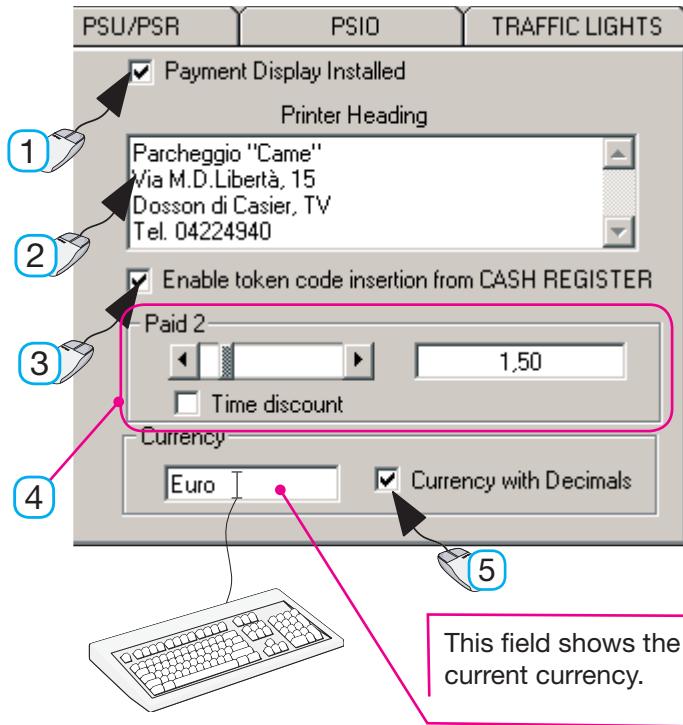


- 1 - Set the relay activation time
- 2 - Set the relay deactivation time
- 3 - Associate exit (the engaged relay)
- 4 - Enable the event
- 5 - Choose days required (pressing the Copy button, assigns that same day's setting over all the others)
- 6 - Click on Apply to enable the changes.

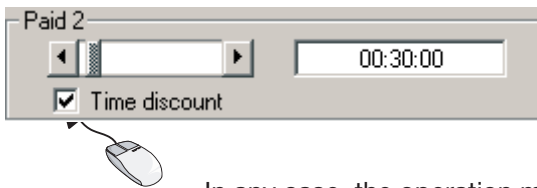




Configuring cash register peripherals



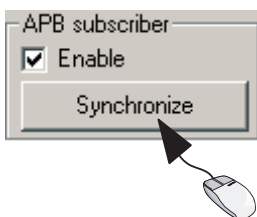
- 1 - Selecting the "Display installed payment" item, activates the additional display for reading the amount.
- 2 - In this box write the heading (max 20 characters per line) which will appear on all print outs.
- 3 - Selecting the "Enable load token from cash register" item, makes it possible to enable the tokens independently of the PSE4000 entrance unit.
- 4 - In the Paid 2 field set a payable amount (different than the standard rate) handled only by the manned cash registers, that is, PC30/50-PSC1 - PSC3, PAID2 key). Activating "time discount", this amount turns into a free parking period (see example below).
- 6 - Selecting the "Currency with decimals" item, will set the system from whole amounts (1030) to amounts with points (10.30).



Example: by setting 30 min of time discount, ...

- after 20 min, the software handles it as if payment has been made:
- after 50 min, the software calculates the time difference (20 min) and relative amount left-over to pay (20 x standard rate).

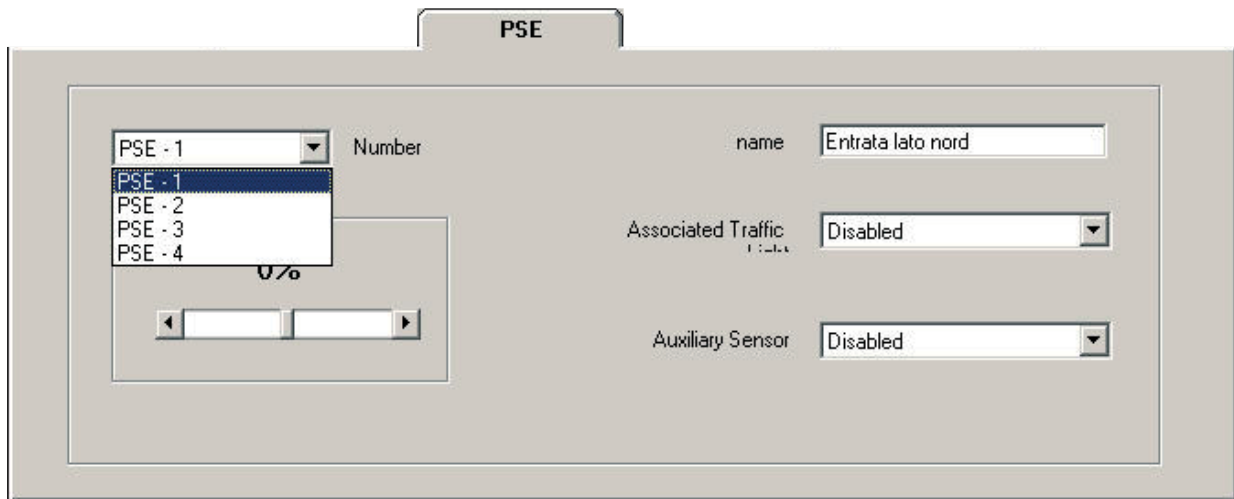
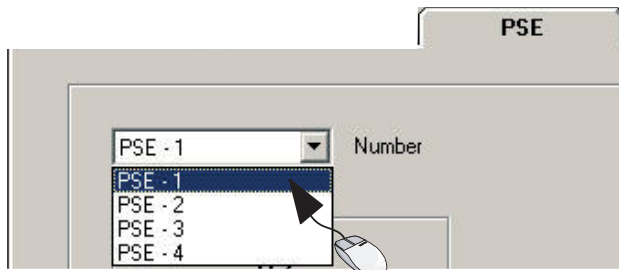
In any case, the operation must be logged by pressing the PAID2 key; otherwise, parkers will have to pay the standard tariff to exit the facility.



Enabling the APB registered parkers function, enables the Anti Pass Back for all registered parkers. In the event of a power outage or other power source problems, we advise you to select the Synchronise function, which allows resetting the system to proper functioning status (if the registered parkers APB function is selected).



Configuring the PSE

Select the PSE to configure (the PSE number is already inputted) .



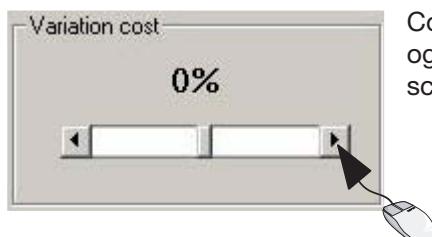
By assigning it a name depending on the parking lot set up.



If needed, you may associate the PSE unit to a specific traffic light.



If present, enable an auxiliary sensor.



Con questo comando si può far variare il costo percentualmente su ogni singola PSE, ad esempio in un parcheggio con aree coperte e scoperte, si può associare un costo maggiore alle aree coperte.

Update now!



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Configuring the PSU

Select the PSU to configure (the PSE number is already inputted).

Select the function required of the exit unit.

Warning!! If the function is different than the PSU (see below) then Sensor 1 is also activated. This sensor, if present, must be enabled.

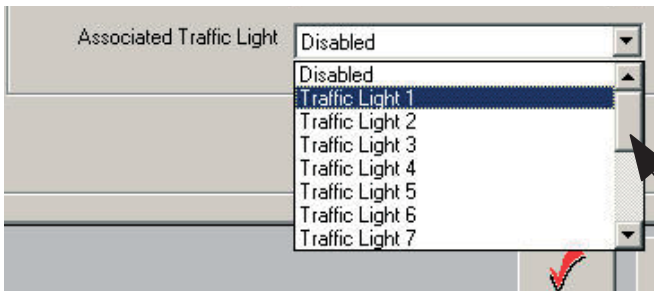
If present , enable an auxiliary sensor.

PSU FUNCTIONS

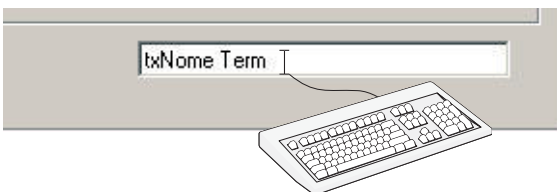
PSU	Standard function of an exit unit.
REGISTERED PARKERS ENTRANCE	The unit is used only with an entrance sensor for registered parkers.
REGISTERED PARKERS EXIT	The unit is used only with an exit sensor for registered parkers.
AUTOMATIC PAYMENT	Pass the token over the sensor, this automatically enables the exit without having to use the PC.
LOAD TOKEN	Pass a still inactive token and load it within the system.
REGISTERED PARKER PASSAGE (Pedestrian)	Allows entrance and exit of registered parkers, via a pedestrian opening without charging any prepaid credits.

Update now! → + +

Configuring the PSU



If needed, the PSU unit can be associated to a specific traffic light.



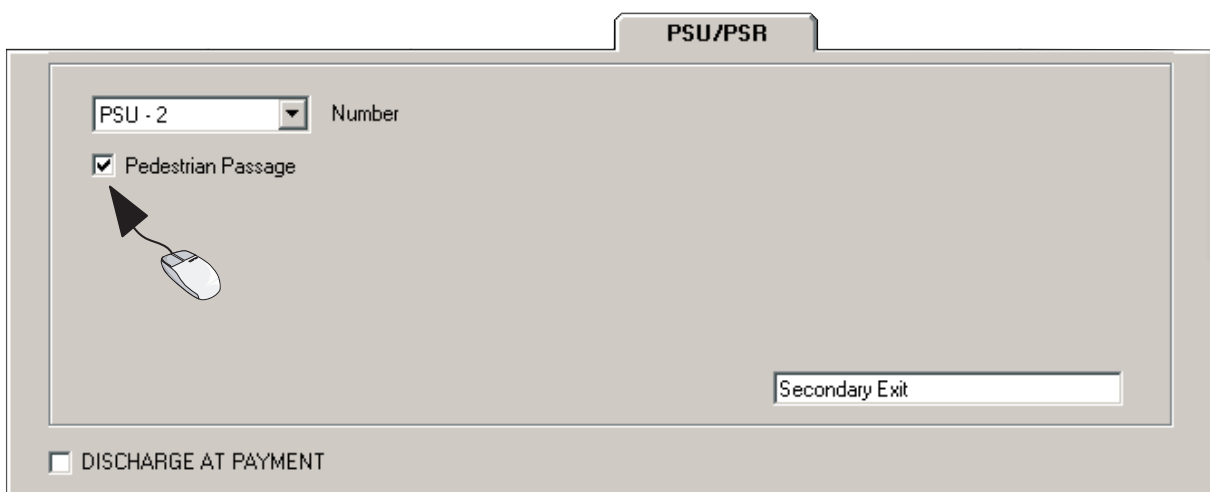
In this string you assign a name to the PSU unit depending on the need and on the set up of the parking facility.



Selection to use on systems where payment is made to staff who then command the exit. It is for deleting the user's entrance log.



Pedestrian passage



The Pedestrian Passage, allows entrance and exit of registered and occasional users, through a pedestrian opening, without charging any prepaid credits.

Update now!



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Setting the PSIO1

PSIO

Number	Accesses	Exits
IO 1	1 Disabled	1 Disabled
IO 2	2 Disabled	2 Disabled
IO 3	3 Disabled	3 Disabled
	4 Disabled	4 Disabled
	5 Disabled	5 Disabled
	6 Disabled	6 Disabled
	7 Disabled	7 Disabled
	8 Disabled	8 Disabled

Accesses

1	Disabled
2	Disabled
3	Installations Block
4	Entry Alarm
5	Reset Alarm
6	Traffic light entry turn 1
7	Traffic light entry turn 2
8	Traffic light entry turn 3
	Traffic light entry turn 4
	Disabled
	Disabled
	Disabled

Select the I/O card to configure and associate a function to each entrance present. This will activate an exit relay...

Exits

1	Disabled
2	Disabled
3	Carpark full
4	Blocked installations Blo
5	Installations Closed
6	General Alarm
7	Intruder Alarm
8	Traffic Light 1
	Traffic Light 2
	Disabled
	Disabled
	Disabled

...and in the same way for the relative exit relay (see page 13 for functions).

Update now!



Setting Traffic lights



TRAFFIC LIGHTS


Traffic Light 1 Number

Traffic Light 1
 Traffic Light 2
 Traffic Light 3

Size

Occupied

Use Turn



Size

Occupied

Use Turn

Exclude from total

Occupied

Use Turn

Exclude from total

Select the traffic lights to configure and complete as follows:

- in the “Dimensions” box indicate the quantity of vehicles associated to that traffic light;
- in the “Occupied” box indicated the number of occupied or reserved parking spaces.
- If “Use Coil” is selected, the increase or decrease in vehicles will be done via magnetic coil detection.
- “Exclude from total” cuts the traffic light out of the total count mentioned on the next page.

Update now!



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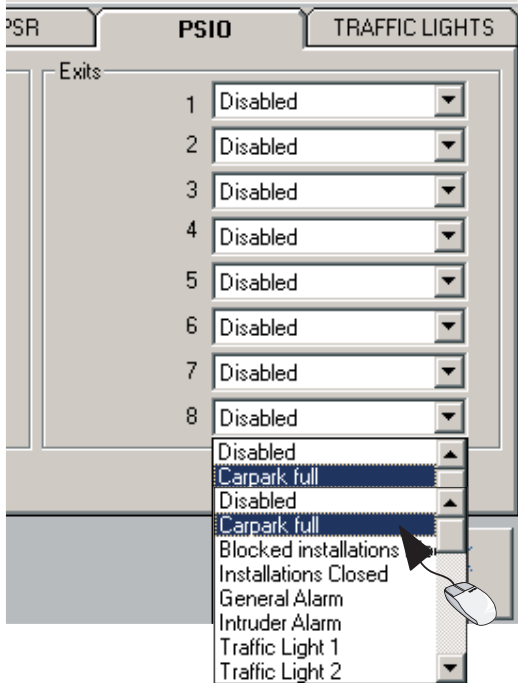


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Setting total Traffic lights



To set the total traffic lights, which accounts for the single traffic lights in a system (e.g. when there are multiple levels and/or separate zones), the relative exit must be set, on the PSIO or on the RBMP1, as “Parking Full”.



N.B.: this traffic light must not be counted in the installed components (see page 11).



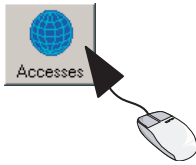
Update clock

Button to update the system clock for all connected devices. It is needed, for example, when changing time setting on the PC (daylight savings time or GMT) and any time configuration changes are made to the software.

Important! For system to work properly, the date and time must always be up-to-date.

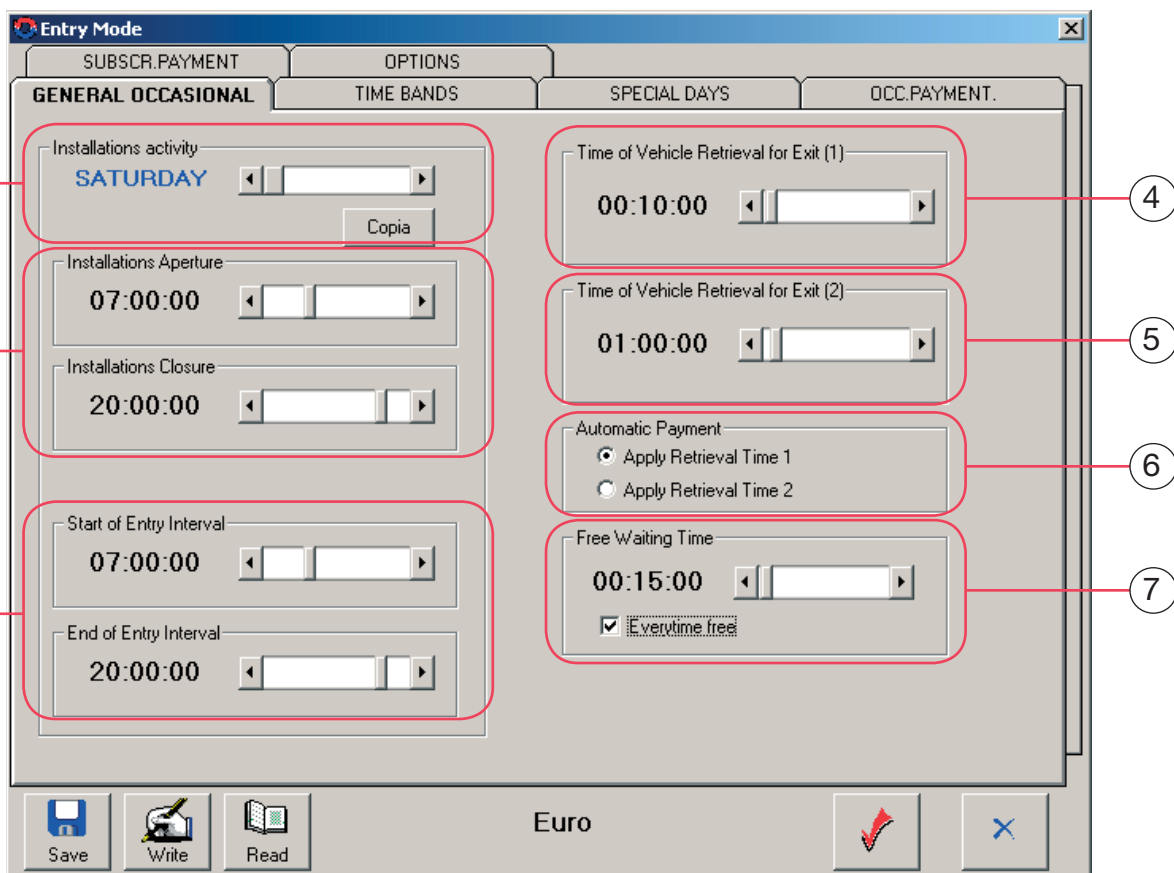


General Occasional

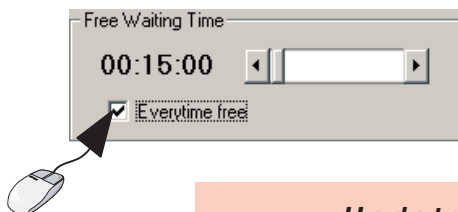


Clicking this button opens the window for setting the accesses and payment methods.

By "General Occasional" we mean the system's time settings, for occasional users, that is non-registered users that can use the parking facility with a token (PS4000) or ticket (PS3000).



- | | |
|--|--|
| 1 - Day to set | 5 - Second vehicle exit time |
| 2 - Opening and closing time of the facility | 6 - Select default vehicle retrieval time |
| 3 - Entrance beginning and end times | 7 - Free time interval (driving through and not stopping) before charging, see below |
| 4 - Vehicle exit time (between payment and exit) | |



If exiting after said interval, the time will be accounted for and charged accordingly. By selecting "always free" however, even once said time is elapsed, only the difference will be payable.

Update now!





Time bracket

The time brackets are obligatory only when the "Use time bracket" is selected in the payment window.
 By free time bracket we mean a time interval that is free of parking charge.
 Up to a maximum of 4 time brackets can be programmed into the system.

No.	Starting time	Ending time	Cost	Time
1	00:00:00	05:59:00	1,00	1/2 hour
2	06:00:00	11:59:00	1,00	1/2 hour
3	12:00:00	17:59:00	1,00	1/2 hour
4	18:00:00	23:59:00	1,00	1/2 hour

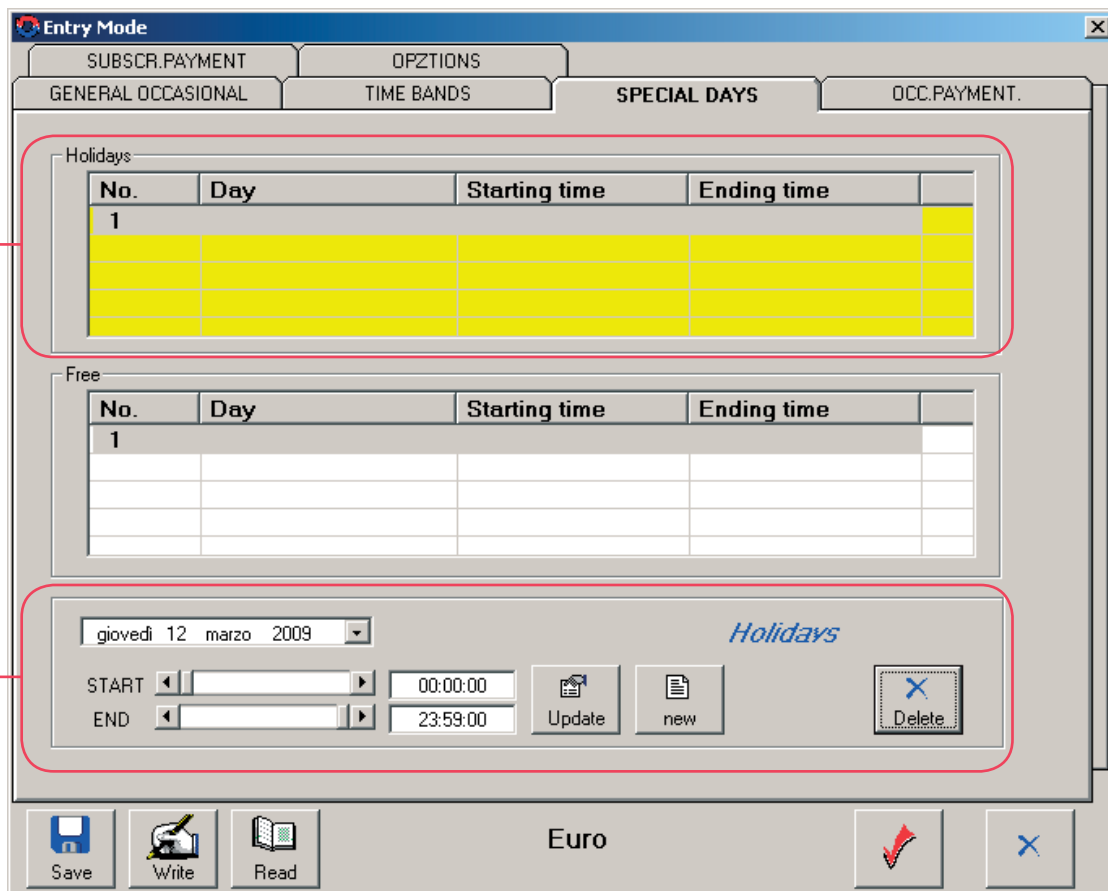
Day	Starting time	Ending time
Saturday	00:00:00	00:00:00
Sunday	00:00:00	00:00:00
Monday	00:00:00	00:00:00
Tuesday	00:00:00	00:00:00
Wednesday	00:00:00	00:00:00
Thursday	00:00:00	00:00:00

- 1 - Day to set (to apply the same setting to all days press Copy)
- 2 - Window for selecting and viewing time brackets
- 3 - Frame box for setting the time bracket (to apply the same settings to all days press Copy*)
- 4 - Table for setting free time brackets.




Special days
Holidays

Special holidays means those days in which access is only granted to registered parkers and not to occasional parkers.



The screenshot shows the 'Entry Mode' software interface with the 'SPECIAL DAYS' tab selected. The interface is divided into several sections:

- Holidays Table (1):** A table with columns 'No.', 'Day', 'Starting time', and 'Ending time'. It contains one row with the number '1' in the 'No.' column.
- Free Table:** A table with columns 'No.', 'Day', 'Starting time', and 'Ending time'. It contains one row with the number '1' in the 'No.' column.
- Holiday Setting Box (2):** A box for setting holidays. It includes a date dropdown menu showing 'giovedì 12 marzo 2009', 'START' and 'END' time fields with arrows, and buttons for 'Update', 'new', and 'Delete'.

At the bottom of the interface, there are icons for 'Save', 'Write', and 'Read', and a 'Euro' label. A red checkmark icon and a close button are also visible.

1 - Table for viewing holidays

2 - Box for setting holidays

Update now!



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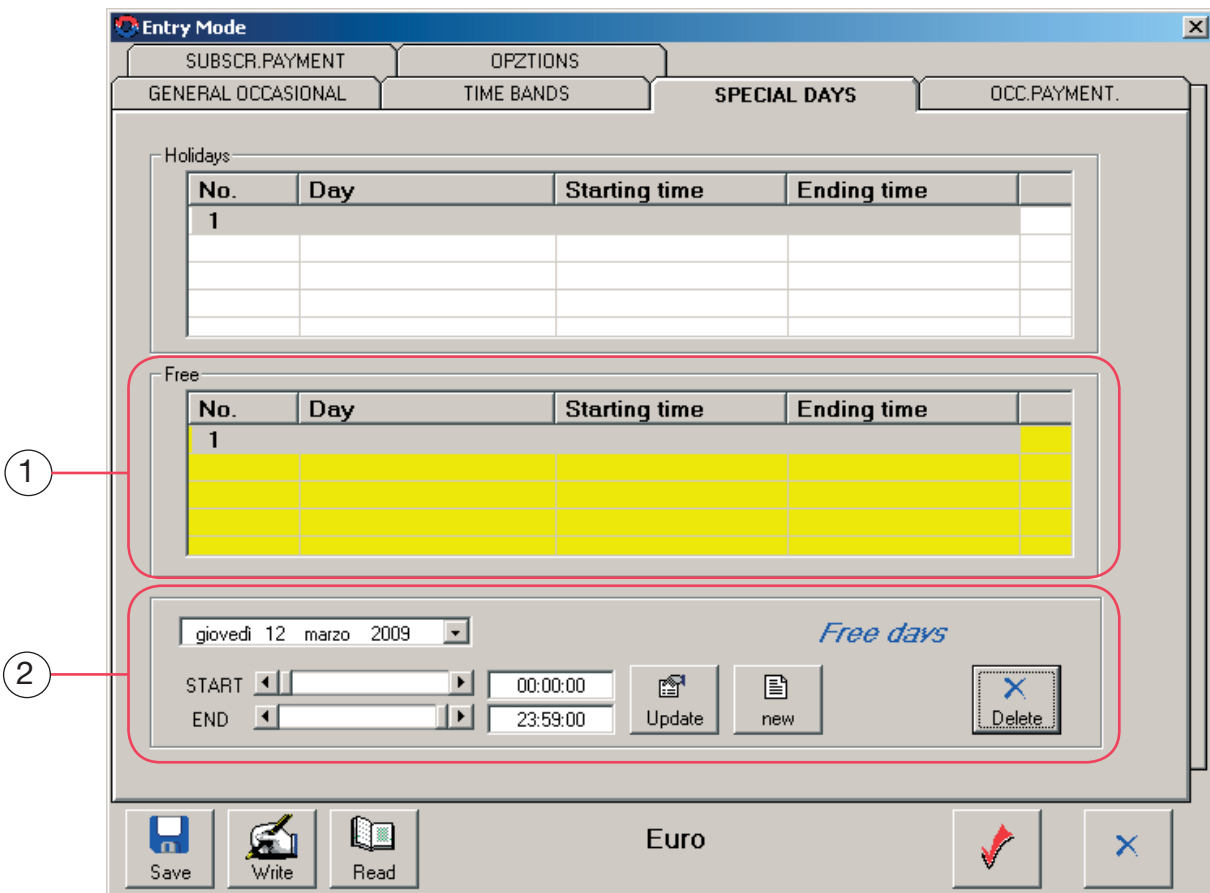
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Special days

Free days

Special free days mean those days in which entrance and exit by all users is free as long as it is within the preset time interval.



1 - Table for viewing free days

2 - Box for setting the free days




Occasional parker payment

This is the main window for setting the payment methods of occasional parkers (those that use tokens or tickets).

Entry Mode
✕

SUBSCR.PAYMENT

OPZTIONS

GENERAL OCCASIONAL

TIME BANDS

SPECIAL DAYS

OCC.PAYMENT.

- Use Time Bands
- Use Only Cost
- Use Progressive Cost
- Use Daily Fixed Cost
- Apply free time band
- Apply fix daily cost after 24 hours
- Apply maximum daily cost

ROUNDING

None ▾

Fixed Cost

▹ ▹ 1,00

Extra Free Time

0 min ▾

Only Cost

15 min ▾ 0,00

▹ ▹

calculate for unity of time

Progressive Cost (Period)

15 min ▾ 0,00

First ▹ ▹

Disabled ▾ 0,00

Second ▹ ▹

Disabled ▾ 0,00

Third ▹ ▹

Disabled ▾ 0,00


Fourth ▹ ▹


15 min ▾ 0,00


Scessive ▹ ▹

Change to only cost at :


Disabled ▾



Save


Write


Read

Euro





Occasional parker payment

Time brackets

To validate the time brackets, select "Use time brackets" and set them (see page 23)

Single cost

With the Single Cost payments, you are setting:

- the time interval
- the cost associated to this
- the method of calculating the amount

Normally the credit amount is calculated according to the actual parking time; however, if "Calculate time units" is selected, totals of the parking time intervals are made (the time fractions are considered as units).

For example, in the illustration on the side, if the parking time is 20 minutes, in the first case (actual time), a total amount of 3 is calculated, $3 ((\text{€}, \$, \text{£}, \text{¥} \dots) / 15' \times 20' = 4 (\text{€}, \$, \text{£}, \text{¥} \dots))$, while in the second case (time units) the time interval is calculated twice and so the total amount will be $2 \times 3 (\text{€}, \$, \text{£}, \text{¥} \dots) = 6 (\text{€}, \$, \text{£}, \text{¥} \dots)$.

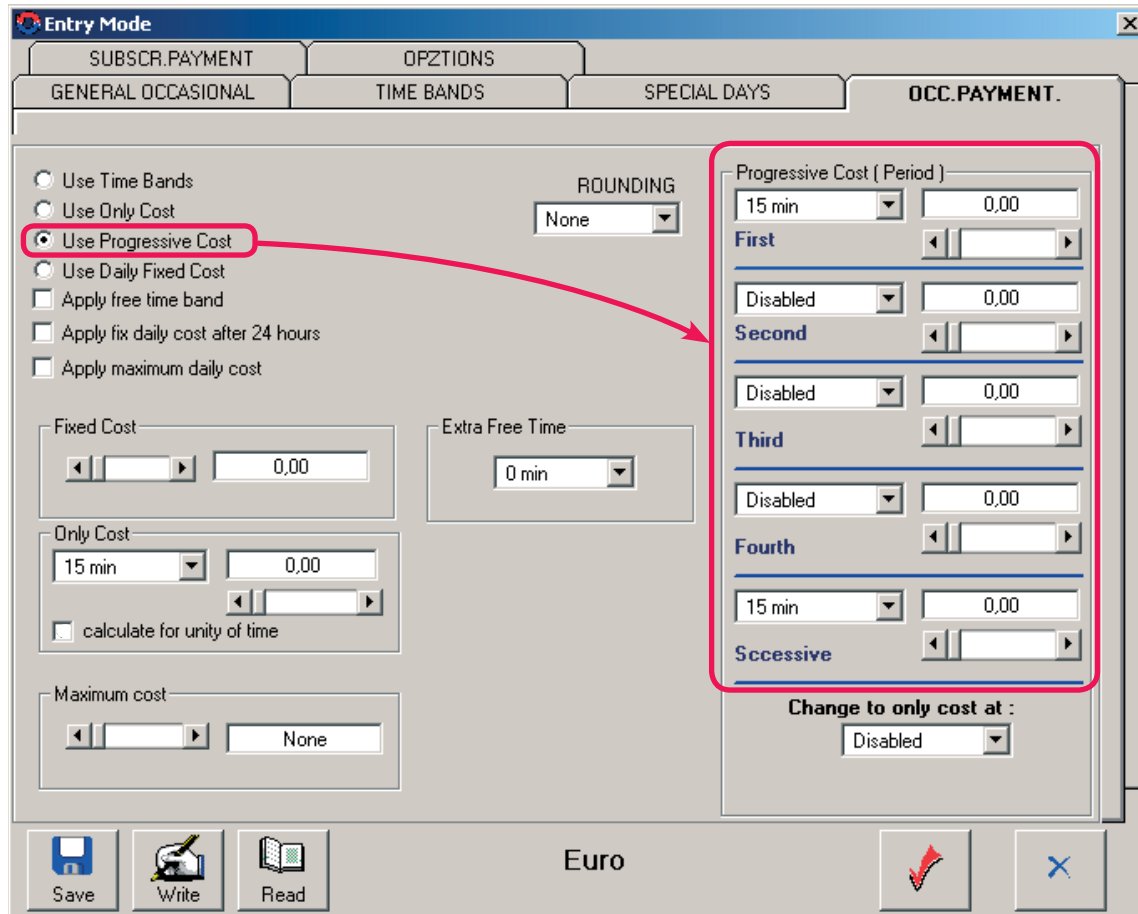
You may also select "Apply fixed daily cost after 24 hours".

Apply fix daily cost after 24 hours

p. 27 - Manual code: FA00697-EN v. 1 - 03/2017 - © Came S.p.A. - The manual's contents may be edited at any time without notice.

Chapter 2 - Accessing and payments



Occasional parker payment
Running cost


Entry Mode

SUBSCR.PAYMENT OPZTIONS

GENERAL OCCASIONAL TIME BANDS SPECIAL DAYS **OCC.PAYMENT.**

Use Time Bands
 Use Only Cost
 Use Progressive Cost
 Use Daily Fixed Cost
 Apply free time band
 Apply fix daily cost after 24 hours
 Apply maximum daily cost

ROUNDING: None

Fixed Cost: 0,00 Extra Free Time: 0 min

Only Cost: 15 min, 0,00
 calculate for unity of time

Maximum cost: None

Progressive Cost (Period)
 15 min 0,00
First
 Disabled 0,00
Second
 Disabled 0,00
Third
 Disabled 0,00
Fourth
 15 min 0,00
Successive

Change to only cost at : Disabled

Save Write Read Euro Apply Close

With the Running Cost payment you may set up, up to 5 price brackets linked to various successive time intervals.

The cost of the "Subsequent" bracket becomes the cost for the remaining parking time in the parking facility, Unless a Single Cost is set as of a certain hour,

Change to only cost at :

Disabled

Otherwise, select "Apply fixed daily cost after 24 hours".

Apply fix daily cost after 24 hours

Update now!



+

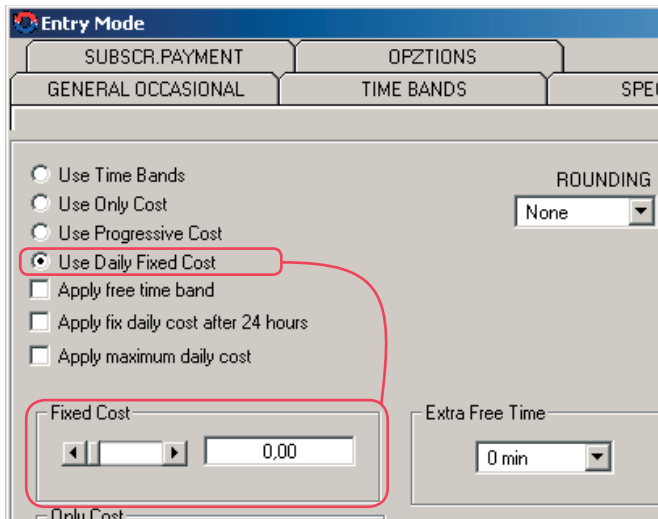


+



Occasional parker payment

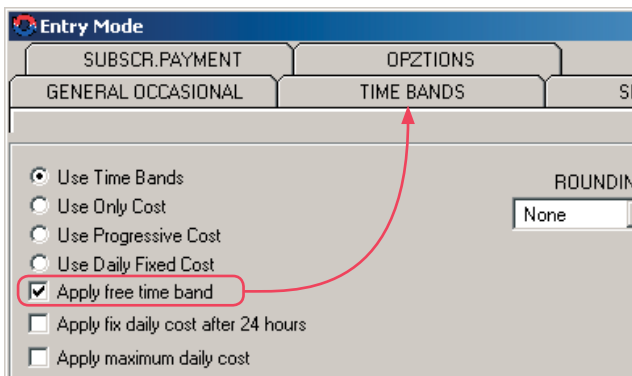
Fixed daily cost



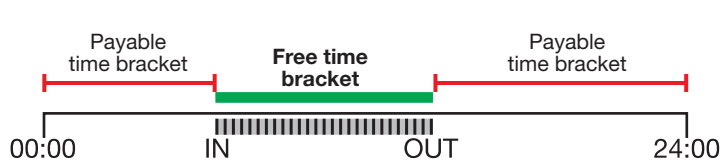
With the fixed daily cost payment, you are setting up a rate that is applied at each access and day by day (from 00:01 to 24:00). For example, if entrance is made in the afternoon of one day, and exit the next morning, the rate is applied twice.

The “Extra Free Period” box lets you set a maximum time of 10 minutes, within which, once entrance onto the parking facility is made, the vehicle may still exit the facility without paying.

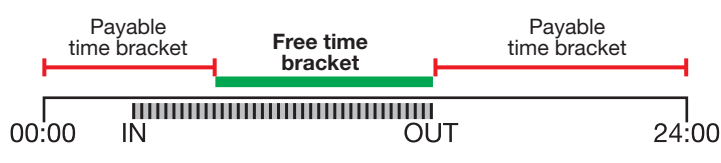
Free time bracket



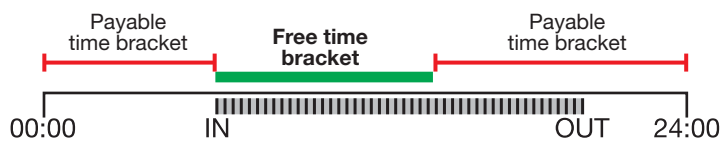
To enable the free time brackets, select “Apply free time bracket” and set them accordingly (see page 23).



Free time bracket only if the occasional parker enters (IN) and exits (OUT) during the free time bracket. As shown in the graphic the occasional parker does not pay.



As shown in the graphic the occasional parker pays for the total time the vehicle remained in the parking facility, including the free time bracket.



Update now!

Applica +
 Salva +
 Scrivi

Occasional parker payments

 Maximum cost

Apply free time band
 Fixed daily cost after 24 hours elapsed

Fixed Cost:

Extra Free Time:

Only Cost:

calculate for unity of time

Maximum cost:

In this box, set the maximum daily expense amount, which, when reached stops further charging.

 Rounding off

Use Time Bands
 Use Only Cost
 Use Progressive Cost
 Use Daily Fixed Cost

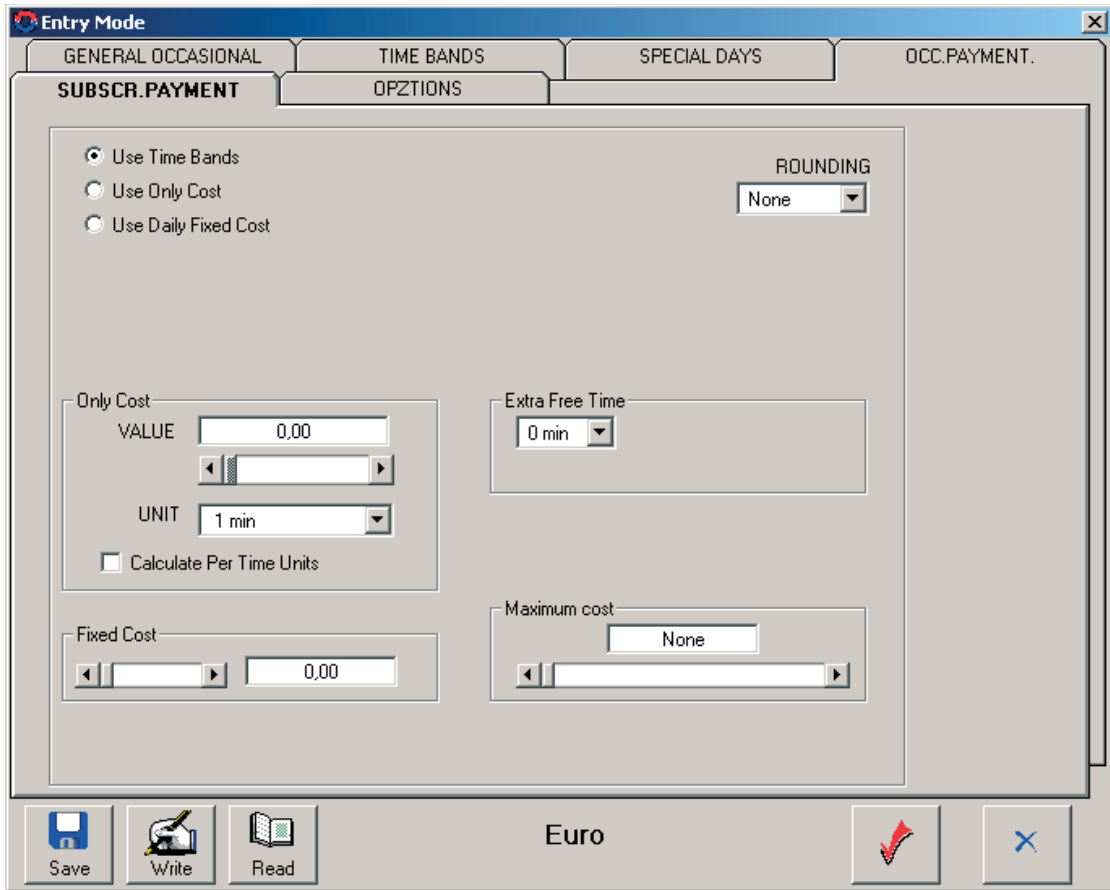
ROUNDING:

This window allows you to set the rounding off required for the currencies with decimals (€, \$, £, ¥ ...), that will be applied to all payment types.



Registered parker payment

This is the main window for setting the payment methods of registered parkers (those that use tokens or tickets).

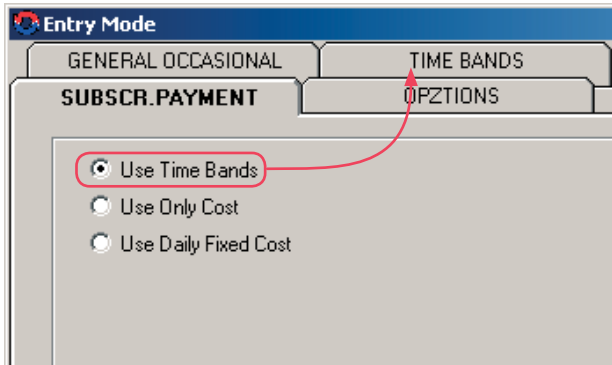


The screenshot shows the 'Entry Mode' window with the following settings:

- GENERAL OCCASIONAL** (selected tab)
- SUBSCR. PAYMENT** (selected sub-tab)
- Use Time Bands
- Use Only Cost
- Use Daily Fixed Cost
- ROUNDING**: None
- Only Cost**: VALUE 0,00, UNIT 1 min
- Calculate Per Time Units
- Extra Free Time**: 0 min
- Fixed Cost**: 0,00
- Maximum cost**: None
- Currency**: Euro
- Buttons: Save, Write, Read, Confirm (red checkmark), Cancel (blue X)

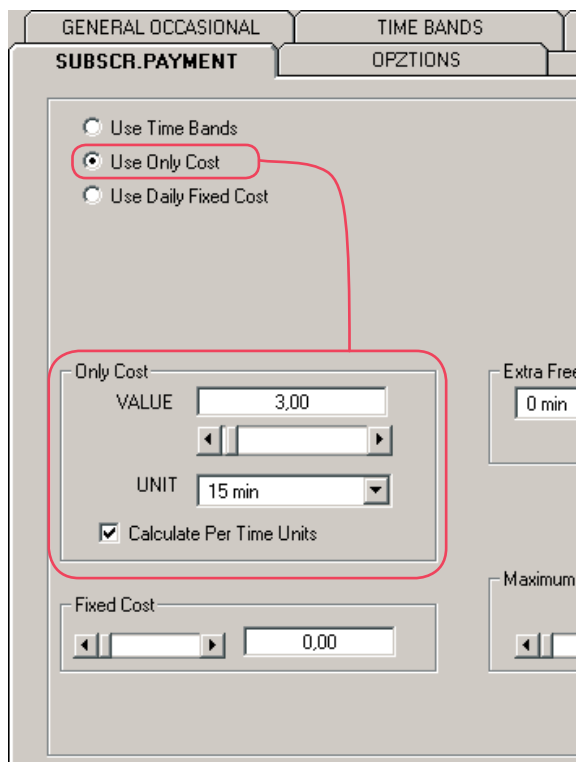
Registered parker payment

Registered parker/Time Brackets:



To enable the time brackets, select "Use time brackets" and set them (see page 23).

Single Cost



With the Single Cost payments, you are setting:

- the time interval
- the cost associated to this
- the method of calculating the amount to charge to the prepaid card.

Normally the credit amount is calculated according to the actual parking time; however, if "Calculate time units" is selected, totals of the parking time intervals are made (the time fractions are considered as units).

For example, in the illustration on the side, if the parking time is 20 minutes, in the first case (actual time), a total amount of 3 is calculated, $3 \text{ (€,\$,£,¥ ...)} / 15' \times 20' = 4 \text{ (€,\$,£,¥ ...)}$, while in the second case (time units) the time interval is calculated twice and so the total amount will be $2 \times 3 \text{ (€,\$,£,¥ ...)} = 6 \text{ (€,\$,£,¥ ...)}$.

Update now!



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Registered parker payment

Fixed daily cost

With the fixed daily cost payment, you are setting up a rate that is applied at each access and day by day (from 00:01 to 24:00). For example, if entrance is made in the afternoon of one day, and exit the next morning, the rate is applied twice.

The "Extra Free Period" box lets you set a maximum time of 10 minutes, within which, once entrance onto the parking facility is made, the vehicle may still exit the facility without paying.

Maximum cost

Selecting this function, sets a maximum amount of daily cost, which, once reached, requires no further increments.

Rounding off

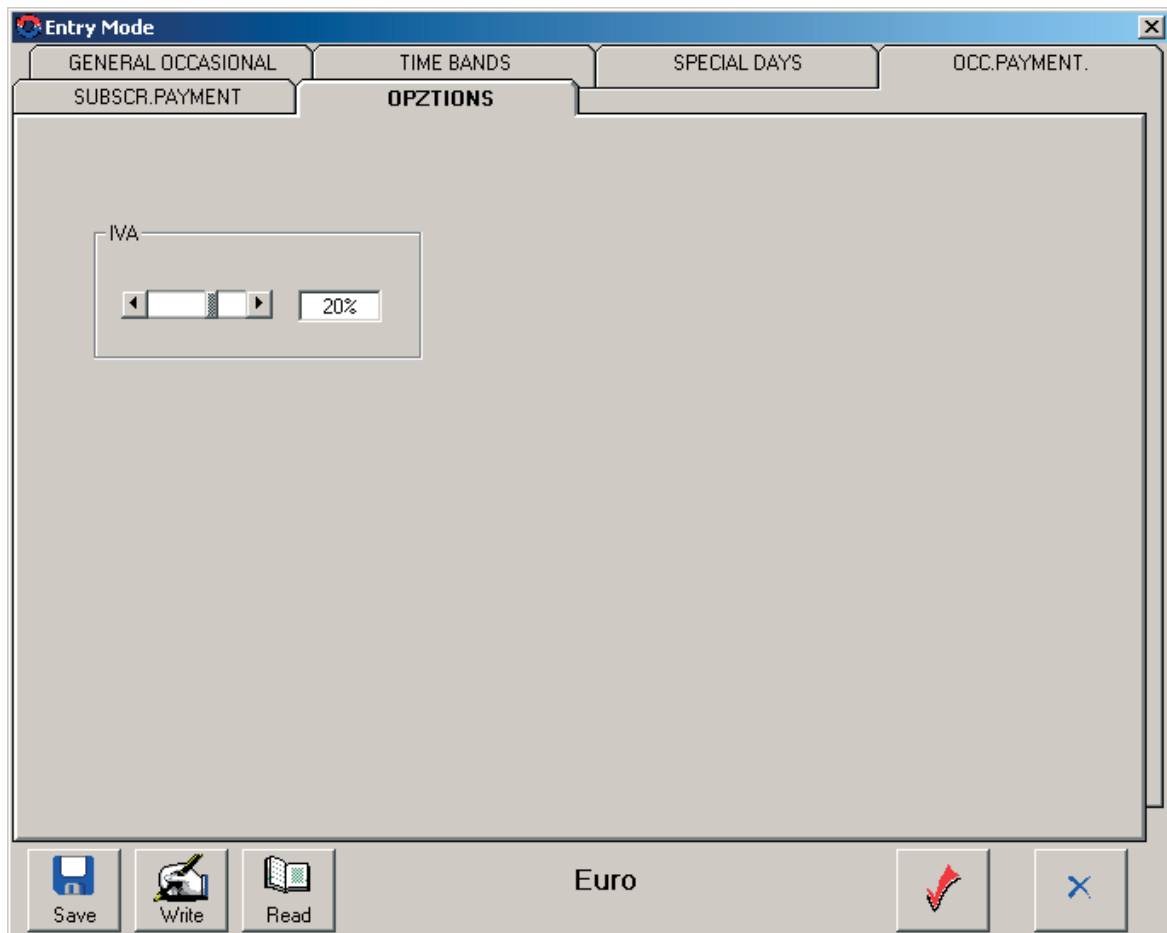
This window allows you to set the rounding off required for the currencies with decimals (€, \$, £, ¥ ...), that will be applied to all payment types.

Update now!




Options

In this window, by indicating the VAT value, will show this separately on the receipts issued by the automatic cash registers of the PS Token and PS Barcode parking systems.



Update now!



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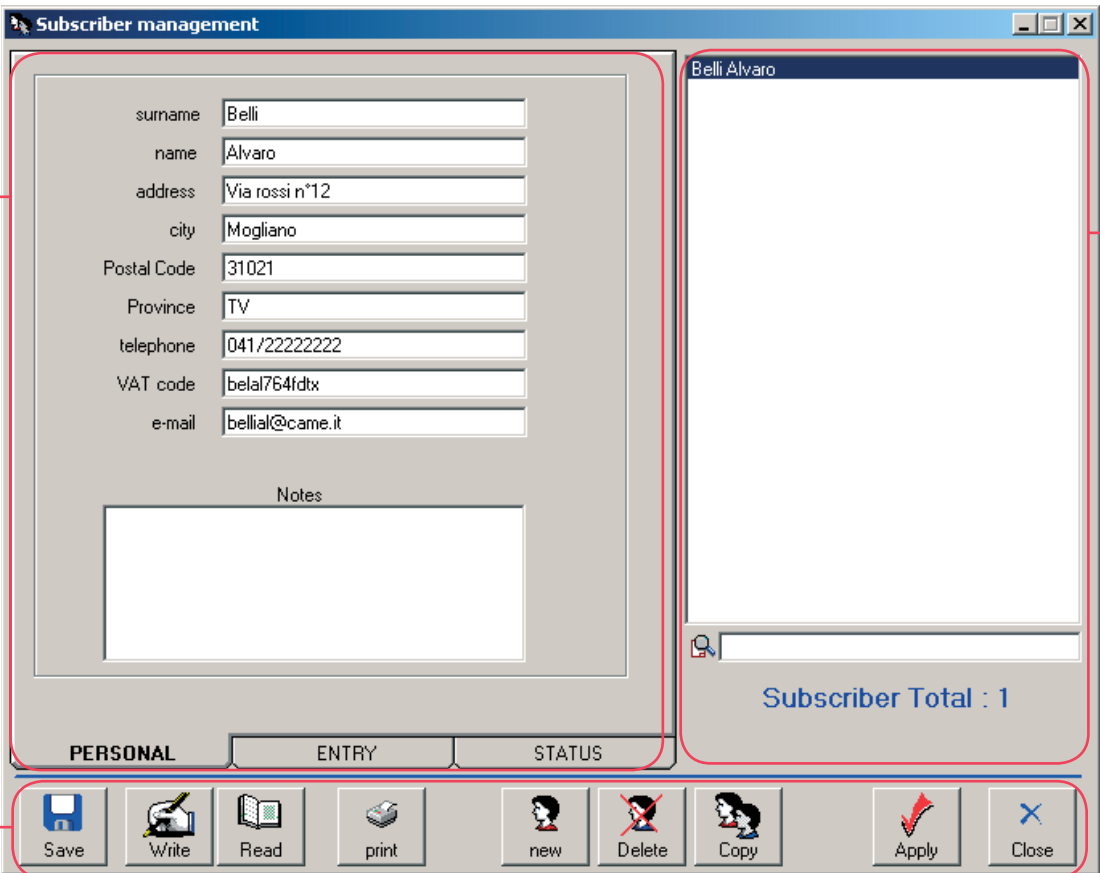



Personal Details


Clicking this button, opens the “Manage Registered Parkers” window.



Clicking this button, brings up the window screenview for inputting the registered parker.



- 1 - Card owner data window
- 2 - Command button

- 3 - User list window (the bottom text string allows you to search when the list of registered parkers is long)

Update now!



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Access

1 - Viewing the card code and relative registered parker association (up to 9 cards may be associated to each single registered parker)

2 - Viewing and selecting time brackets

3 - Select type of contract and duration of the same

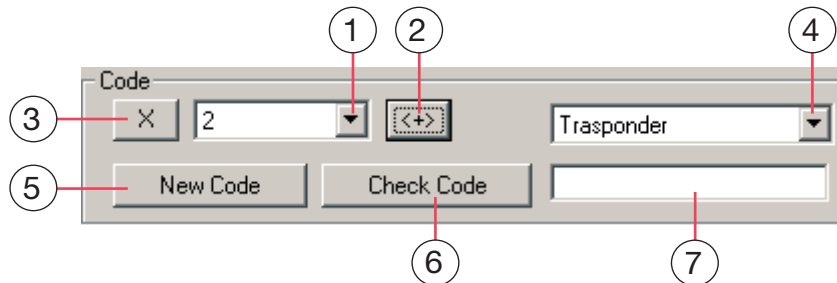
4 - Box for managing card credit

N.B.: If the time brackets do not include the time interval of the parking time, then the automatically, the system applies the fixed daily cost.

If the Normal contract is selected, then just the enabled time needs to be decided, without needing to set payment types.

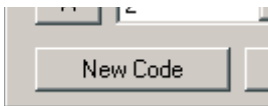
Update now!



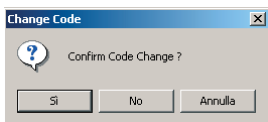

Choosing sensor and inputting code


- | | |
|--|---|
| <ul style="list-style-type: none"> 1 - String for inputting the number of sensors connected (max 9). 2 - Add card button. 3 - Cancel card button. 4 - Select device window (Disabled, Transponder or | <ul style="list-style-type: none"> Keyboard). 5 - "New Code" button 6 - Click this button to check an existing code. 7 - Code viewing string. |
|--|---|

A - To set a new code from a transponder:



- click on "New Code"



- confirm Change Code



- withing 50" rest the card on the active part of the PC30/50

Update now!



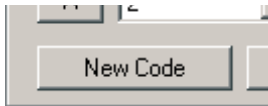
+



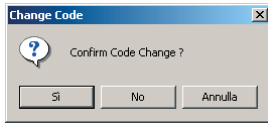
+



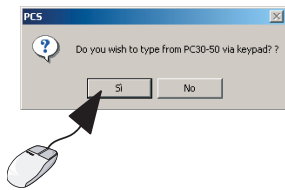
B - To set a new keyboard code:



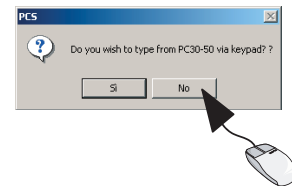
- click on "New Code"



- confirm Change Code



- choose YES to input the PC30/50 code

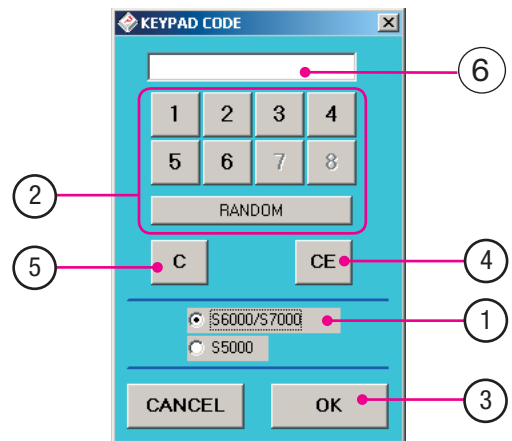


- choose NO to insert the software code



- Key in the number code onto the PC30/50-dedicated keyboard and then key in "E".

**Warning!! On the S6000 and S7000 series selectors, the numbering of the key only reaches 6, consequently the code must not include any 7s and 8s.*



- 1 - Select the type of keyboard selector to codify (changes the number of digits of the code).
- 2 - Key in the number code by clicking on the numbers. The "Casual" button generates random codes.
- 3 - Confirm by clicking on "OK".
- 4 - Cancel the last inputted code.
- 5 - Cancel all of the inputted code.
- 6 - View the inputted code.

Update now!



+



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Time brackets



Time periods

SATURDAY

00:00:00 - 05:59:00 - 1,00 : 1/2 hour

06:00:00 - 11:59:00 - 1,00 : 1/2 hour

12:00:00 - 17:59:00 - 1,00 : 1/2 hour

18:00:00 - 23:59:00 - 1,00 : 1/2 hour

copy

Select the time brackets required by the registered parker (to change these see page 23).

“Copy” will copy the selection to all of the days of the week.

Contract



Contract

Start

End

Normal

Prepaid

Free time

Disable Exit during inactive time band

Apply fix daily cost after 24 hours

Set the start and end contract period.

Select the type of contract:

- “Normal”: no payment types are considered. Selecting “Normal”, allows you to disable exits during non-active time brackets.
- “Prepaid”: activates a portion of window in which to define the type of credit for registered users.
- “Free Time”: a free parking time may be set, at increments of 5 minutes, for a maximum of 2 hours.

If needed, also select

Apply fix daily cost after 24 hours

Prepaid credit



Prepaid Credit

Enable Exit with Negative Credit

COST OF LAST ENTRY

- 1 - Input the credit to associate to the registered parker.
- 2 - Click to enable the amount..
- 3 - Click if adding credit (the amount inputted in the string on the left is added).
- 4 - Select whether to enable exit with negative credit.
- 5 - In this string input the cost incurred by the registered parker after last accessing the parking facility.

Update now!



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




Status

This window highlights information for each single user. This is useful when normally checking the system.

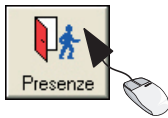
"Current Status" shows whether the user is inside (IN) or outside (OUT) the facility.

If needed, the position may be changed by clicking on 

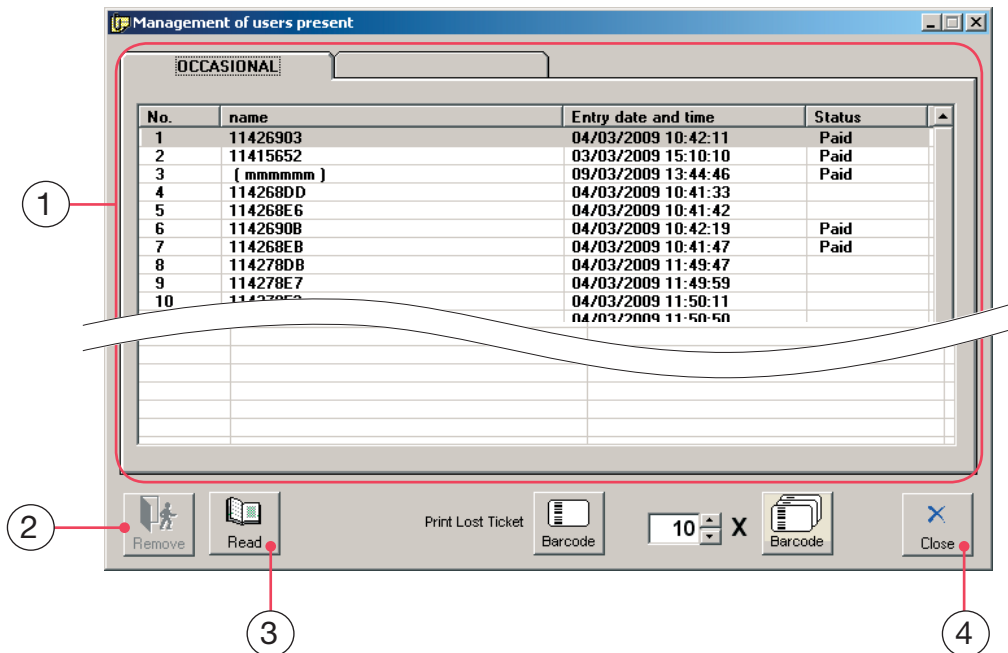




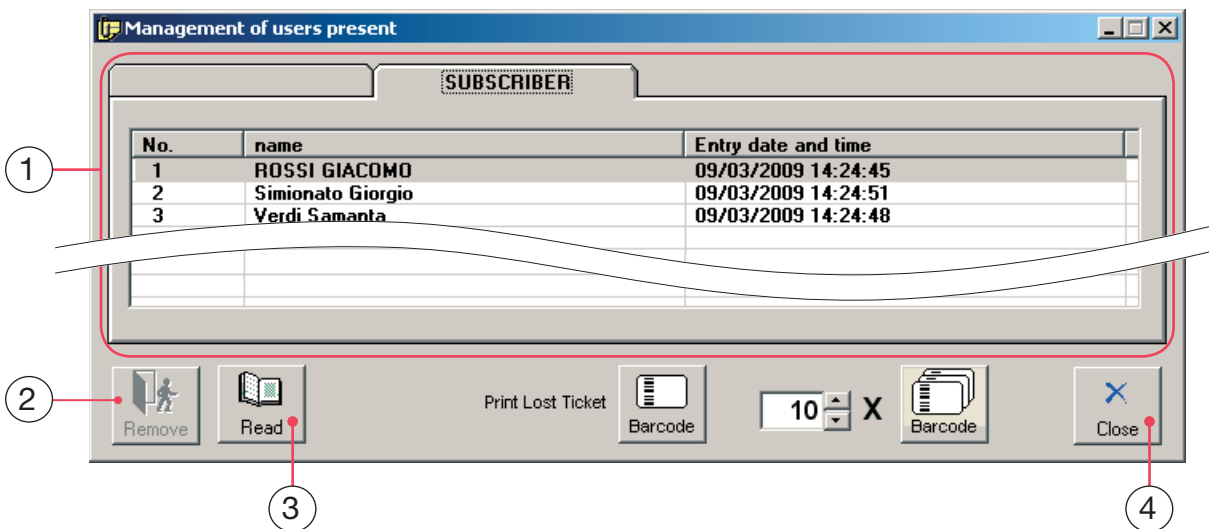
Occupancy




Clicking this button, opens the “Occupancy” window, listing the parkers inside the parking facility (it doesn’t show if the parking lot is empty).

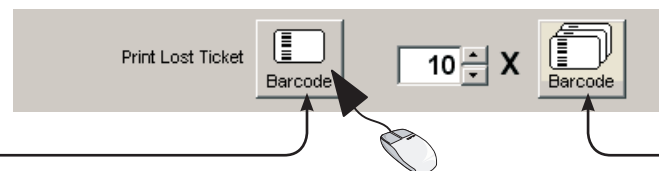



- 1 - Occasional parker viewing window.
- 2 - Button for compulsory removal of parkers.
- 3 - Button for viewing updated occupancy.
- 4 - Close window button.



- 1 - Registered user viewing window.
- 2 - Button for compulsory removal of parkers.
- 3 - Button for viewing updated occupancy.
- 4 - Close window button.

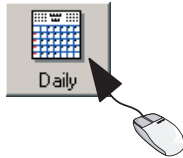
The  key is for printing single tickets, if they are lost, to complete the users In/Out cycles.



The  key, however, is for multiple tickets (up to 300) and used when needed.



Daily records



Clicking this button, opens the “Daily records” window.

1	2	3	4	5	6
NU...	EVENT	USER	ENTRY	TIME	AMOUNT
1	NEW ENTRY	1148FAF1	Entrata lato nord	09/03/2009 10:18:25	
2	RCHARGE SUBSCRIBER	Nuovo Utente 1		09/03/2009 10:22:41	20,00
3	RCHARGE SUBSCRIBER	Fernando		09/03/2009 10:28:22	20,00
4	EXIT	1148FAF1	Uscita principale	09/03/2009 10:31:31	
5	ERROR: APB	Juan	Uscita principale	09/03/2009 10:32:55	
6	SUBSCRIBER ENTRY	Fernando	Entrata lato nord	09/03/2009 10:33:58	
7	SUBSCRIBER ENTRY	Alessandra	Entrata lato nord	09/03/2009 10:34:16	
8	SUBSCRIBER ENTRY	Juan	Entrata lato nord	09/03/2009 10:34:19	
9	NEW ENTRY	1148FEC4	Entrata lato nord	09/03/2009 10:34:44	
10	NEW ENTRY	1148FEC4	Entrata lato nord	09/03/2009 10:34:50	
11	NEW ENTRY	1148FED0	Entrata lato nord	09/03/2009 10:34:56	
12	NEW ENTRY	1148FED4	Entrata lato nord	09/03/2009 10:35:00	
13	EXIT	1148FED4	Uscita principale	09/03/2009 10:35:47	
14	EXIT	1148FEC4	Uscita principale	09/03/2009 10:35:55	
15	EXIT	1148FEC4	Uscita principale	09/03/2009 10:36:02	
16	EXIT	1148FED0	Uscita principale	09/03/2009 10:36:10	
17	ERROR: APB	Verdi Samanta	Entrata lato nord	09/03/2009 10:40:35	
18	ERROR: APB	Verdi Samanta	Entrata lato nord	09/03/2009 10:40:38	
19	ERROR: APB	ROSSI GIACOMO	Entrata lato nord	09/03/2009 10:40:41	
20	ERROR: APB	Simionato Giorgio	Entrata lato nord	09/03/2009 10:40:43	
21	SUBSCRIBER EXIT	Simionato Giorgio	Uscita principale	09/03/2009 10:40:44	
22	SUBSCRIBER EXIT	Verdi Samanta	Uscita principale	09/03/2009 10:40:50	
23	SUBSCRIBER EXIT	ROSSI GIACOMO	Uscita principale	09/03/2009 10:41:20	
24	NEW ENTRY	1149007B	Entrata lato nord	09/03/2009 10:42:03	
25	NEW ENTRY	1149007F	Entrata lato nord	09/03/2009 10:42:07	

DAY: lunedì 9 marzo 2009 Found : 154 Paid : 1527.25 Euro
 Reload : 80.00 Euro
 EVENT: - ---ALL--- -
 USERS: - ---ALL--- -
 Search:

- 1 - Event number column.
- 2 - Event description column.
- 3 - View parker column.
- 4 - Event Entrance viewing column.
- 5 - Event date and time column.
- 6 - Any paid amounts column.
- 7 - Amount paid by occasional parkers.
- 8 - Amount paid for recharging cards.
- 9 - “Close” button.
- 10 - “Print” button
- 11 - “Extract report” button (in xls Office Excel format)
- 12 - “New Search” button
- 13 - “Find Name” string
- 14 - Select registered users to find string.
- 15 - Select event to find string.
- 16 - Select day to find string.

Daily records
EVENTS

REGISTERED PARKER ENTRANCE	Access by parker with registered card.
REGISTERED PARKER EXIT	Exit by parker with registered card.
ERROR: APB	Notifies of an attempted access by an already logged card. <i>The Anti Pass Back function prevents other parkers from using the same card of another parker once access has already been made.</i>
ERROR: CONTRACT	Notifies of any attempted access by parkers which are disabled to park at that specific time.
ERROR: CREDIT	Notifies of any attempted access by parkers with insufficient credit.
ERROR: BRACKET	Notifies of any attempted access by parkers which are disabled during the specific time bracket.
ATTEMPTED ACCESS	Viene segnalato un tentativo di entrata con tessera non abilitata.?????
ERROR: BLOCKED	Notifies of any attempted access when system us blocked and includes both registered and occasional parkers.
NEW ENTRY	Notifies of a new, occasional access.
EXIT	Notifies when either registered or occasional parkers exit the parking facility.
PAYM.: AUTO	This notifies when any automatic payment is made.
PAYM.: MANUAL	This notifies when any manual (at the cash register) payment is made.
AP. MANUAL TOK	This notifies when a manual entrance bar opening is made.
AP. MANUAL TERM.	This notifies when a manual exit bar opening is made.
LOAD TOKEN	This notifies when a token is loaded, that is, when a token is manually enabled.
RECHARGE REGISTERED PARKER	This notifies when a card is recharged.
CHANGE SYSTEM	This notifies when changes are made to the system settings (viewable only if password is inputted).
CHANGE ACCESS	This notifies when system access modes are changed (viewable only if password is inputted).
CHANGE REGISTERED PARKERS	This notifies when changes are made in the registered parker management account (viewable only if password is inputted).
REGISTERED PARKER PASSAGE	This notifies when a registered parker makes a passage.

Daily records

EVENTS

AUTOMATIC CASH REGISTER PAYMENT	This notifies when payment at an automatic cash register is made by an occasional parker
AUTOMATIC RECHARGE	This notifies when a registered parker recharges at an automatic cash register by
START SHIFT	This notifies when operators start their shifts.
END SHIFT	This notifies when operators end their shifts.
ELIMINATE TOKEN	This notifies when an operator cancels an occasional parker
MANUAL EXIT REGISTERED PARKER	This notifies when an operator manually lets out a registered parker.

PARKERS

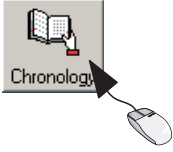
ALL	Search is conducted on all parkers.
OCCASIONALS ONLY	Search is conducted only on occasional parkers.
REGISTERED ONLY	Search is conducted only on registered parkers.
PARKER'S NAME	Can search by single registered parker to have an activity record report.
OPERATOR'S NAME	Can search by single operator to monitor any changes made to the system or other parking facility parameters (only if password is inputted).

Selecting among EVENTS and among PARKERS the search can be further defined, so as to reduce useless data and find the information more quickly..

To meet privacy requirements; activate the system password so that registered parkers' activities may be monitored only by the system administrator (the password holder).

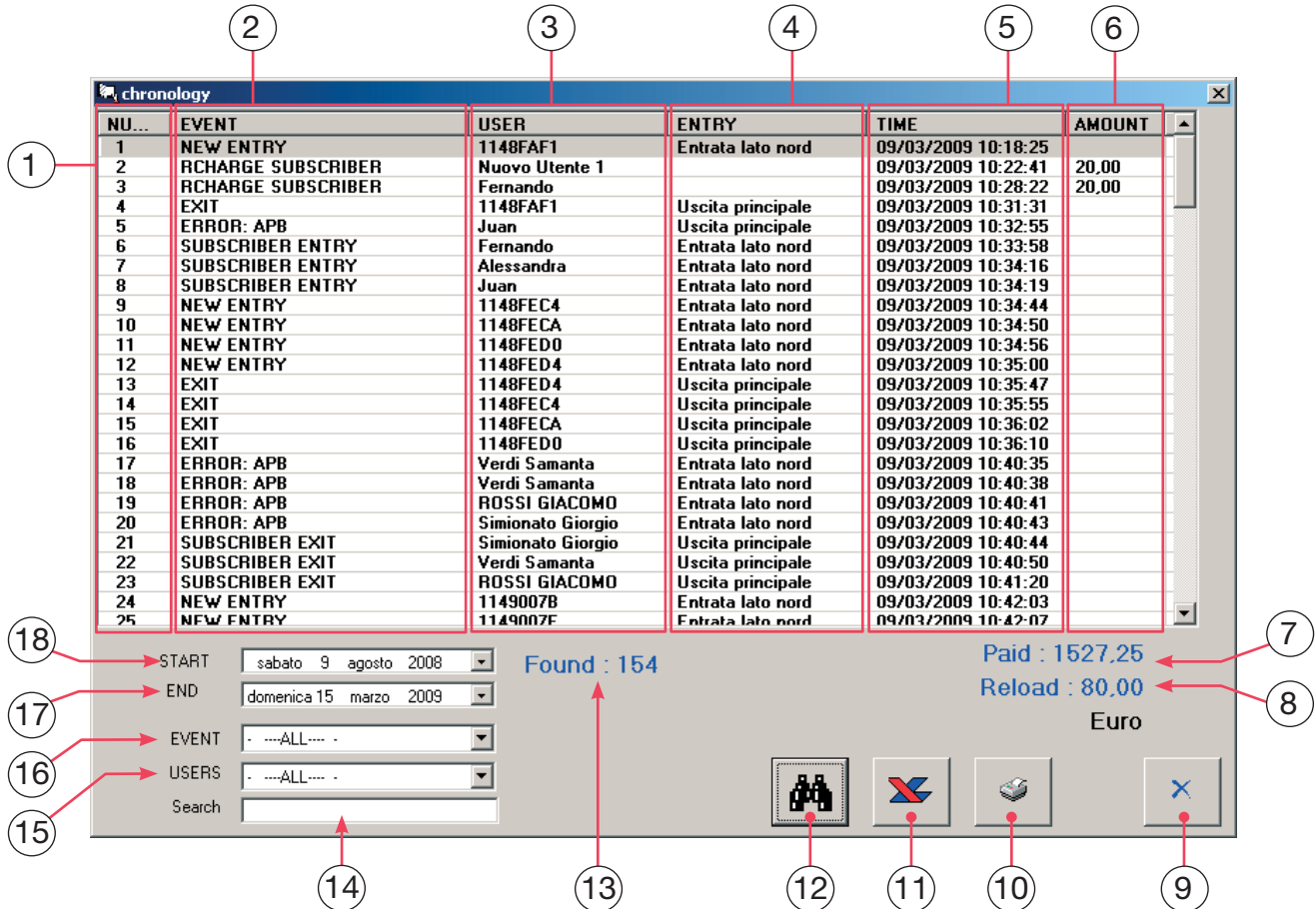


Multiple-day records



Clicking this button, opens the “Records” window.

The difference between Daily and Records is the search time-interval. For the Daily data, searches are made for the day, while for the Records data, the search time-frame can be set accordingly.



NU...	EVENT	USER	ENTRY	TIME	AMOUNT
1	NEW ENTRY	1148FAF1	Entrata lato nord	09/03/2009 10:18:25	
2	RCHARGE SUBSCRIBER	Nuovo Utente 1		09/03/2009 10:22:41	20,00
3	RCHARGE SUBSCRIBER	Fernando		09/03/2009 10:28:22	20,00
4	EXIT	1148FAF1	Uscita principale	09/03/2009 10:31:31	
5	ERROR: APB	Juan	Uscita principale	09/03/2009 10:32:55	
6	SUBSCRIBER ENTRY	Fernando	Entrata lato nord	09/03/2009 10:33:58	
7	SUBSCRIBER ENTRY	Alessandra	Entrata lato nord	09/03/2009 10:34:16	
8	SUBSCRIBER ENTRY	Juan	Entrata lato nord	09/03/2009 10:34:19	
9	NEW ENTRY	1148FEC4	Entrata lato nord	09/03/2009 10:34:44	
10	NEW ENTRY	1148FEC4	Entrata lato nord	09/03/2009 10:34:50	
11	NEW ENTRY	1148FED0	Entrata lato nord	09/03/2009 10:34:56	
12	NEW ENTRY	1148FED4	Entrata lato nord	09/03/2009 10:35:00	
13	EXIT	1148FED4	Uscita principale	09/03/2009 10:35:47	
14	EXIT	1148FEC4	Uscita principale	09/03/2009 10:35:55	
15	EXIT	1148FEC4	Uscita principale	09/03/2009 10:36:02	
16	EXIT	1148FED0	Uscita principale	09/03/2009 10:36:10	
17	ERROR: APB	Verdi Samanta	Entrata lato nord	09/03/2009 10:40:35	
18	ERROR: APB	Verdi Samanta	Entrata lato nord	09/03/2009 10:40:38	
19	ERROR: APB	ROSSI GIACOMO	Entrata lato nord	09/03/2009 10:40:41	
20	ERROR: APB	Simionato Giorgio	Entrata lato nord	09/03/2009 10:40:43	
21	SUBSCRIBER EXIT	Simionato Giorgio	Uscita principale	09/03/2009 10:40:44	
22	SUBSCRIBER EXIT	Verdi Samanta	Uscita principale	09/03/2009 10:40:50	
23	SUBSCRIBER EXIT	ROSSI GIACOMO	Uscita principale	09/03/2009 10:41:20	
24	NEW ENTRY	1149007B	Entrata lato nord	09/03/2009 10:42:03	
25	NEW ENTRY	1149007E	Entrata lato nord	09/03/2009 10:42:07	

START: sabato 9 agosto 2008 Found : 154 Paid : 1527,25 Euro

END: domenica 15 marzo 2009 Reload : 80,00 Euro

EVENT: - ----ALL---- -

USERS: - ----ALL---- -

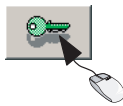
Search:

Buttons: Print, Extract report, New Search, Close

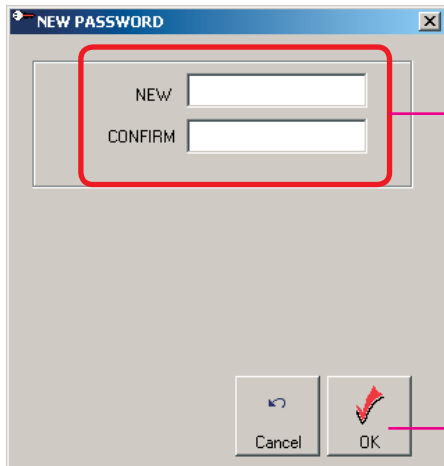
- 1 - Event number column.
- 2 - Event description column.
- 3 - View parker column.
- 4 - Event Door???/Entrance??? viewing column.
- 5 - Event date and time column.
- 6 - Any paid amounts column.
- 7 - Amount paid by occasional parkers.
- 8 - Amount paid for recharging cards.
- 9 - “Close” button.
- 10 - “Print” button
- 11 - “Extract report” button (in xls Office Excel format)
- 12 - “New Search” button
- 13 - Number of events found.
- 14 - Box for name search
- 15 - Box for selecting parkers to search.
- 16 - Box for selecting events to search.
- 17 - Box for selecting end-search day.
- 18 - Box for selecting start-search day.



Inputting administrator password



Clicking “password” opens the input password window:



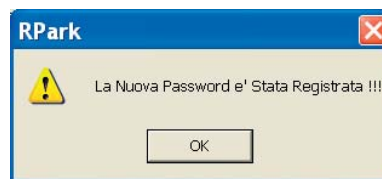
The dialog box titled "NEW PASSWORD" contains two input fields: "NEW" and "CONFIRM". A red box highlights both fields. At the bottom, there are "Cancel" and "OK" buttons. A circled "1" points to the input fields, and a circled "2" points to the "OK" button.

1 - Input chosen password into “NEW” field (the password may be alphanumeric, in Capital or lower case letters, and maximum 8 characters).

Repeat password in the “Confirm” field to check that there are no typing errors. This password will be the system administrator’s password.

2 - Click on “OK” to activate changes.

Once changes are applied the following message will appear:



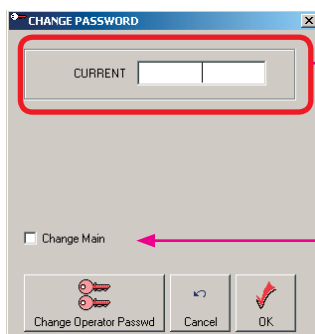
When the password is active the key icon is red..



Change and deactivate system administrator password



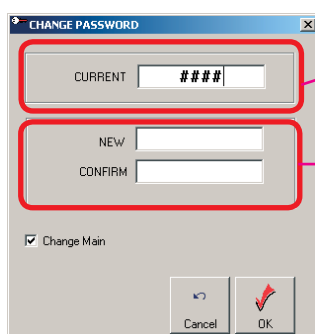
Clicking on the red key icon opens the change password window, where operator passwords can be set, and administrator and card passwords can be changed.



The dialog box titled "CHANGE PASSWORD" contains a "CURRENT" input field. Below it is a checkbox labeled "Change Main". At the bottom, there are "Change Operator Passwd", "Cancel", and "OK" buttons. A red box highlights the "CURRENT" field, and a pink arrow points to the "Change Main" checkbox.

To make any changes the system administrator password is required.

To remove or change the main password, select (tick) the box.



The dialog box titled "CHANGE PASSWORD" contains "CURRENT", "NEW", and "CONFIRM" input fields. The "CURRENT" field contains four hash symbols (####). Below it is a checked checkbox labeled "Change Main". At the bottom, there are "Cancel" and "OK" buttons. Red boxes highlight the "CURRENT" field and the "NEW" and "CONFIRM" fields.

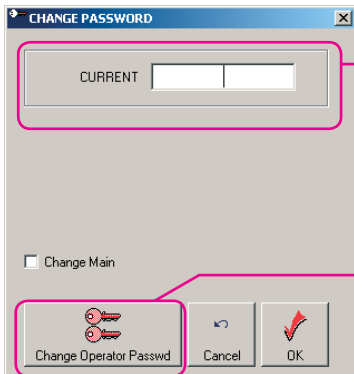
To make any changes the system administrator password is required.

To remove the password, leave two fields blank and click “OK”, otherwise to change the system administrator password, it must be typed into “NEW” and repeated on “Confirm” and then press “OK”.



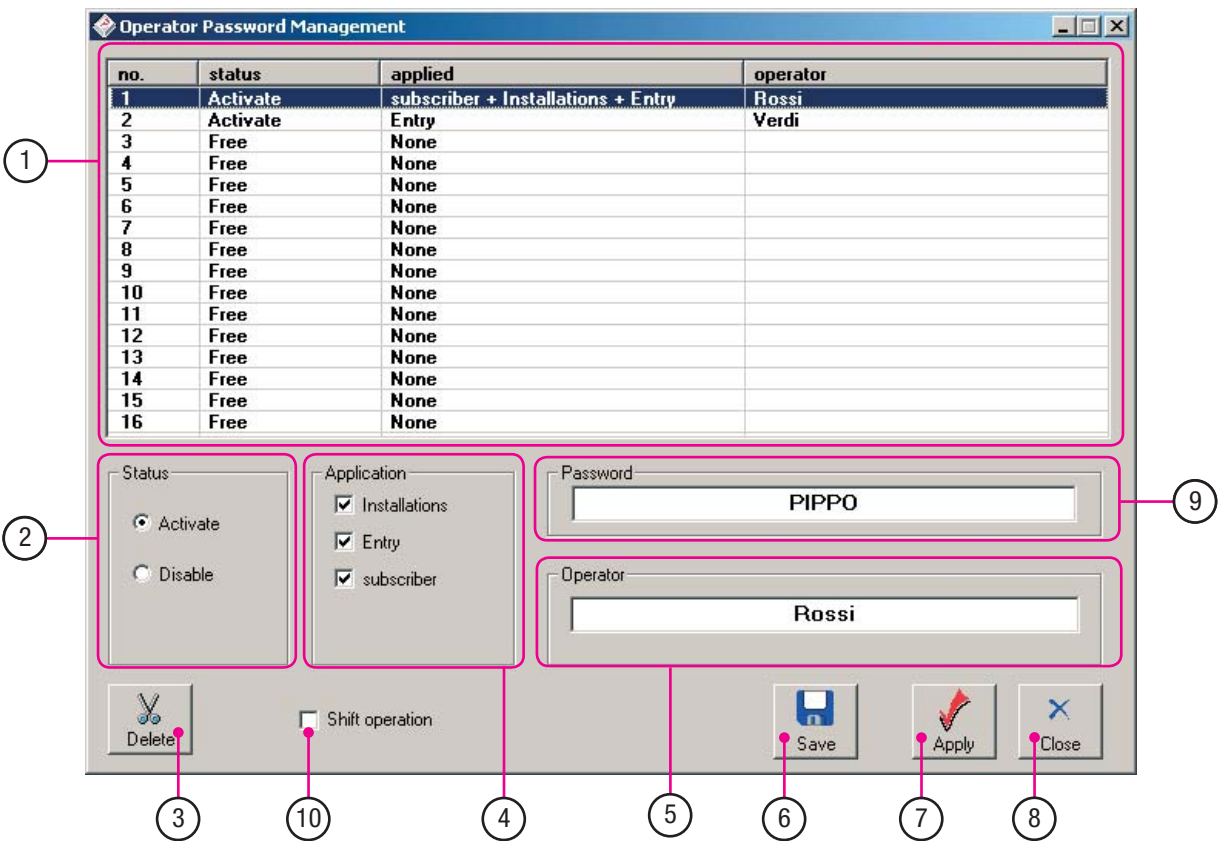
Inputting operator passwords

Once system administrator password is inputted, then the operator passwords may be inputted:



To make any changes the system administrator is required.

Click this button to bring up the input operators' passwords window.

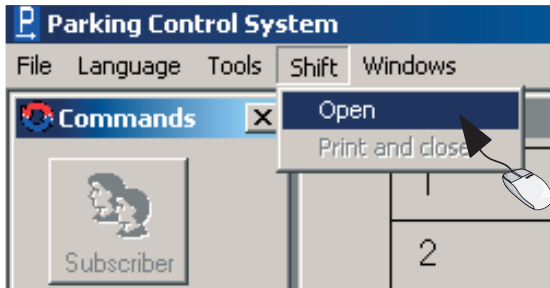


- 1 - Manage operators' password summary window
- 2 - Select operator status (enabled or disabled)
- 3 - Button to cancel operators from list.
- 4 - Select privileges to assign to operators.
- 5 - Field to input operator name.
- 6 - Save button.
- 7 - Apply button.
- 8 - Close button.
- 9 - Field for inputting operator password.
- 10 - Select manage-by-shift mode.

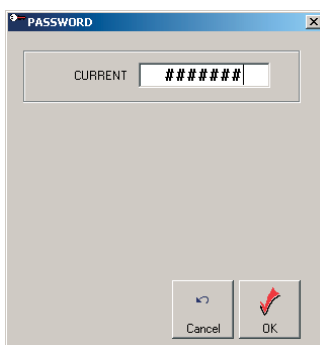


Procedure for starting and ending duty shifts

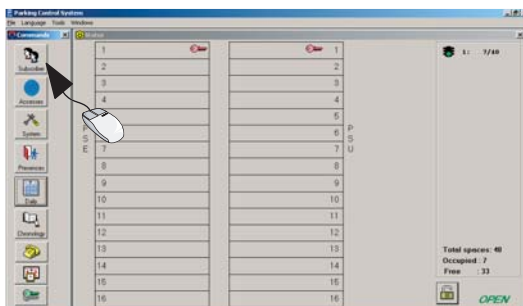
Start shift



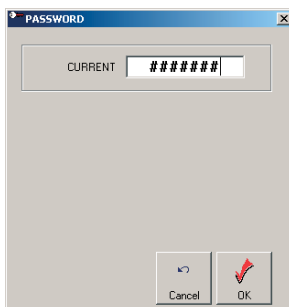
To start a shift, the enabled or registered operator proceeds as per the drawing.



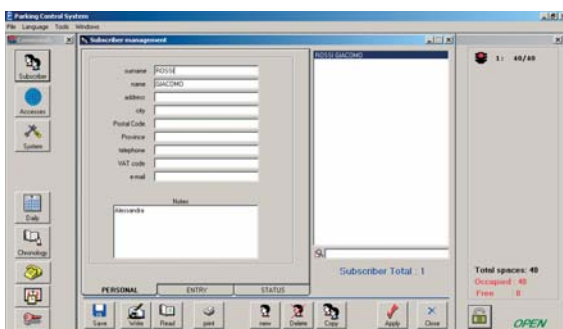
In the field, type the shift operator's password and click "OK" to confirm.



Click on the required icon to enter.
(Operators may be enabled to manage one or more applications).



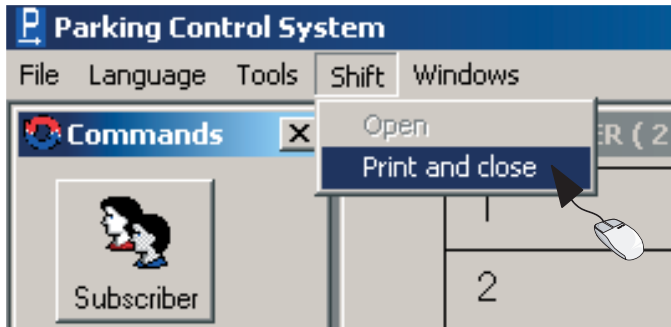
Retype operator password .



Now the software is ready for any operation.

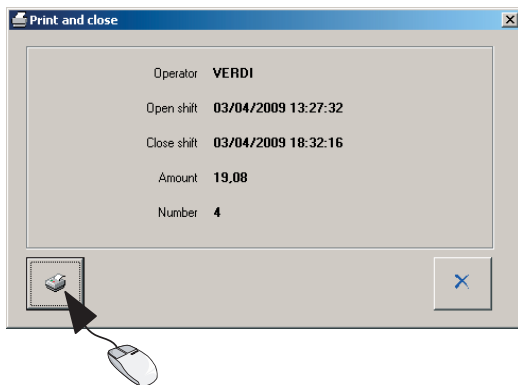
Procedure for starting and ending duty shifts

Ending shifts



Ending a shift, requires an activity report to be printed out. Otherwise, the following shift cannot be started.

Proceed as per the diagram.

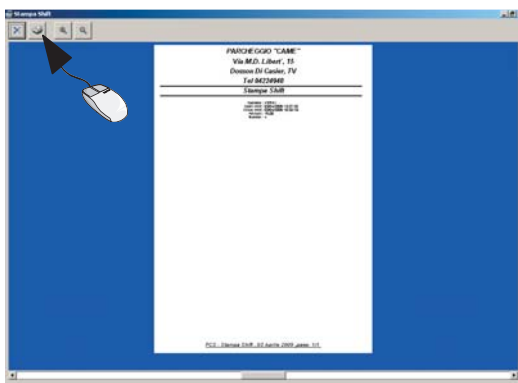


This window monitors:

- The operator's name
- The date and time the shift started and ended
- The total cash in the register
- The number of parkers that used the parking facility *

Click on the print icon.

* (For partial reviewing???updates??? during shifts)



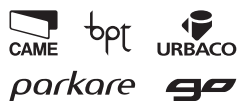
Print preview.

Confirm printout by clicking on the printer icon.

Closing allows next shift to start.

English - Manual code: **FA00697-EN v. 1** - 03/2017 - © Came S.p.A.
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