



HI-CONNECT

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DS80SW24-003D

LBT80092

Hi-Connect

Installation and Management

User Manual



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1 - INTRODUCTION

The Hi-Connect software is a Windows application which, from the version 3.70, allows users to:

- Manage the Web Server device (IT500WEB)
- Manage remotely, through the Web Server (IT500WEB), Elkron burglar control systems series MP500/XX

When it is first started, the Hi-Connect application will automatically import the IP-Connect master data, without requiring any user action.



IMPORTANT!

If, on IP-Connect, there are Web Servers whose systems have not been created on Hi-Connect (e.g. IP-Connect → Web Server "M.Rossi", Hi-Connect → Control panel "M.Rossi"), it will be necessary to continue to use IP-Connect to manage them.

1.1 SUPPORTED OPERATING SYSTEMS

- Windows XP *
- Windows Vista
- Windows 7
- Windows 8.0/8.1
- Windows 10

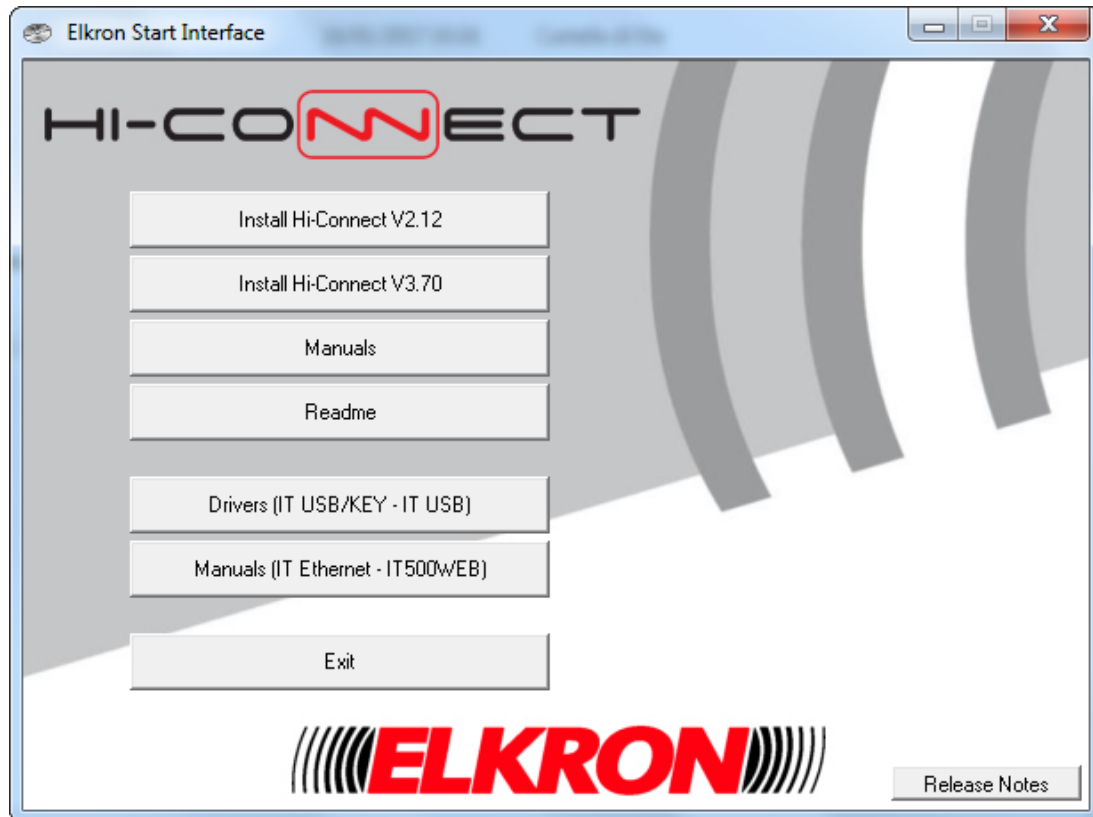
* In Windows XP, the remote connection with IT500WEB is not supported.

2 - INSTALLATION

2.1 INSTALLATION KIT

To install the software, insert the installation disc, the software installer will start automatically. If, for reasons related to the configuration of the operating system in use, it does not start automatically, proceed manually by clicking on the file “Start.exe” on the CD.

The following screen will be displayed:



From here, you can:

- Install Hi-Connect V2.12
- Install the latest version of Hi-Connect Vx.xx
- Display the software and interface manuals for connection to the central panels
- Install the USB interface drivers for the connection to the control panels
- Display the file “Readme” and “Release Notes”

Both installation procedures control the availability of the prerequisite installation on the computer for the correct running of the software:

- Microsoft .NET Framework
- Microsoft Data Access Components (MDAC) 2.8
- Crystal Reports for Visual Studio 2008 (Hi-Connect V2.12)
- SAP Crystal Reports runtime engine for .NET Framework 4 (32 bit) (Hi-Connect Vx.xx)
- OpenVPN

Before the installation of every prerequisite, you will be asked for the confirmation and the acceptance of the licence contract.



IMPORTANT! Hi-Connect operation is not guaranteed in case of failure to install its pre-requisites.



IMPORTANT!

While installing the OpenVPN you may be requested to install the TAP-Windows Provider device. In this case, please install it following the instructions for its application.

When installation of Hi-Connect is finished, can be started by the icon on the desktop, from the 'Programs' menu or, again in the 'Programs' menu, from the folder 'Elkron\Hi-Connect Vx.xx'.

3 - START-UP THE PROGRAM

3.1 LOADING WINDOW

When starting the program a loading window appears where you can read the loading operations of Hi-Connect.



3.2 LOGIN WINDOW

When loading is finished, you will be able to access to the program carrying out the Login, selecting the operator and inserting the code.

Note: By default, the only operator is “Master” whose password is “123456”.



If the password inserted is shorter than 4 characters, the following error will appear: **“The password should contain at least 4 characters”**; otherwise, if the password is not recognized, will appear: **“Incorrect Password”**.

There are a maximum of 3 attempts in order to execute the login correctly, after that the program will close automatically.

3.3 CHANGE PASSWORD

Differently from older versions, password change can only be carried out from the **“Operators”** data window. For further information, consult the paragraph related to the operator's data.

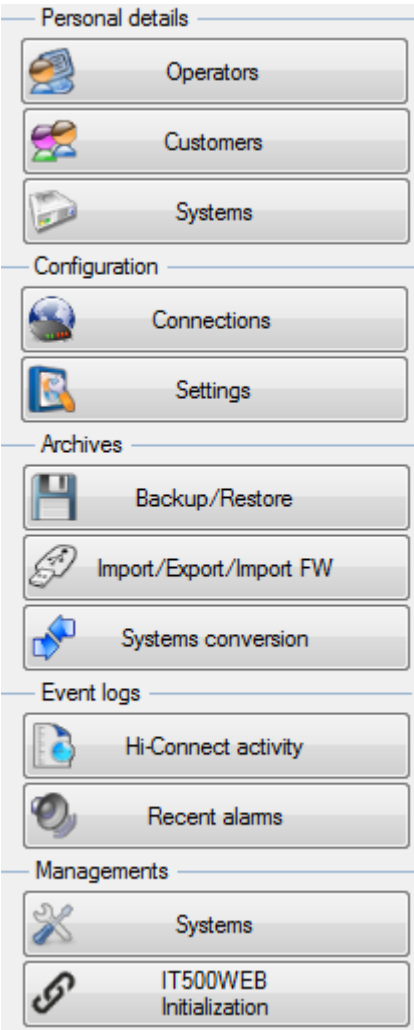
4 - INTRODUCTION

4.1 START-UP SCREEN

After you login, the Hi-Connect main window will open.



The interface is displayed with a lateral menu that consists of the following sections: **Data, Configuration, Files, History** and **Management**. In every section, there are buttons to access various masks in order to configure, modify and manage some functions of the program.



It is possible to hide the menu by pressing the key “” and it is possible to display it again by pressing the same key, but the following sign will appear “”.

Under the main menu, you can find a box that contains the name and level of the Operator which has accessed to the program, and the state of the alarms reception.

According to the state, the LED can take different colours:

- Green: Reception enabled
- Grey: Reception disabled

In the example image, the telephone reception is disabled while the one via LAN is enabled.



4.1.1 Available Menus

Available menus on the login screen:

- **DATA**
 - *Operators*
 - Access to the Operators file.
 - *Customers*
 - Access to the Customers file.
 - *Systems*
 - Access to the Systems file.
- **CONFIGURATION**
 - *Connections*
 - Configuration of the connection parameters.
 - *Settings*
 - Selection of language and configuration of parameters for the reception of alarms.
- **ARCHIVES**
 - *Backup / Restore*
 - Executes the Backup or the Restore of the files.
 - *Import / Export*
 - Imports the configuration and the history of events or exports the configuration of the systems registered on Hi-Connect via USB key.
 - Performs the importing of a new firmware version of the Web Server (IT500WEB).
 - *Systems conversion*
 - Executes the conversion of existing systems.
- **HISTORY**
 - *Activity*
 - List of all the actions carried out by the program users.
Note: Activities regarding the Web Server are not stored.
 - *Alarms*
 - List of the latest alarms received.
- **MANAGEMENT**
 - *Systems*
 - Shows all the systems that can be opened under management.
 - *Initialise IT500WEB*
 - It enables to initialise, configure a Web Server (IT500WEB) and associate it with a control panel.

5 - COMMON TOOL BAR

Most of the masks display a table with the following tool bar placed on the topside of the mask.



This tool bar has the following functions:

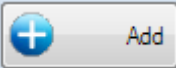
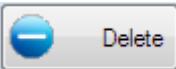
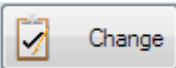
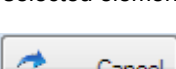
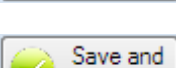
- **Search:** inserting a word in the field of text the table will display the lines filtered through the inserted word.
- **Columns:** Pressing the button  it is possible to hide or to display the columns of the table.
- **Grouping:** Pressing the button  it is possible to group the displayed data in the table.
- **Organization:** Pressing the buttons  and  it is possible to sort the displayed data in ascending or descending alphabetical order.
- **Reset:** by pressing the button , it is possible to revert the table display to the default settings.

6 - MENU DATA

6.1 COMMON BUTTONS

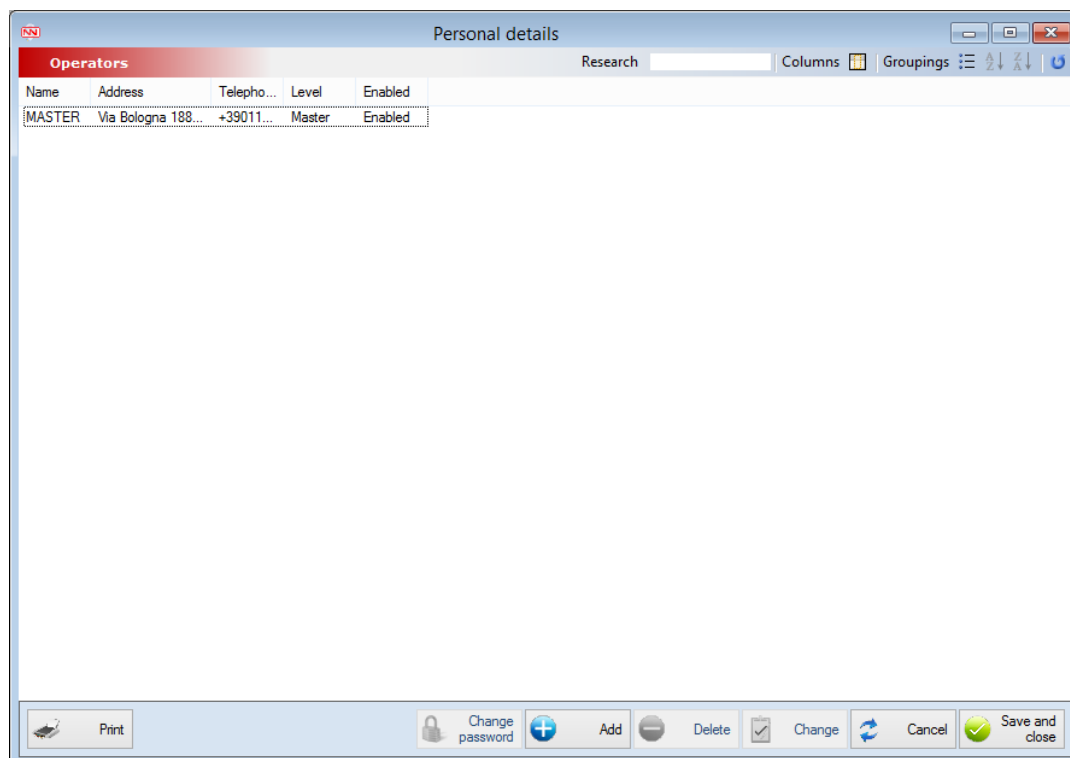
The masks of the **Data** section (Operators, Customers and Systems) contain a bar of buttons located under the table of the data display that allow access to the most common features.



-  prints the selected record on the table or all the data present in the table.
-  starts a Wizard (a guided operating sequence) for the addition of a record.
-  it is enabled only by selecting one record on the data table, it deletes the selected element.
-  it is enabled only by selecting one record on the data table, it starts a wizard for the update of the selected element.
-  undo all the modifications on the current data.
-  saves all the modifications on the current data.

6.2 OPERATORS DATA

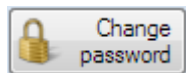
By this mask, you can define all the Operators having access to Hi-Connect and their Password (Login).



In the table, all the operators present in the system are displayed with their data.

6.2.1 Available Actions

Besides the functions of the common buttons and the tool bar the following function is available:



- it is enabled only by selecting one operator from the data table; it opens one mask that allows changing the password.

6.2.2 Operators Types

Operators are all those users who can interact, through Hi-Connect, with the systems, for example in order to display the areas status or to manage the alarms reception. There can be more than one operator, with different profiles and a customized Login password.

There are three classes (levels) of operators:

- Master
- Consumer
- User

The operators defined as Master can:

- Create operators of each level and modify all data.
- Manage the costumer's files
 - Create new customers
 - Modify current customers
 - Delete costumers
- Manage the systems file
 - Create new systems
 - Modify the current systems
 - Delete systems
 - Load remote programming
 - Download remote programming
- Manage the file of the system alarms history
- Manage the events file
- Configure the application

The operators defined as Consumer can:

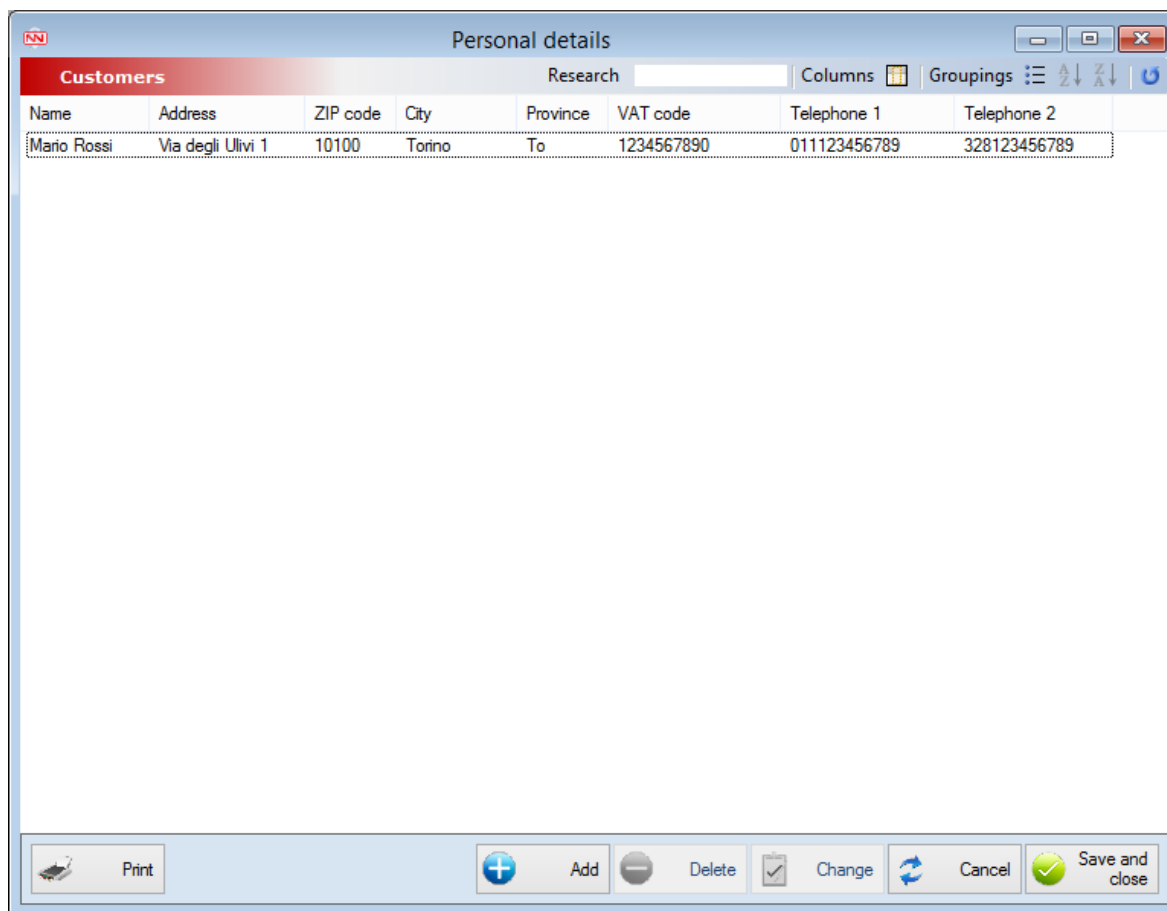
- Modify their own password
- Configure the application
- Select the systems, display data, load the programming and interact with the central

The operators defined as User can:

- Modify their own password
- Select the systems, display data and only load the programming

6.3 CUSTOMERS DATA

By this mask you can define data of your Customers owning an Elkron alarm system.



Name	Address	ZIP code	City	Province	VAT code	Telephone 1	Telephone 2
Mario Rossi	Via degli Ulivi 1	10100	Torino	To	1234567890	011123456789	328123456789

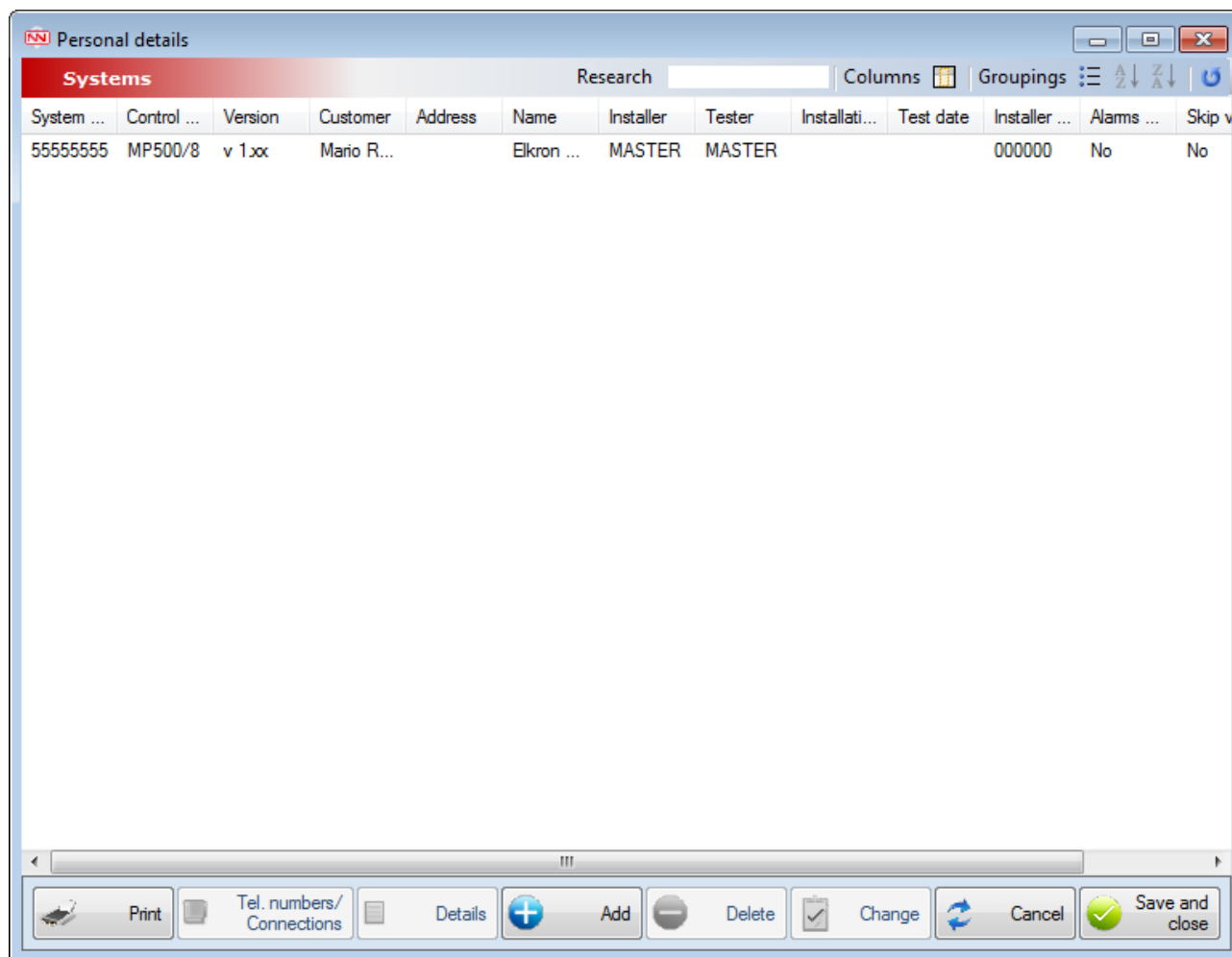
In the table, all the data of the current customers can be displayed.

6.3.1 Available Actions

In the customer's data, the common buttons offer the available operations.

6.4 SYSTEMS DATA

By this mask you can define data of the Elkron systems installed at the customers.



In the table, all the data of the system installations can be displayed.

6.4.1 Available Actions

Besides the available functions of the common buttons and the tool bar, the following function is available:

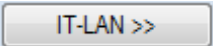
-  **Tel. numbers/Connections**. It is enabled only if you select a system in the data table, starts a Wizard for the management and the inclusion of phone numbers and, to specially equipped models:
 - IP addresses / Http / MAC Address (IT-LAN)
 - IP addresses / MAC Address (IT500WEB)
 - Initializes / Search IT500WEB

The first page shows the telephone numbers related to the selected system.

The screenshot shows a window titled "Telephone numbers" with a sub-header "System telephone numbers entry". It contains a list box with two entries: "0111234567890" and "3331234567890". Below the list is a text input field labeled "Telephone number:" followed by three icons: a plus sign, a minus sign, and a checkmark. At the bottom are four buttons: "Cancel", "<<Back", "IT-LAN >>", and "End".

The Wizard mask has a table where all the telephone numbers configured on the system can be displayed and selected and three operations can be carried out:

addition , removal  and validation of the modifications made to the selected telephone number .

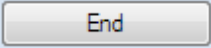
If you access to a system compatible with LAN/Internet connection, it is also possible to access to the Wizard of the configuration of the addresses by pressing the button .

The screenshot shows a window titled "IT-LAN Addresses" with a sub-header "Enter the addresses for the connection to the system". It contains a table with two columns: "Address" and "Port:". The table has three rows of data:

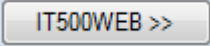
Address	Port:
111.111.111.111	8030
AA-BB-CC-DD-EE-FF	8030
http://www.servertest.com	8030

Below the table is a "Mode:" dropdown menu set to "IP" and an "IP/Port:" input field with a placeholder ". . . :". To the right of the input field are three icons: a plus sign, a minus sign, and a checkmark. At the bottom left is a note: "use on local lan with IT-LAN interface". At the bottom are four buttons: "Cancel", "<<Back", "IT500WEB >>", and "End".

The addresses management Wizard will be displayed. It is similar to the telephone numbers one, actually the same operations of addition, removal and validation can be made. In both Wizards modifications will be saved when at the pressing the button



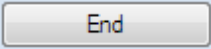
If a system designed for LAN/Internet connection through a Web Server (IT500WEB) has been selected, you can access the Wizard for address configuration by pressing the button



The dialog box titled "IT500WEB Addresses" contains a table for entering addresses. Below the table, there is a "Mode" dropdown menu set to "IT500WEB Local" and an "IP/Port" field set to "5555". To the right of these fields are three small circular icons. Below the IP/Port field is a text label "use on local link with IT500WEB interface". To the right of this label are two buttons: "Search IT500WEB interface on LAN" and "Initialize IT500WEB interface". At the bottom of the dialog are four buttons: "Cancel", "<<Back", "IT500WEB >>", and "End".

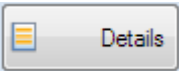
Address	Port:
00-1E-E0-00-5F-81	5555
192.168.100.181	5555

The address management Wizard will be displayed - which looks similar to the telephone number management Wizard; in fact ,you will be able to perform the same tasks to add, remove and validate entries. In both Wizards, when you press the button



, the changes will be saved.

IMPORTANT! Refer to the Ethernet interface or the Web server manuals to locate the information required for LAN access in the different possible modes.



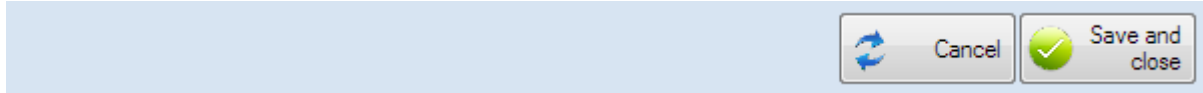
- by selecting a system present on the table and pressing the button Details, you can access to a mask for the consultation of all the data of the selected system in detail.

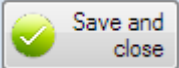
The "Systems details" dialog box displays various system parameters. It includes fields for "Control panel type" (MP500/8), "Version" (v 1.xx), "System code" (55555555), and "Installer code" (000000). The "Name" field is set to "Elkron MP500/8". The "Installer" is "MASTER" and the "Customer" is "Mario Rossi". The "Address" field is empty. There are fields for "Installation date" and "Test date", both set to "...". The "Alarms" field is set to "No" and the "Skip voice mail" field is also set to "No". The "Seconds" field is set to "...". The "IT500Web" section shows the "Mac Address" (00:1E:E0:00:5F:81) and "ID Code" (00:00:49:12:0C:07:DE:E7:1E:0A:FF:F1:FF:25:68), both with "Copy" buttons. On the right, there is a list of "Addresses" including "111.111.111.111:8030", "AA-BB-CC-DD-EE-FF:8030", "http://www.servertest.com:8030", "00-1E-E0-00-5F-81:5555", and "192.168.100.181:5555". Below this list is a section for "Telephone numbers" with the value "011123456789".

7 - CONFIGURATION MENU

7.1 COMMON BUTTONS

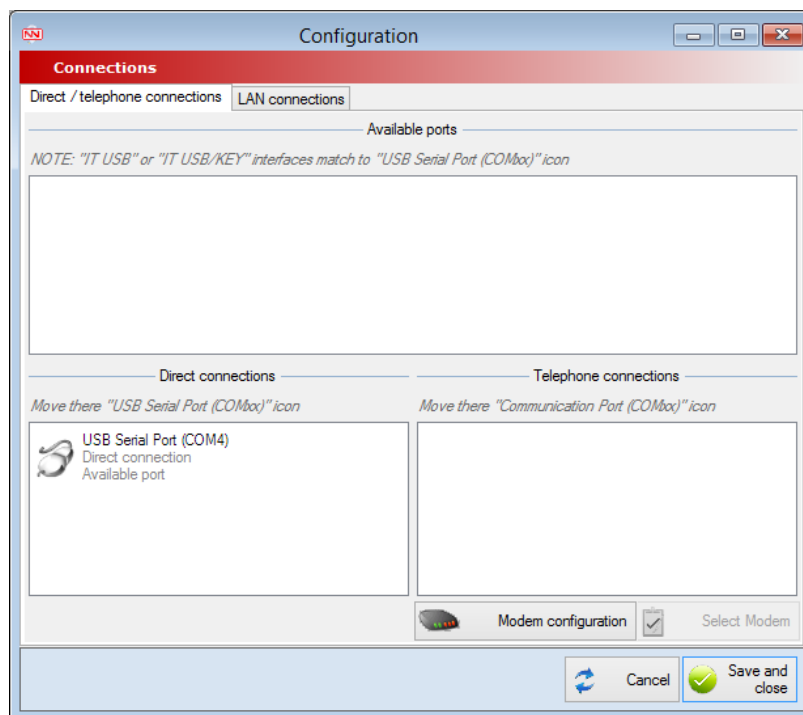
The masks of the section **Configuration** (Connections, Settings), contain a buttons bar that allows access to the most common functions.



-  deletes all the modifications made on the running configuration.
-  saves all the modifications made on the running configuration.

7.2 CONNECTIONS

In this mask, possible connection methods to the central are defined.

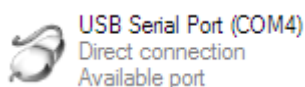


In the tab "Direct / Telephone Connections" you can see with real time update all serial ports in the computer, both hardware or virtual, emulated as an example, by USB interfaces or software.

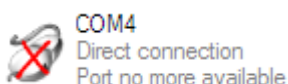
To configure an available serial port as direct or telephone, drag the icon related to the desired area.

To cancel the configuration of a configured port, drag the related icon to the area of the available ports.

- **DIRECT:** In order to connect a system to the computer through serial cable or USB interface, configure the desired port as "Direct Connection", the port shows the following icon:



If the configured port is no longer available, for example the USB interface has been removed from the computer; the port shows the following icon



- **TELEPHONE:** In order to connect a system to the computer through a modem, configure the desired port as “Telephone Connection”, the port shows the following icon:



If the configured port is no longer available, for example the USB interface has been removed from the computer; the port shows the following icon



In the tab “LAN Connections” it is possible to decide whether the connection via LAN/Internet should be enabled to the available central and configure some parameters.

The access data for Elkron server are necessary to connect to a central that does not have a fixed IP address. The server address is already compiled during the setup phase and it should not be necessary to change it without Elkron indication. The user name and the password must be compiled with the data chosen during the registration on the server.

The access data for VPN are necessary to connect to remote systems equipped by Web Server IT500WEB module, for example in case of remote management. To connect to a system equipped by that module in the same local subnet, for example during the installation and the configuration at the customer or during a configuration at your own lab, it is not mandatory being in possession of such data. The user name and the password must be compiled with the data chosen during the registration on the VPN server.

7.2.1 VPN parameters

The Web Server can be managed remotely and securely on the Internet by means of a connection to the Elkron VPN (Virtual Private Network).

This window can be used to enable the VPN connection. To do so enter the necessary access data (**Username** and **Password**) which were sent to the technician after registration on the www.mylkronhome.com portal.

Click on “Require key” to receive the VPC certificate/key from the portal. This is essential to allow data exchange on the Internet. The result will be displayed and the certificate/key received will be automatically saved on Hi-Connect at the end of the procedure.



IMPORTANT! Your computer must be connected to the Internet to complete this procedure.

7.2.2 Available actions

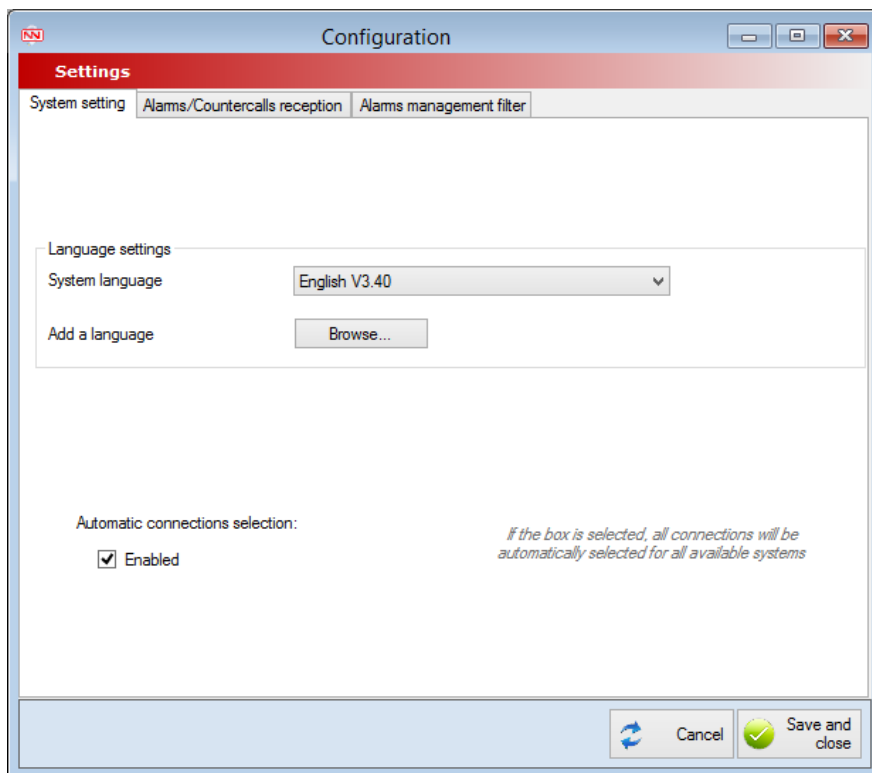
On the connections mask, common buttons offer the available operations.

7.3 SETTINGS

By this mask it is possible to define the used language, configure alarms reception and a filter on the received alarms.

The mask is divided into three cards:

7.3.1 System settings

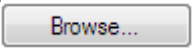


From this card, you can choose the language for the entire program.



IMPORTANT! language change is possible only without systems in management; if you access to the settings with an open central mask, the language drop-down menu will be disabled.

It is possible to add languages directly downloaded from the Elkron website.

The  key opens a window for the selection of the file in “hcl” format.

In this card, you can also enable the automatic selection of the connections, by putting a

Automatic connections selection:

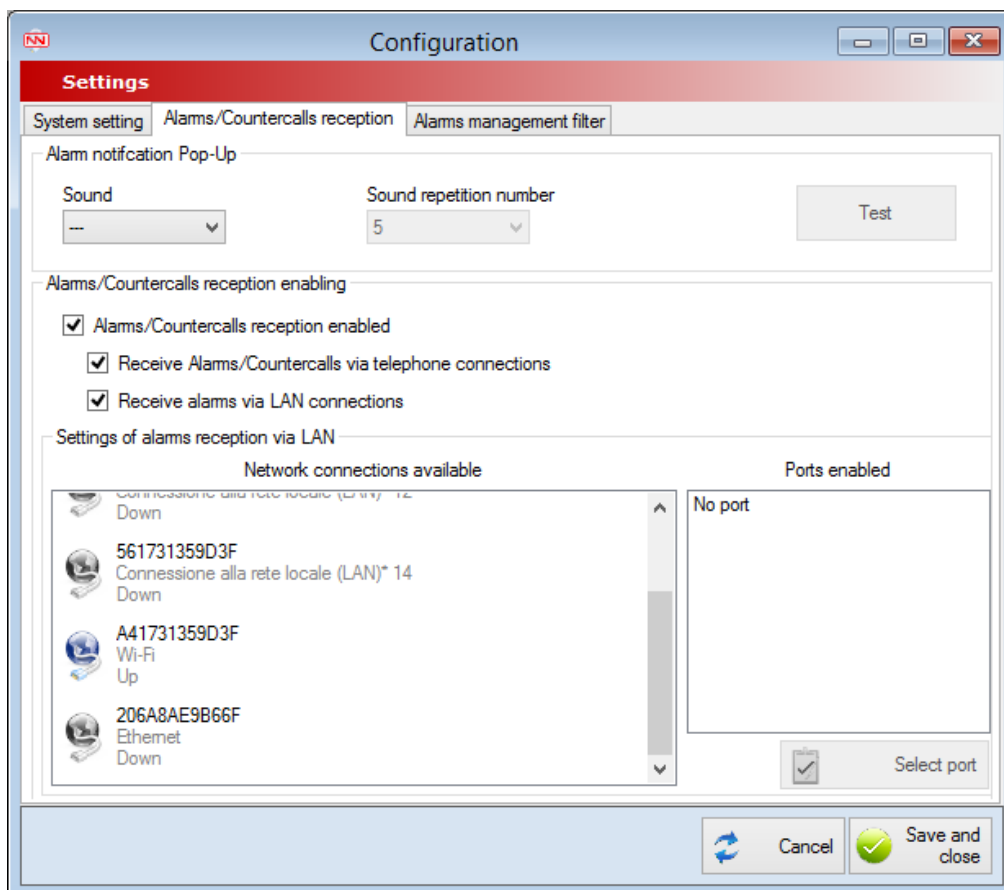
☒ Enabled

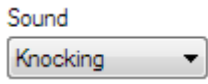
tick mark
the available list of connections.
The setting is enabled by default.

. In this way, every system will display all connections configured in the mask “Connections” in

7.3.2 Alarms reception

Through this card, it is possible to enable and configure the reception of alarms and counter calls.



You can select a sound to play on the reception of an alarm choosing it from the drop-down menu  and the number of repetitions, choosing it from the drop-down menu .

Press  to test the selected setting.

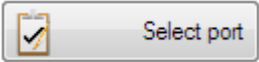
Enable the reception by the required tick mark ☒ **Alarms/Counter calls reception enabled**, then choose the reception modes:

- ☒ **Receive Alarms/Counter calls via telephone connections**
- ☒ **Receive alarms via LAN connections**

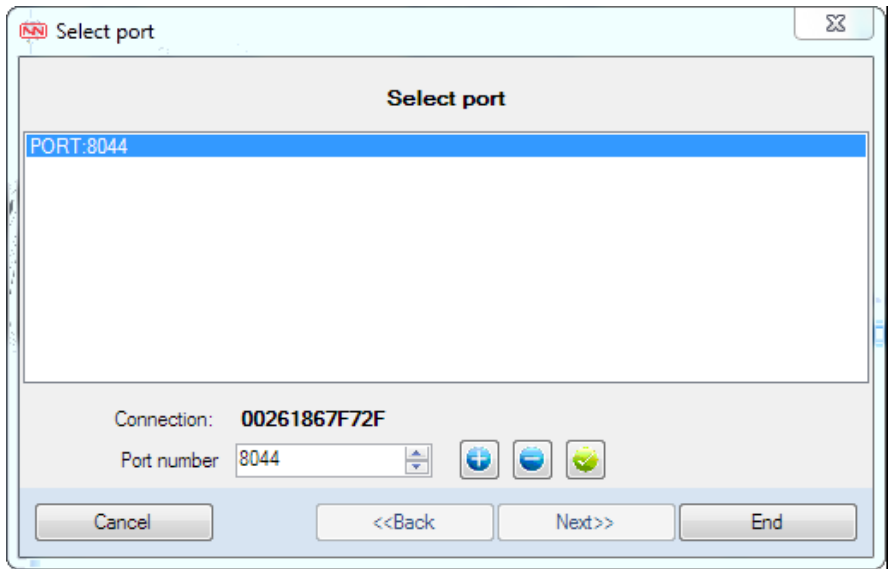
If you choose to enable the reception through LAN on the table "Available network connections" you should have at least one enabled

connection, with the word "Up" placed below the name  00261867F72F
WPV Elcron
Up

It is also necessary to configure at least one port over which the Hi-Connect will be receptive for connection requests from the outside,

by pressing the button .

When pressing the button, a Wizard will appear, on which you can add , remove  or modify  the configured ports.

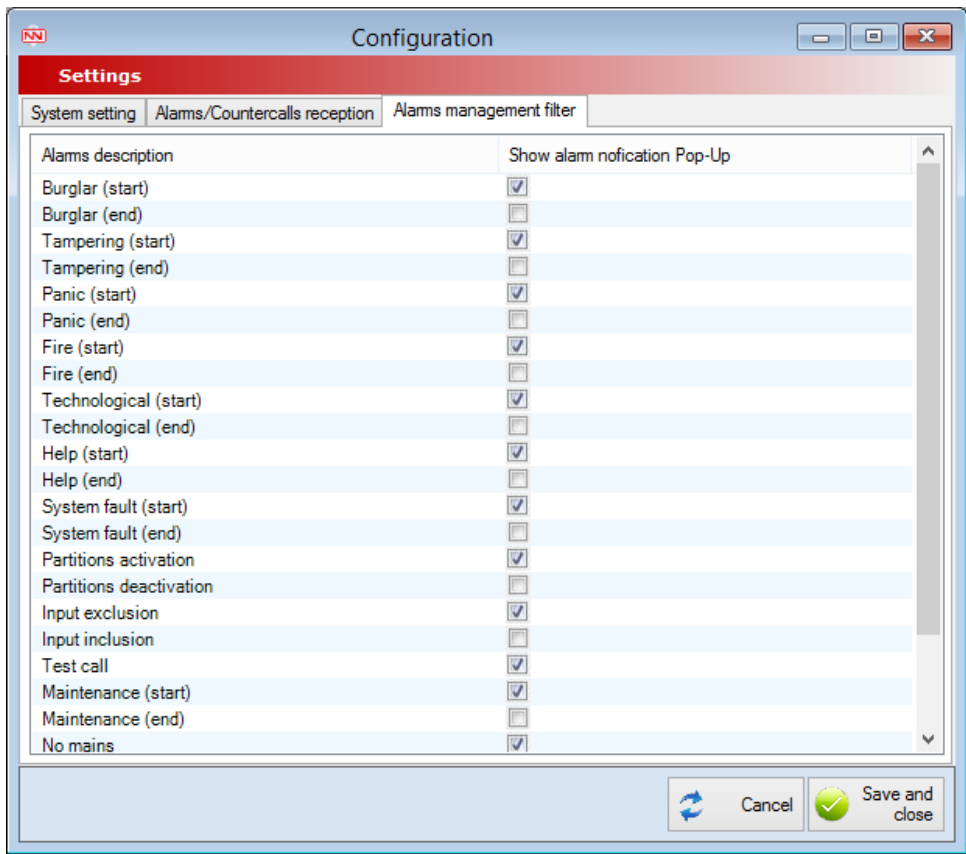


The 'Select port' dialog box has a title bar with a red 'X' icon and a close button. The main area is titled 'Select port' and contains a list box with 'PORT:8044' selected. Below the list box, there is a 'Connection:' label with the value '00261867F72F' and a 'Port number' label with a text box containing '8044'. To the right of the text box are three buttons: a blue square with a white plus sign, a blue square with a white minus sign, and a green square with a white checkmark. At the bottom, there are four buttons: 'Cancel', '<<Back', 'Next>>', and 'End'.

 **IMPORTANT!** A Firewall message could appear when saving the settings for the reception of alarms. In order to have the alarm reception work, allow access to Hi-Connect for each networks.

7.3.3 Alarm enabling filter

In this card, you can select which alarms may be shown with the appropriate pop-up.



The 'Configuration' dialog box has a title bar with a red 'X' icon and standard window controls. It has three tabs: 'System setting', 'Alarms/Counter calls reception', and 'Alarms management filter'. The 'Alarms management filter' tab is selected. It contains a table with two columns: 'Alarms description' and 'Show alarm notification Pop-Up'. The table has 20 rows, each with a description and a checkbox. At the bottom, there are three buttons: a blue square with a white plus sign, a blue square with a white minus sign, and a green square with a white checkmark.

Alarms description	Show alarm notification Pop-Up
Burglar (start)	☒
Burglar (end)	☐
Tampering (start)	☒
Tampering (end)	☐
Panic (start)	☒
Panic (end)	☐
Fire (start)	☒
Fire (end)	☐
Technological (start)	☒
Technological (end)	☐
Help (start)	☒
Help (end)	☐
System fault (start)	☒
System fault (end)	☐
Partitions activation	☒
Partitions deactivation	☐
Input exclusion	☒
Input inclusion	☐
Test call	☒
Maintenance (start)	☒
Maintenance (end)	☐
No mains	☒

In order to configure the display of an alarm, put a tick mark in the column "Display Pop-Up Alarm".

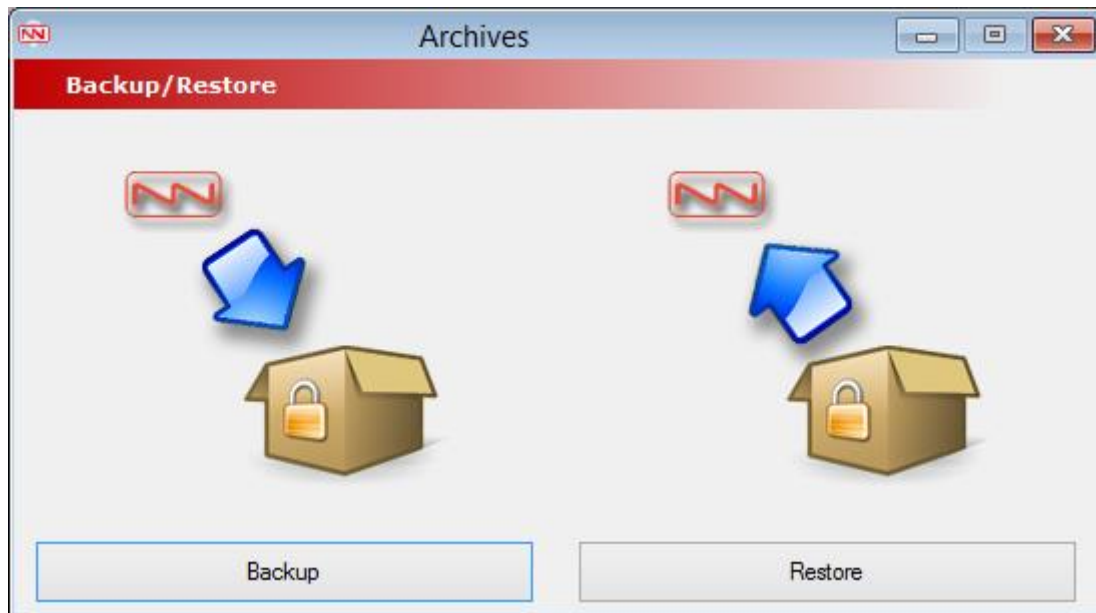
7.3.4 Available Actions

On the mask Settings of the system, common buttons offer the available operations, apart from the ones described above.

8 - ARCHIVES MENU

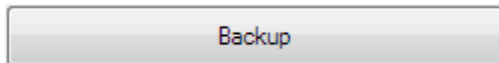
8.1 BACKUP / RESTORE

From this window, you can carry out Backup of the current data or Restore of previous data.



8.1.1 Backup

Pressing the key

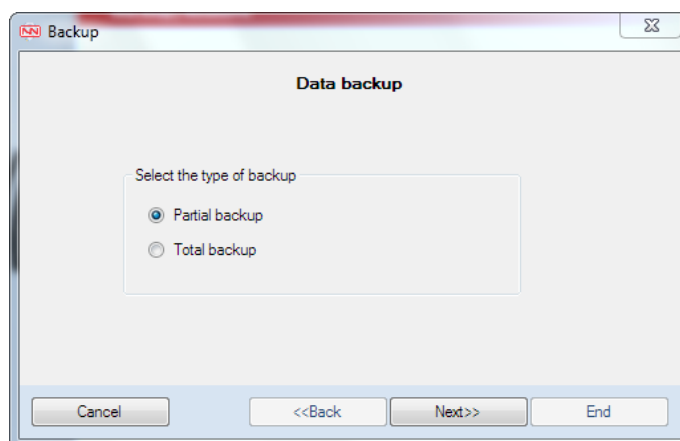


you will start the Wizard for the procedures the saving of the data

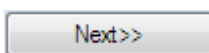
safety copy.

- Selection of Backup type

In this step, it is possible to decide whether to carry out a partial Backup, that is by deciding through a series of intermediate steps which data are saved, or whether to carry out a total Backup.

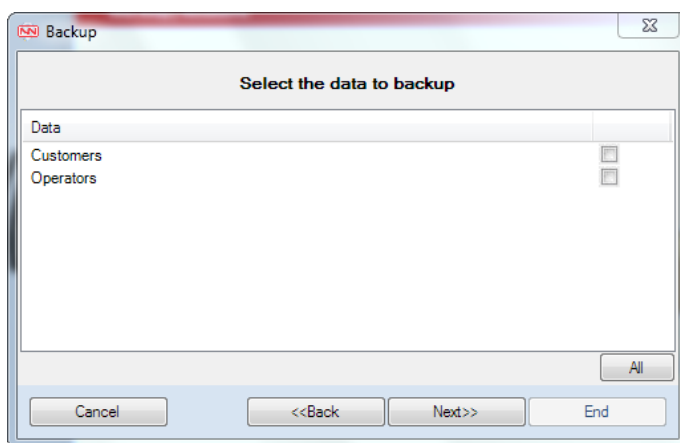


After having decided that, press the key "Forward"

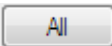


, to access to the following steps of the Wizard.

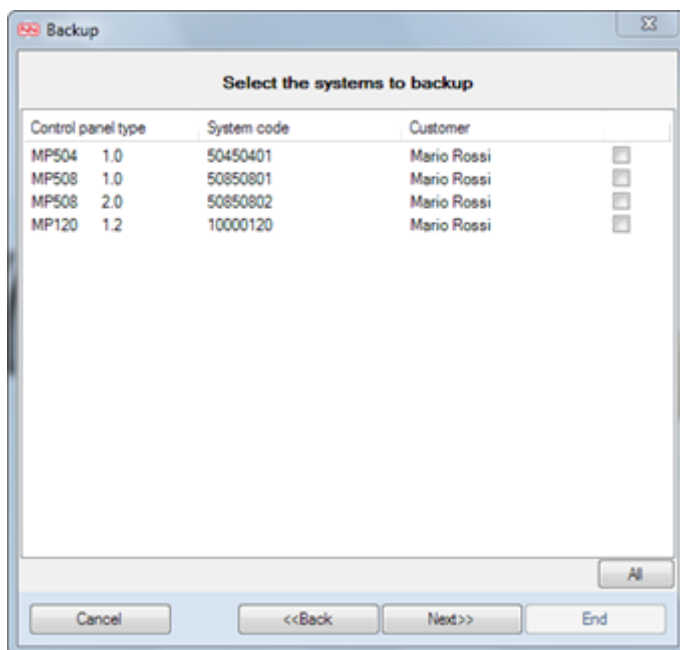
- **Selection of complete data (partial Backup)**

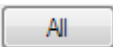


In this step, it is possible to select the data to be saved completely.

Pressing the button , all available data are automatically selected or deselected.

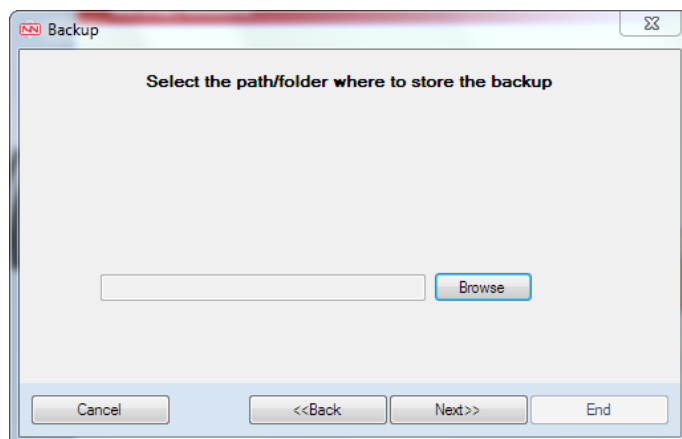
- **System selection (partial Backup)**

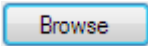


In this step, it is possible to select the systems to be saved; the central type, the system code and the customer, to whom it belongs, are displayed on the table. Pressing the button , all available systems are automatically selected or deselected.

- Selection of Backup file

If the total backup has been previously selected, this will be the second step of the Wizard.



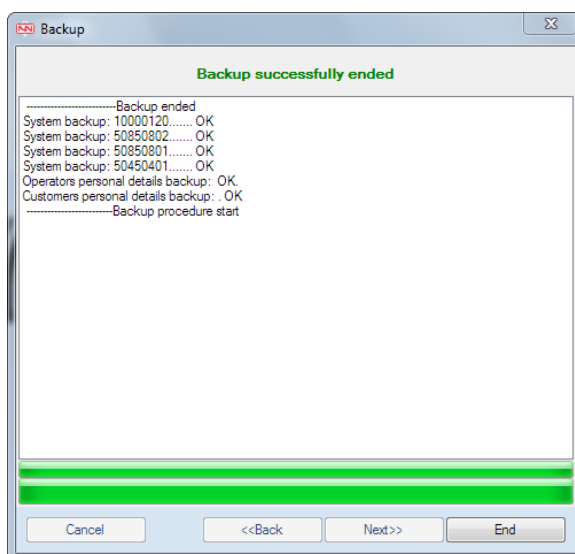
In this step, by pressing , it is possible to indicate the name of the file that will include the backup and the position to create it.

- Backup summary

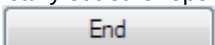


In this step, it is possible to control the data selected and saved in the backup file. Pressing the button "Forward", the backup process will open only if in previous steps, at least one element, on which a backup was carried out, was selected; otherwise, an error message will be displayed.

- Progress of the Backup process:



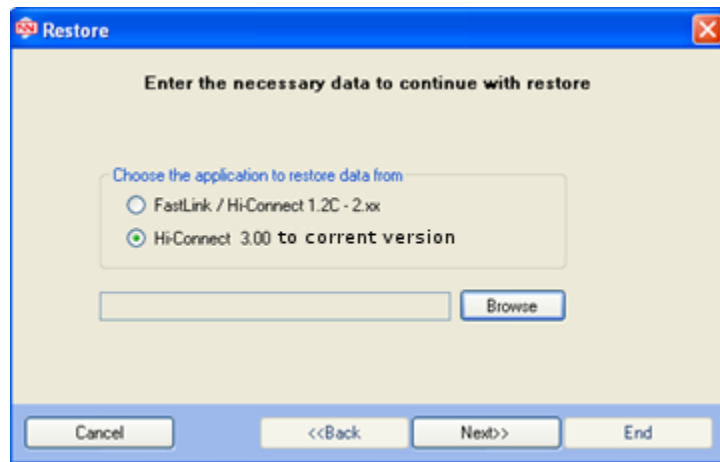
In this step, it is possible to observe in real time the Backup operation and its success. You will not be able to carry out other operations until the process is finished.

At the end, the button  will be re-enabled, press it to restore the Wizard.

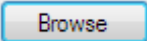
8.1.2 Restore

Press the button “Restore”  to start the Wizard for the recovery of previously stored data or data belonging to older versions of Hi-Connect or FastLink.

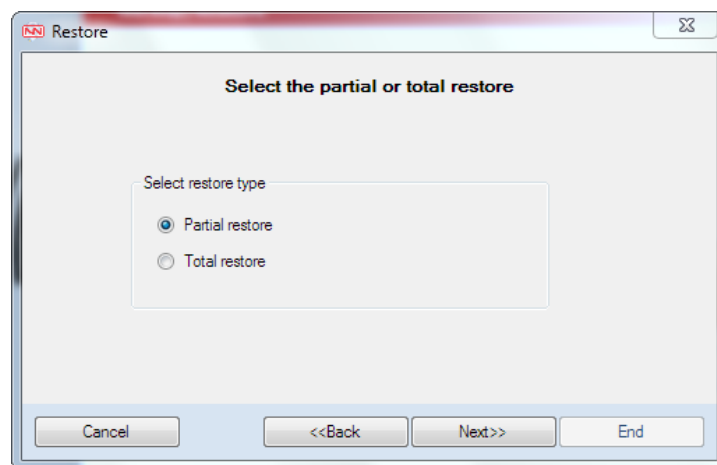
- **Old versions or new version restore selection:**



In the first step, it is possible to select whether to restore a backup of FastLink, of the old versions of Hi-Connect or of the current one.

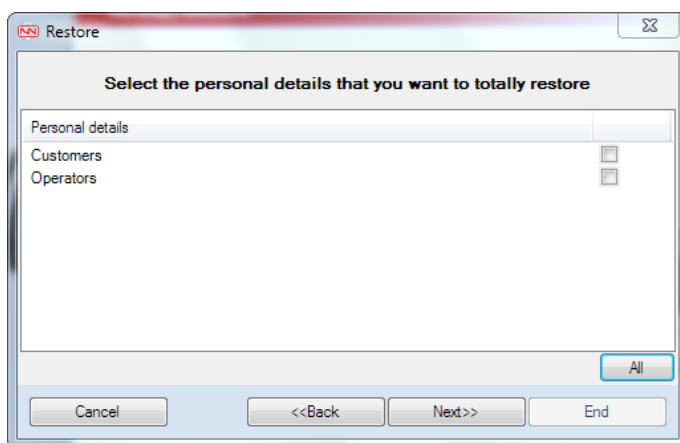
If you want to restore the FastLink / Hi-Connect 1.2C – 2.xx data, the button  will open the window in order to select the folder for the backup, while if you choose to restore data from Hi-Connect 3.xx, the button will open the window for the selection of the file with extension `.hc`.

- **Total or partial restore selection**

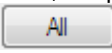


In this step, it is possible to select whether to carry out a total restore, all the data in the current files, or a partial restore, selecting the data to restore.

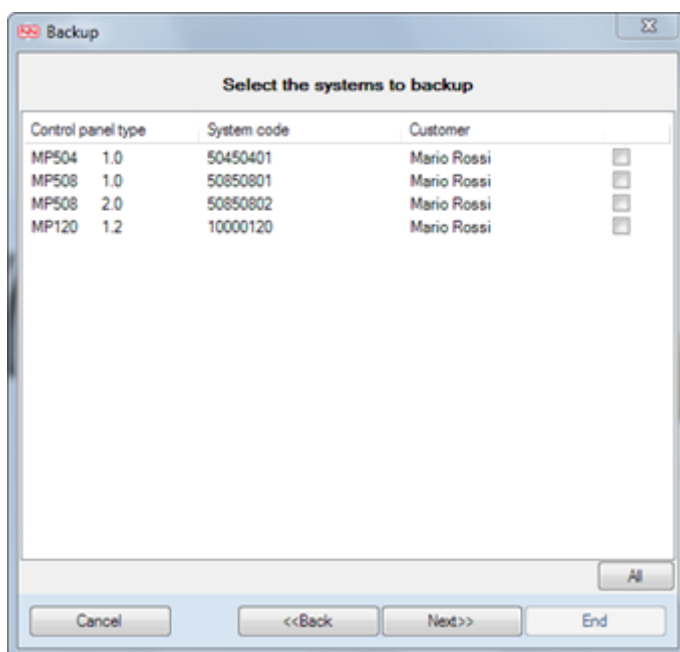
- **Selection of complete data (partial restore)**

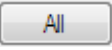


In this step of the Wizard, it is possible to select the data to be restored completely.

Pressing the button , all available data are automatically selected or deselected.

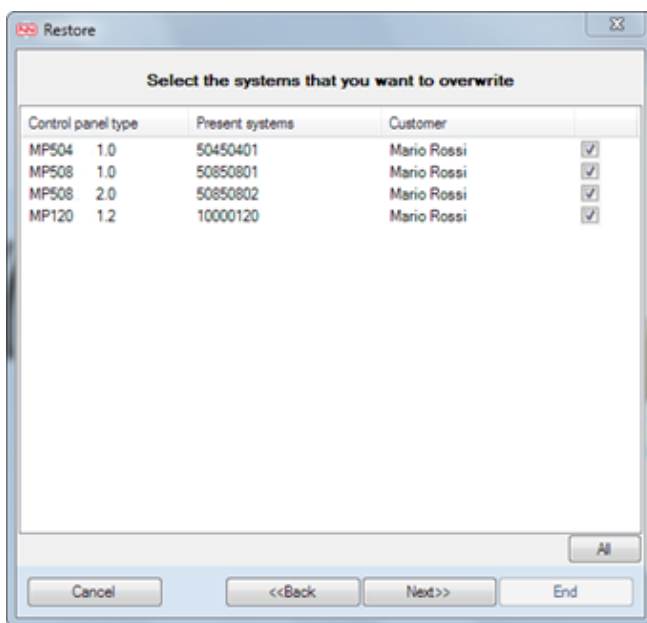
- **Selection of systems to be restored (partial restore)**



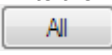
In this step, it is possible to display all the systems present in the selected backup and choose which one you want to restore. By pressing the button , all available systems are automatically selected.

- Selection of systems to be overwritten

If total restore has been previously chosen and in the current files there are systems that are to be restored, this will be the second step of the Wizard that will be displayed; otherwise, it will go directly to the summary window.

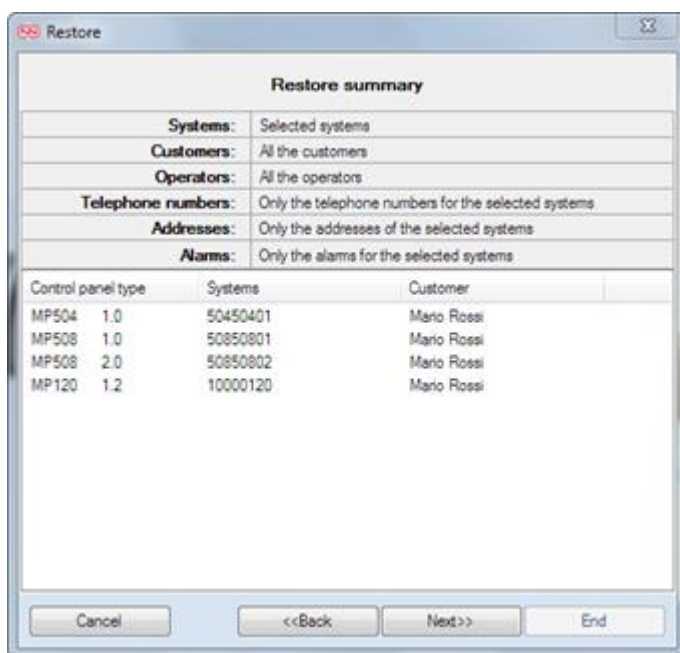


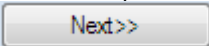
In this step, the systems selected for the restore and already present in the current files are displayed and it is possible to choose whether to overwrite them.

By pressing the button  all systems are automatically selected or deselected.

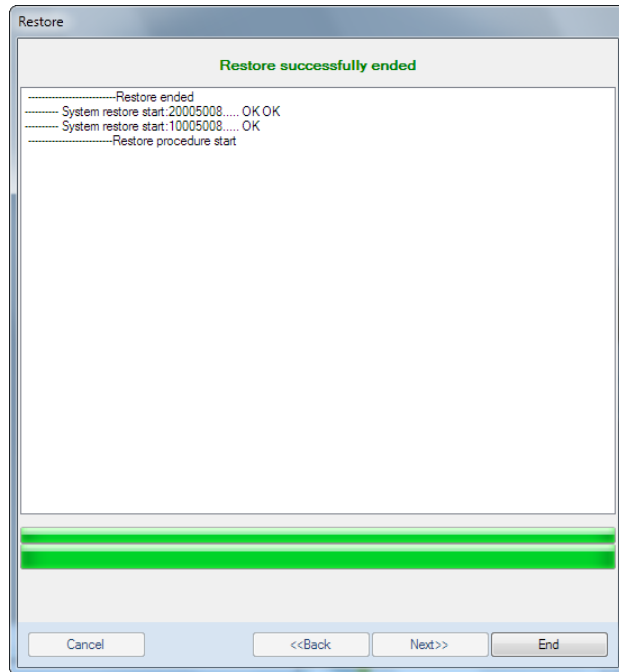
- Restore summary

If total restore has been previously chosen and in the program there are not systems to be restored, this will be the second step of the Wizard that will be displayed.

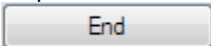


In this step, it is possible to control all data that have been selected and to be restored. By pressing the button , the restore process will start only if in previous steps, some items were selected in order to be restored; otherwise, an error message will be displayed.

- **Progress of restore process**



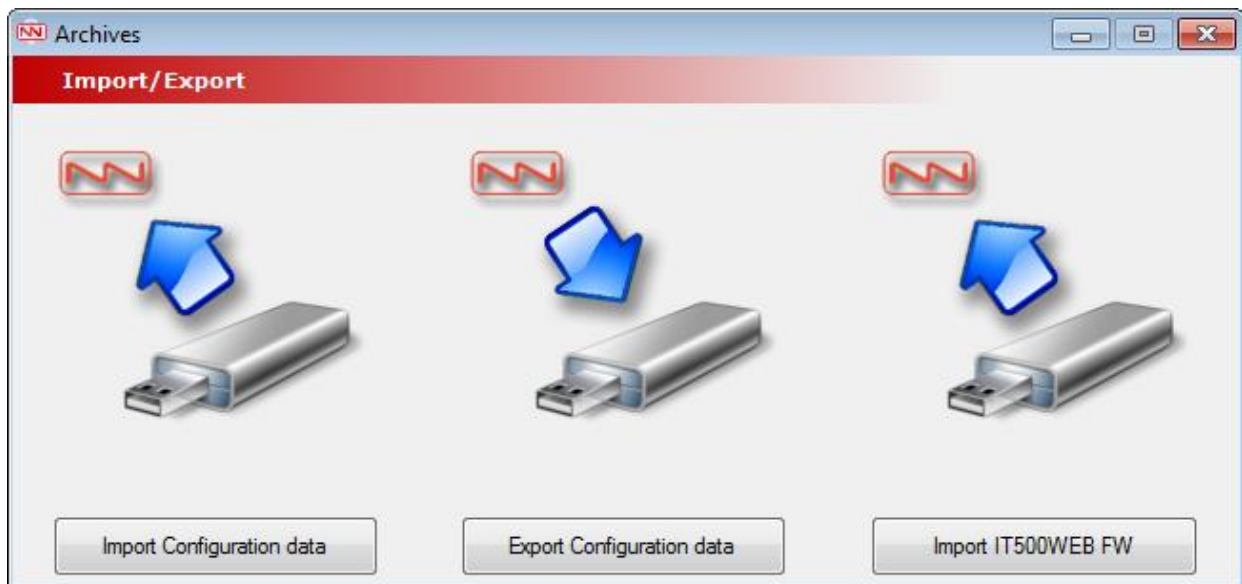
In this step, it is possible to observe in the real time the restore operations and their success. You will not be able to carry out other operations until the process is finished.

At the end, the button  will be re-enabled, press it to restore the Wizard.

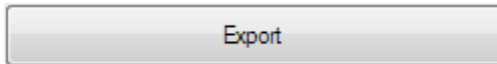
8.2 IMPORT / EXPORT/ FW IMPORT

In this screen you can:

- Via a USB stick:
 - Import / Export configurations and / or historical events of the systems that support this feature.
- Via a USB stick and / or by other routes:
 - Import new FW versions for the Web Server (IT500WEB).

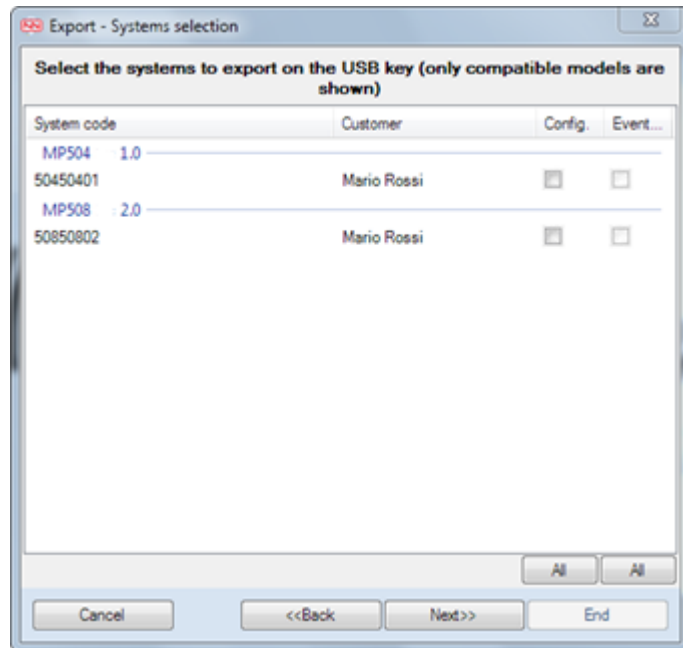


8.2.1 Export

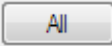


The button starts the Wizard for the export to the USB.

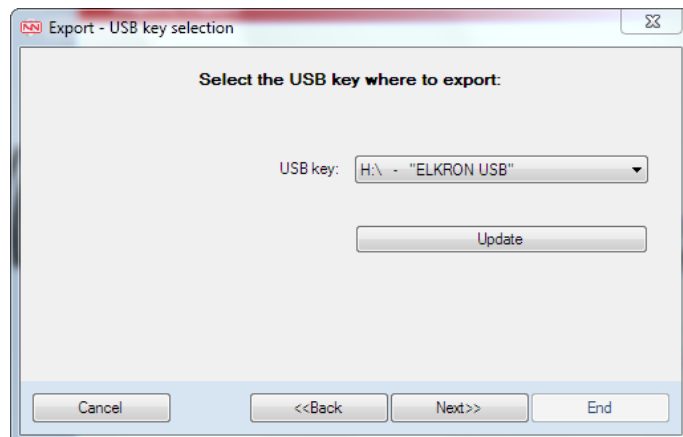
- Selection of export data



In the first step, it is possible to display all the systems that are able to carry out the operation and select whether to export the configuration and/or the history of events, selected only if, at least, one event is present for export.

By pressing the button  all the configurations and/or all history of events of all systems are automatically selected.

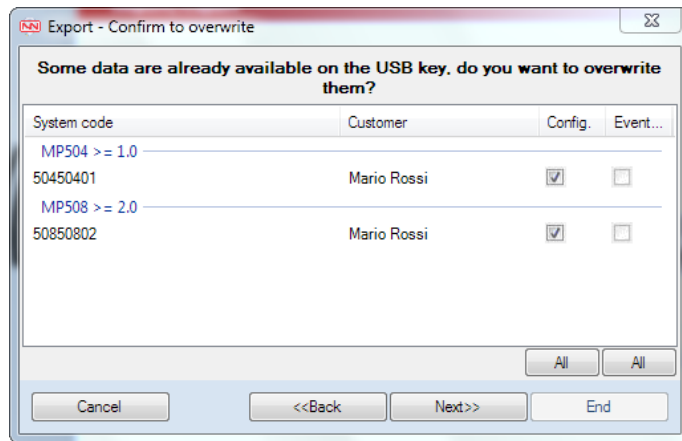
- Selection of USB key:

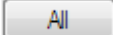


In this step of the Wizard, it is possible to select the USB key in which the selected data will be exported.

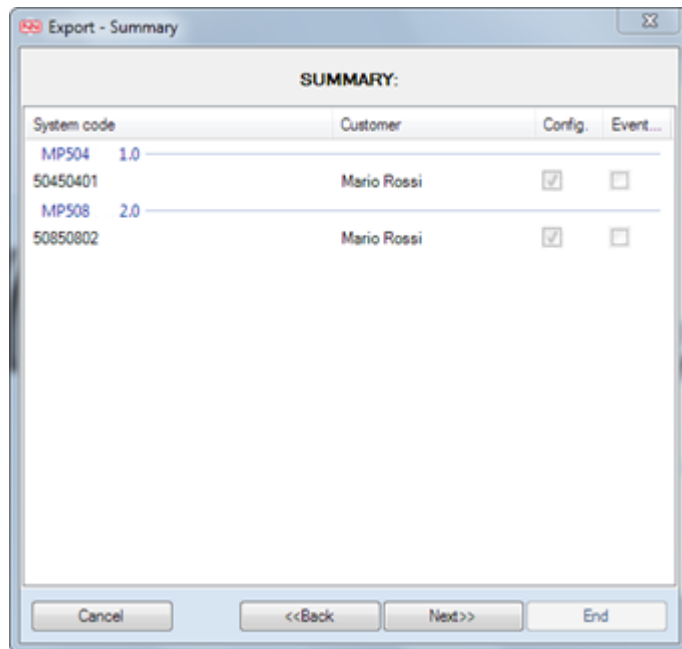
The key  recharges the drop-down menu containing the key connected to the PC.

- **Overwrite confirmation**



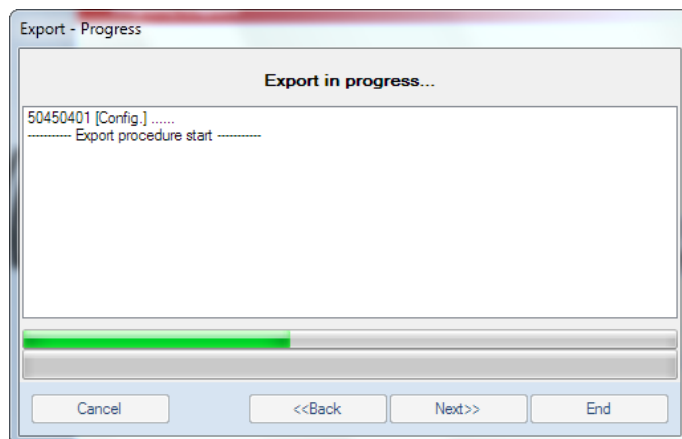
In this step, all systems to be exported and already present in the USB key are displayed; it is possible to choose whether to overwrite them or not. By pressing the button , all the configurations and/or all history of events of all systems are automatically selected.

- **Summary**

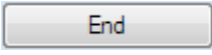


In this step, it is possible to display the data to be exported in the key.

- **Progress of the export process**



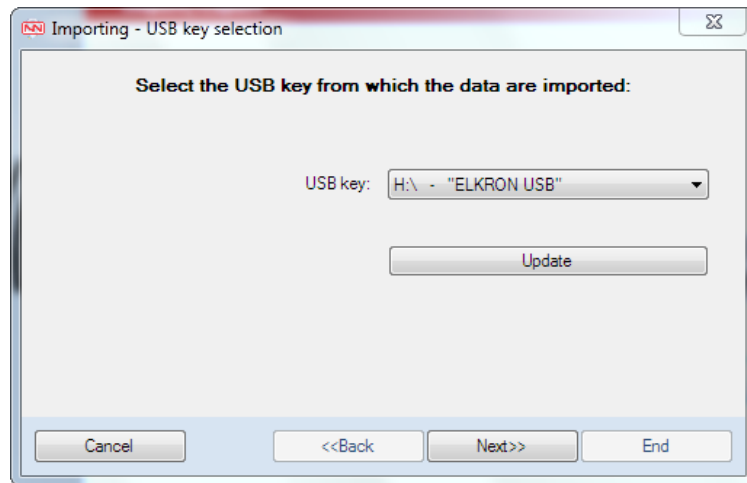
In this step, it is possible to observe, in real time, the Export operations and their success. You will not be able to carry out other operations until the process is finished.

At the end, the button , will be re-enabled, press it to restore the Wizard.

8.2.2 Import

The button  starts the Wizard for the import of saved data from USB.

- Selection of USB key

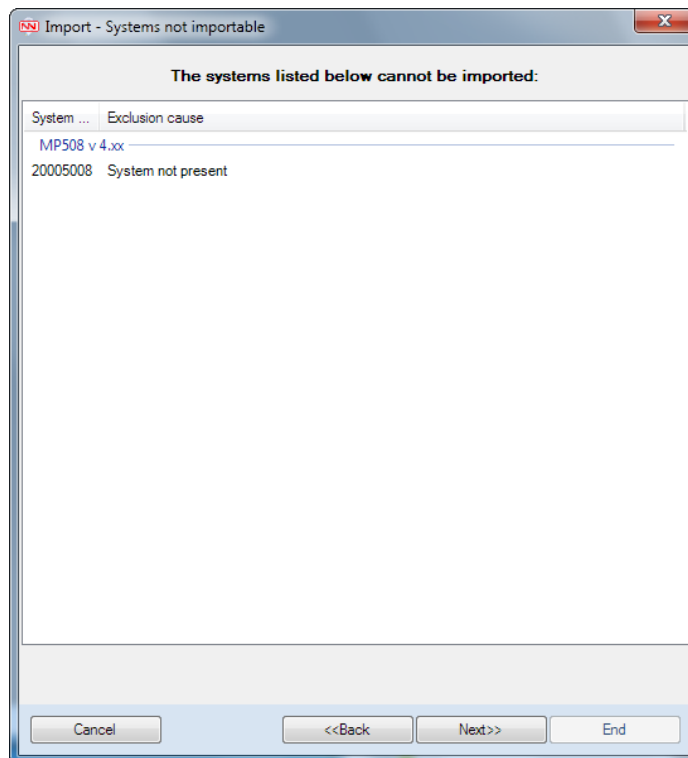


In the first step, it is possible to select the USB key from which to import configurations and/or history of events.

The key  recharges the drop-down menu containing the USB key connected to the PC.

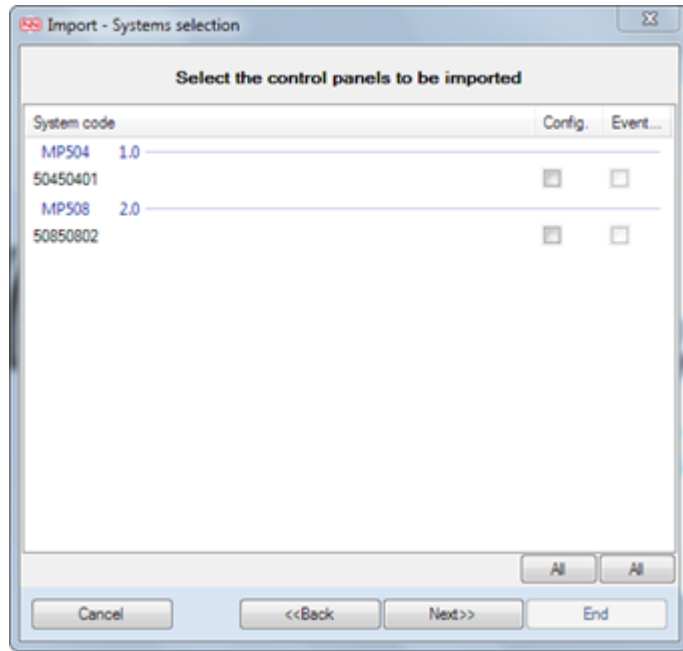
- Display of non-importable systems

This step will be displayed only if there are configurations and/or history events, not imported in Hi-Connect, on the USB key.

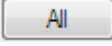


In this step, it is possible to display all systems that cannot be imported and the reason.

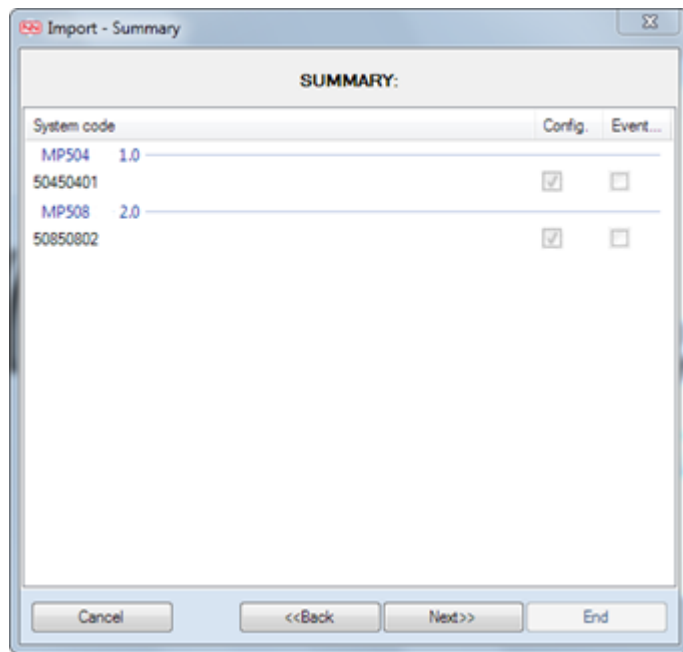
- **Selection of data to be imported**



In this step, it is possible to display and select the configurations and the history of the current systems on the USB key. If, for a system, only the configuration or only the history is available, the missing option will not be selected.

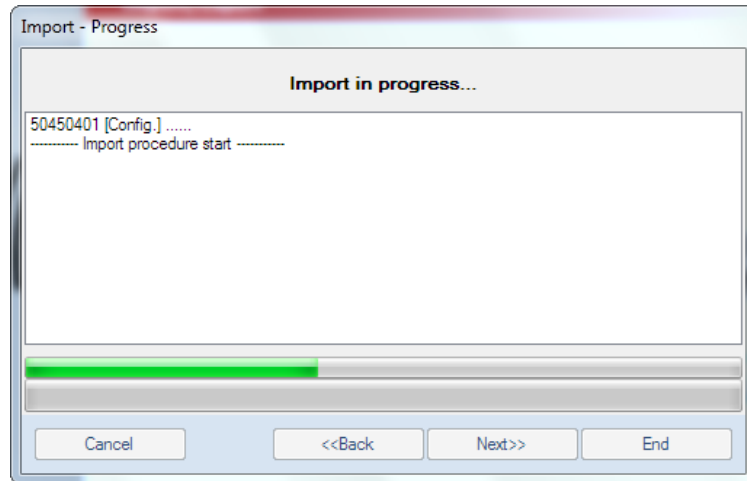
By pressing the button , all the configurations and/or all available history of events are automatically selected.

- **Summary**

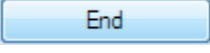


In this step, it is possible to display the data to be imported by the selected key.

- **Progress of import process:**

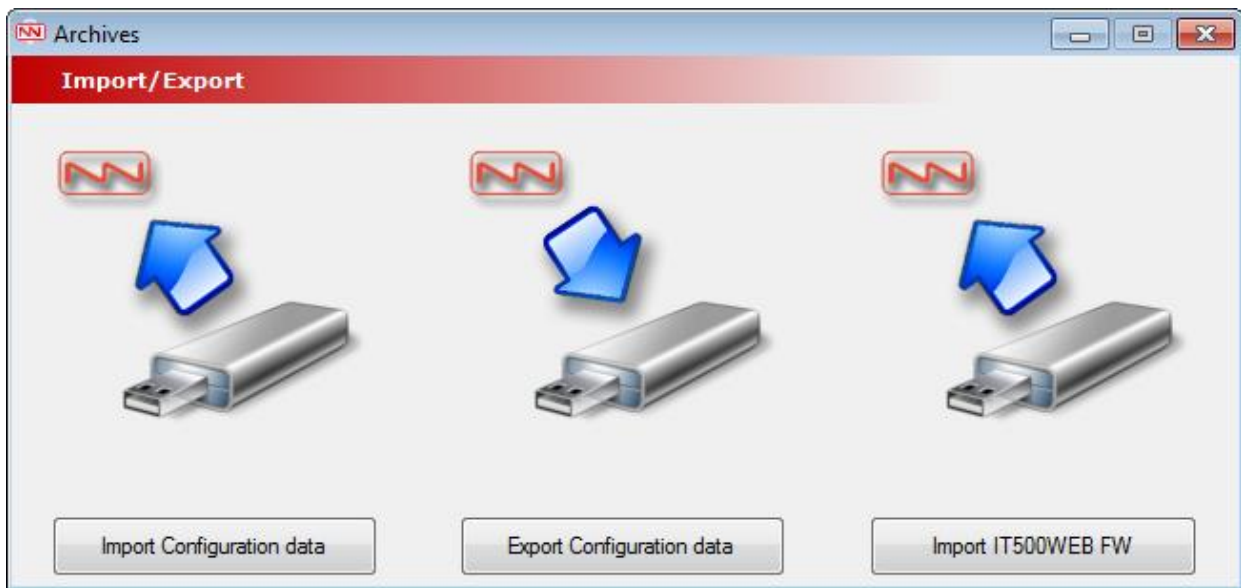


In this step, it is possible to observe, in real time, the import operations and their success. You will not be able to carry out other operations until the process is finished.

At the end, the button  will be re-enabled, press it to restore the Wizard.

8.2.3 Import IT500WEB FW

This window can be used to import the firmware (file in .tar format) to Hi-Connect to update the Web Server. File coherence will be checked automatically during the import procedure. The result will be displayed at the end of the operation.



The button  starts the wizard for importing new FW version of the Web Server (IT500WEB).

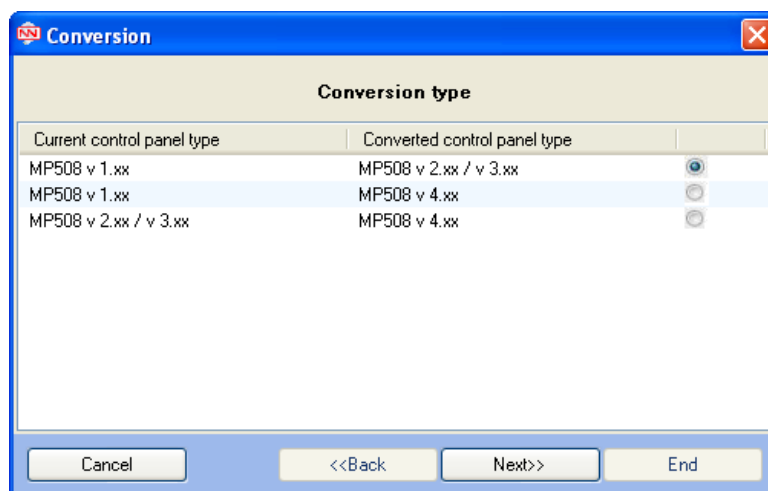
8.3 SYSTEMS CONVERSION

From this window, it is possible to convert saved systems into compatible models.



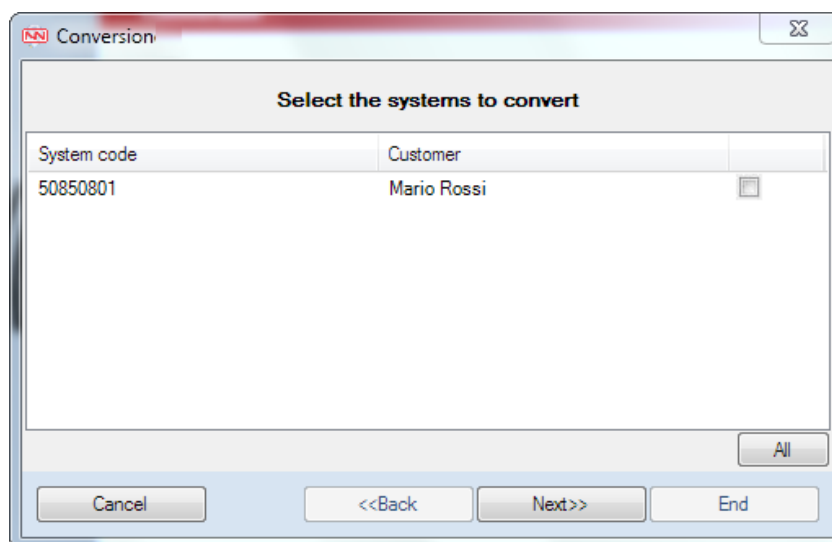
The button  starts the Wizard for the conversion of the compatible systems.

- Selection of the conversion type

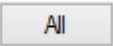
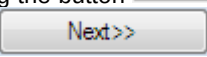


In the first step of the wizard you can select the type of the conversion you will use.

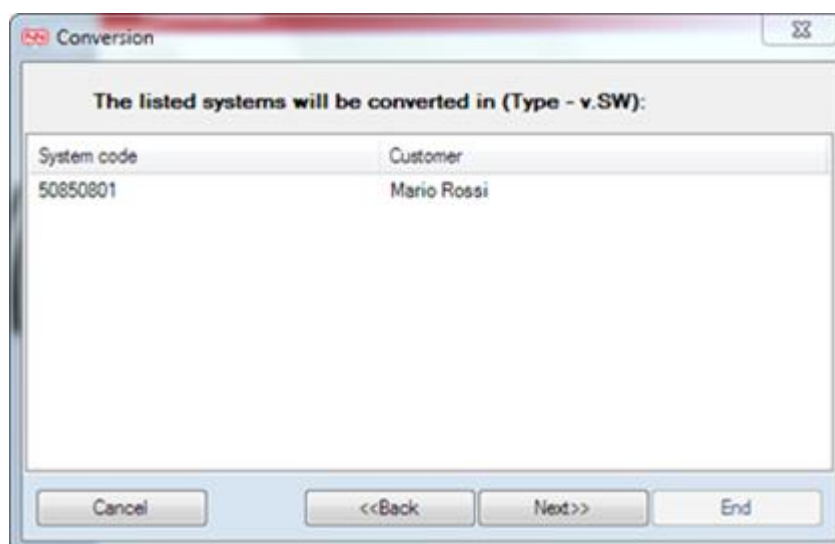
- **Selection of systems to be converted**



In this step of the Wizard, it is possible to select the systems that can be converted. The system list shows only the systems that match the type showed in the column “Current control panel type” of the conversion type chosen in the previous step.

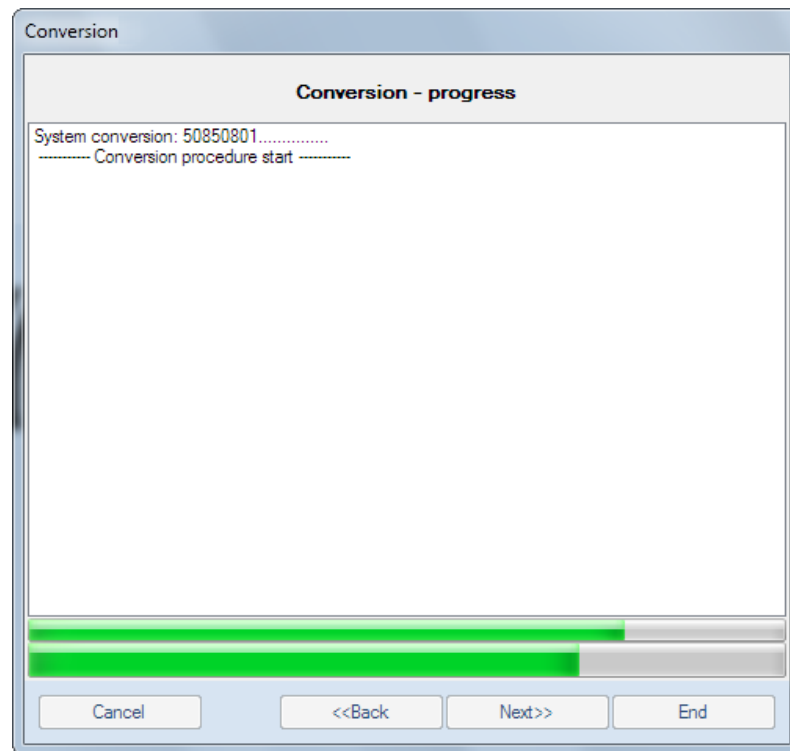
By pressing the button  all convertible systems are automatically selected. If no system is selected, when pressing the button , an error message will be displayed.

- **Conversion summary**

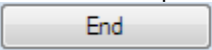


In this step of the Wizard, it is possible to display the systems to be converted.

- **Progress of summary process**



In this step of the Wizard, it is possible to display, in real time, the development of the conversion process. You will not be able to carry out other operations until the process is finished.

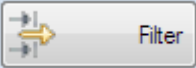
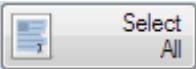
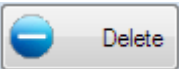
At the end, the button  will be re-enabled, press it to restore the Wizard.

9 - EVENT LOGS MENU

9.1 COMMON BUTTONS

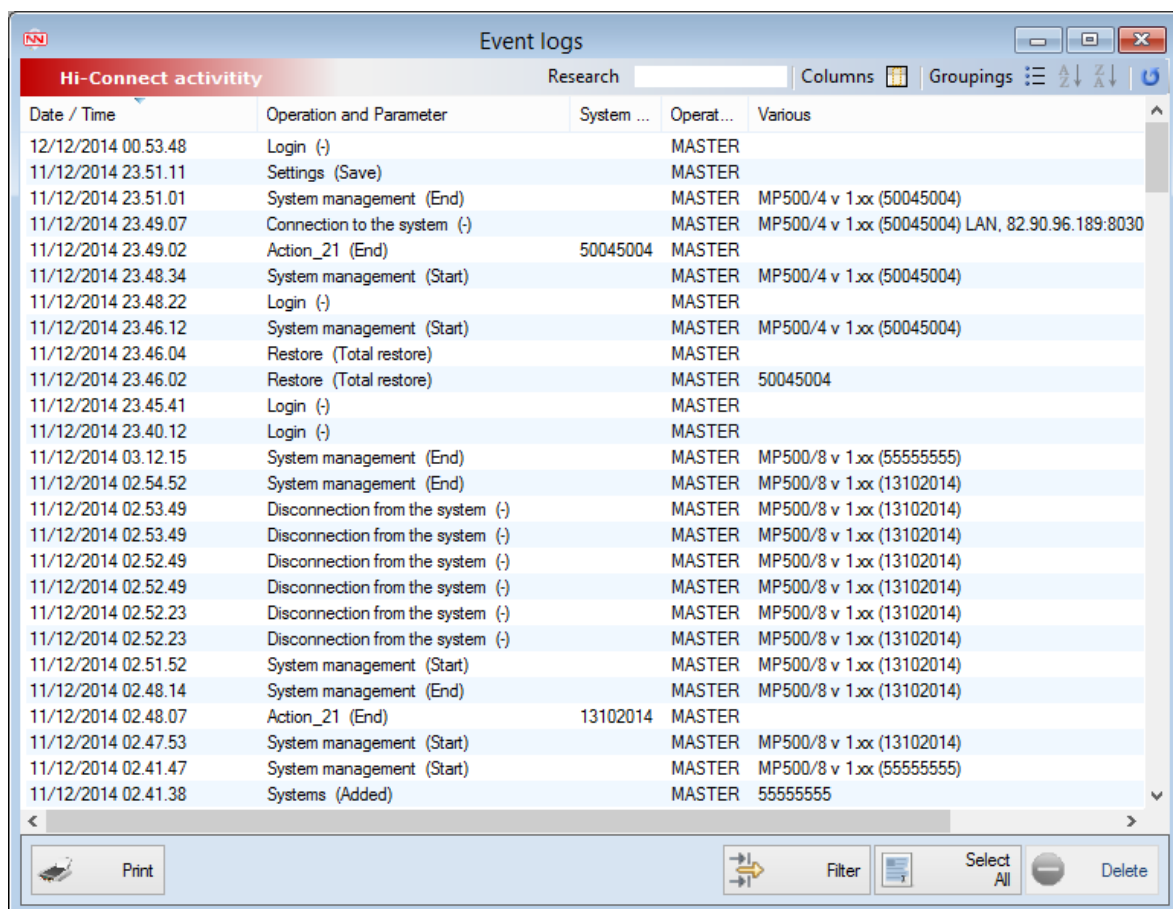
The masks of the **History** section, Hi-Connect Activity and Recent Alarms contain a bar of buttons that allows access to the most common functions, located under the data display table.



-  prints a report of all data displayed on the table.
-  displays a mask to set a filter for the display of the available data on the table.
-  selects all the records displayed on the table.
-  it is enabled only if one or several records are selected, it deletes all the selected records. It is possible to delete the records also with the CANC keyboard key.

9.2 ACTIVITY

In this screen, it is possible to display all the activities carried out in Hi-Connect.



Date / Time	Operation and Parameter	System	Operat...	Various
12/12/2014 00.53.48	Login (-)		MASTER	
11/12/2014 23.51.11	Settings (Save)		MASTER	
11/12/2014 23.51.01	System management (End)		MASTER	MP500/4 v 1.xx (50045004)
11/12/2014 23.49.07	Connection to the system (-)		MASTER	MP500/4 v 1.xx (50045004) LAN, 82.90.96.189:8030
11/12/2014 23.49.02	Action_21 (End)	50045004	MASTER	
11/12/2014 23.48.34	System management (Start)		MASTER	MP500/4 v 1.xx (50045004)
11/12/2014 23.48.22	Login (-)		MASTER	
11/12/2014 23.46.12	System management (Start)		MASTER	MP500/4 v 1.xx (50045004)
11/12/2014 23.46.04	Restore (Total restore)		MASTER	
11/12/2014 23.46.02	Restore (Total restore)		MASTER	50045004
11/12/2014 23.45.41	Login (-)		MASTER	
11/12/2014 23.40.12	Login (-)		MASTER	
11/12/2014 03.12.15	System management (End)		MASTER	MP500/8 v 1.xx (55555555)
11/12/2014 02.54.52	System management (End)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.53.49	Disconnection from the system (-)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.53.49	Disconnection from the system (-)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.52.49	Disconnection from the system (-)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.52.49	Disconnection from the system (-)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.52.23	Disconnection from the system (-)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.52.23	Disconnection from the system (-)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.51.52	System management (Start)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.48.14	System management (End)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.48.07	Action_21 (End)	13102014	MASTER	
11/12/2014 02.47.53	System management (Start)		MASTER	MP500/8 v 1.xx (13102014)
11/12/2014 02.41.47	System management (Start)		MASTER	MP500/8 v 1.xx (55555555)
11/12/2014 02.41.38	Systems (Added)		MASTER	55555555

When access to the screen, all the saved activities in the files are displayed.

It is possible to filter the list by start date/time, end date/time, system and operator, to access to the following mask and configure the related categories.

Activity System Filter

"Select and set the filter to use, confirm the change pressing ""Confirm""."

☐

Start Data/Time Filter:

Start Date:

mercoledì 21 aprile 2010 13.27.39

☐

End Data/Time Filter:

End Date/Time:

mercoledì 21 aprile 2010 13.27.39

☐

System filter

System

43010111

☐

Operator's Filter

Operator:

MASTER

OK

Reset

Cancel

9.3 RECENT ALARMS

From this screen, it is possible to display the last 500 alarms received from the management systems.

Event logs

Recent alarm

Research

Columns

Groupings

Reception Date / Time	Type and Alarm Phase	Origin	Info Alarm	Alarm Date / Time
26/11/2014 10.42.33	Partitions Arming	EV_WebServer	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 10.41.00
26/11/2014 10.41.40	Partitions Disarming	EV_WebServer	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 10.41.00
26/11/2014 10.40.46	Partitions Arming	EV_WebServer	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 10.40.00
26/11/2014 09.25.42	Partitions arming block	KP01 - KP 01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.25.00
26/11/2014 09.25.39	Tamper	ER01.HP01 - Sirena Radio	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.25.00
26/11/2014 09.25.36	Tamper	ER01.HP01 - Sirena Radio	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.24.01
26/11/2014 09.24.57	Partitions arming block	KP01 - KP 01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.24.00
26/11/2014 09.24.47	Tamper	ER01.HP01 - Sirena Radio	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.24.00
26/11/2014 09.24.38	Tamper	UC	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.24.00
26/11/2014 09.09.29	Partitions Disarming	KP01 - KP 01	MASTER / Partitions: System	26/11/2014 09.08.01
26/11/2014 09.09.26	Partitions Arming	KP01 - KP 01	MASTER / Partitions: 2 - Volumetrici Pia...	26/11/2014 09.08.00
26/11/2014 09.09.23	E_FORZA_ATTIVAZ	KP01 - KP 01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.08.00
26/11/2014 09.09.20	Partitions arming block	KP01 - KP 01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.08.00
26/11/2014 09.08.53	Partitions Disarming	KP01 - KP 01	MASTER / Partitions: System	26/11/2014 09.08.00
26/11/2014 09.08.33	Partitions Arming	KP01 - KP 01	MASTER / Partitions: 2 - Volumetrici Pia...	26/11/2014 09.07.00
26/11/2014 09.08.33	E_FORZA_ATTIVAZ	KP01 - KP 01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.07.00
26/11/2014 09.08.33	Partitions arming block	KP01 - KP 01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 09.07.00
26/11/2014 08.47.12	Tamper	ER01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.46.00
26/11/2014 08.47.09	Tamper	ER01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.46.00
26/11/2014 08.46.19	Tamper	ER01	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.45.00
26/11/2014 08.45.22	Tampering alarm [Beginning]	EP01.In5 - 000 - ... - Immediate	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.44.00
26/11/2014 08.44.32	Tampering alarm [Beginning]	EP01.In5 - 000 - ... - Immediate	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.43.00
26/11/2014 08.43.55	Fault alarm [End]	EP01.In6 - 000 - ... - Immediate	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.43.00
26/11/2014 08.42.42	Tamper	UC	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.42.00
26/11/2014 08.42.39	Fault alarm [Beginning]	EP01.In6 - 000 - ... - Immediate	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.42.00
26/11/2014 08.42.20	Tamper	UC	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.41.00
26/11/2014 08.41.49	Fault alarm [Beginning]	EP01.In6 - 000 - ... - Immediate	MASTER / Partitions: 1 - Perimetro Pian...	26/11/2014 08.41.00

Print

Filter

Select All

Delete

It is possible to filter the list by start date/time, end date/time, system and operator, to access to the following mask and configure the related categories.

Recent Alarms Filter

"Select and set the filter to use, confirm the change pressing ""Confirm""."

☐

Start Data/Time Filter:

Start Date:

mercoledì 21 aprile 2010 13.32.39

☐

End Data/Time Filter:

End Date/Time:

mercoledì 21 aprile 2010 13.32.39

☐

System filter

System

50450401

☐

Customer's Filter

Customer

Mario Rossi

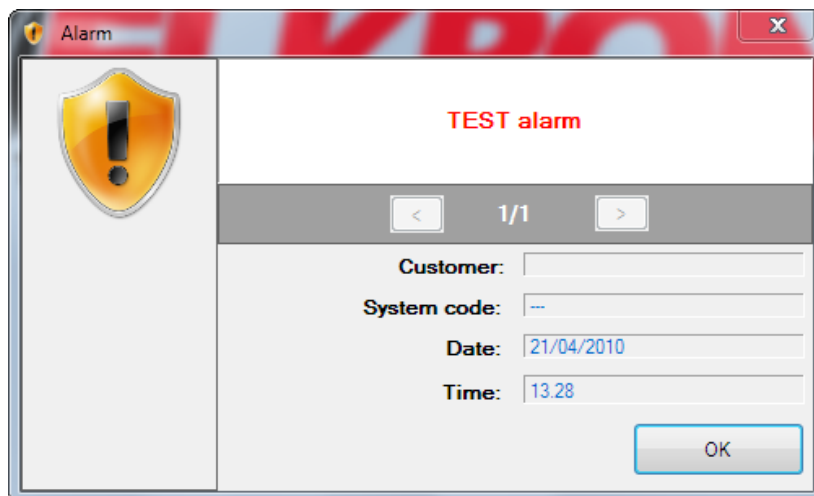
OK

Reset

Cancel

10 - ALARMS RECEPTION

When a central sends an alarm that you have selected to display, a not minimizeable popup, appears in the center of the screen, together with, if properly configured, a repetitive sound.



The pop-up shows the customer, the system code and date and time on which the alarm has been triggered. It remains in the top level until the operator presses **OK** button.

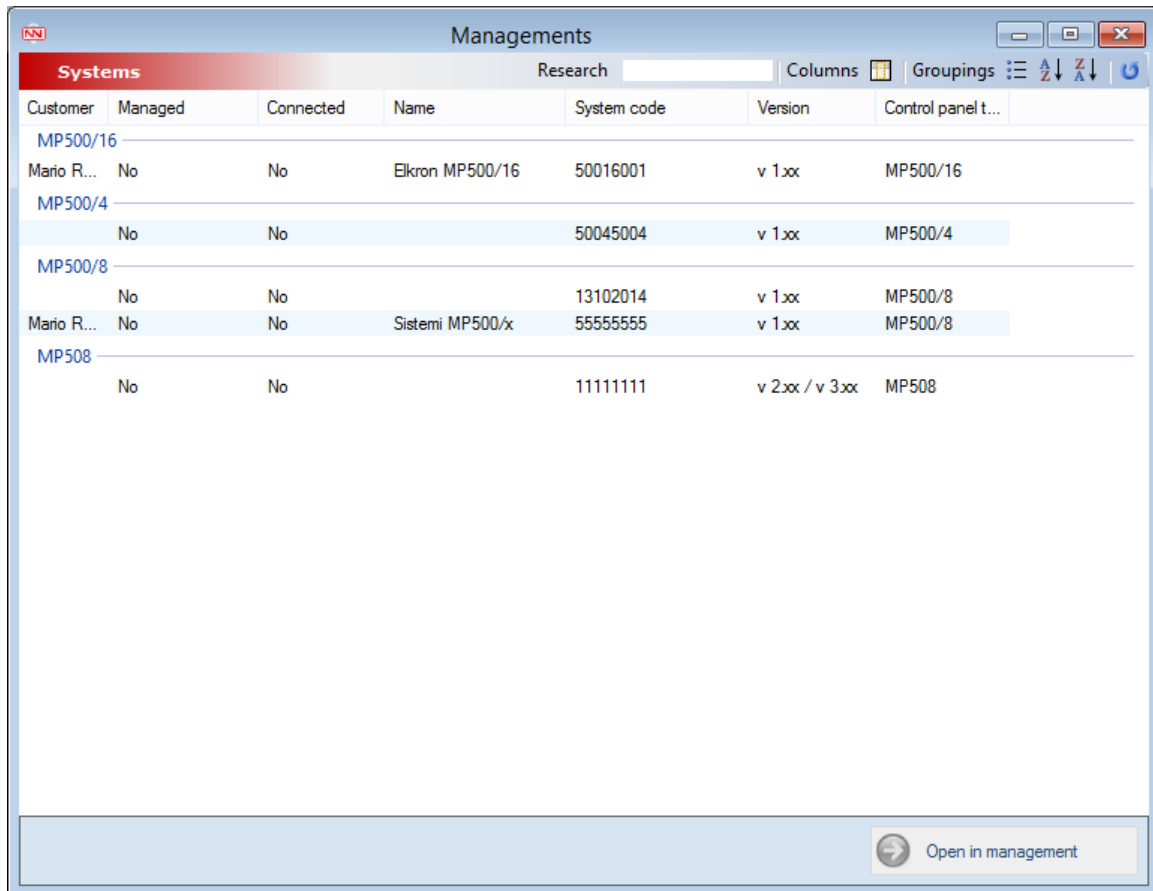
If you receive another alarm while the popup is displayed, the alarm count is updated and the popup shows the data of the last alarm received.

If you receive another alarm while the Recent Alarms window is displayed, the same is updated.

11 - MANAGEMENT MENU

11.1 SYSTEM

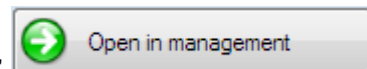
This mask allows you to access to the management and configuration of the systems.



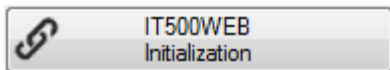
Customer	Managed	Connected	Name	System code	Version	Control panel t...
MP500/16						
Mario R...	No	No	Elkron MP500/16	50016001	v 1.xx	MP500/16
MP500/4						
	No	No		50045004	v 1.xx	MP500/4
MP500/8						
	No	No		13102014	v 1.xx	MP500/8
Mario R...	No	No	Sistemi MP500/x	55555555	v 1.xx	MP500/8
MP508						
	No	No		11111111	v 2.xx / v 3.xx	MP508

To open a management select a system and click on the button “Open in management” or double-click on the system. A new window appears for the management of selected system.

It is possible to manage more than one system at the same time.



11.2 INITIALISE IT500WEB



Pressing the button starts the Web Server Initialisation Wizard (IT500WEB).

This template will allow you to:

- associate a Web Server to a control panel.
- initialise and configure a Web Server.

The screenshot shows the 'Personal details' window with the 'Systems' tab selected. A table lists system details. The 'System add' dialog box is open, prompting for the following information:

- Control panel type:** MP500/8 (Mandatory data). Examples: MP508TG select "MP508", MP508TG/EN (EN Mode) select "MP508EN".
- Version:** v 1.xx (Mandatory data). Examples: MP508TG V 4.00 select "v 4.xx" or see in: Menu\Maintenance\SW. Rel.\Control Panel.
- System code:** (Mandatory data). Example: System Code (default) MP508TG: 55555555 or see in: Menu\Programming\Advanced\System Code.
- Installer code:** (Mandatory data). Example: Installer Code (default) MP508TG: 000000 or insert the code used in Keypad for Installer access.

Buttons at the bottom of the dialog: Cancel, <<Back, Next>>, End.

After entering the data for the control panel you will view the following prompt:

The 'Web Server' window displays a 'Warning!' message with a yellow warning icon. The text reads:

Before proceeding with the initialization check:

- 1.Connection among Web server and PC with the appropriate cable
- 2.On central, enable Technician (Master Menu -> Enable -> Technician = Enable)
- 3.PC Network settings: IP address 192.168.1.10, Subnet Mask 255.255.255.0

Buttons at the bottom: Cancel, <<Back, Next>>, End.

- **How to edit the IP address of the PC**

To edit the IP address of the PC (e.g. in the Windows 7 operating system):

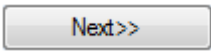
1. Click on Start and open the Control Panel. Select "Network and Sharing Center".
2. Click on the connection to be edited and then select Properties (enter the administrator password and confirm if required).
3. Click on the Network tab. In "The connection uses", select Internet version 4 (TCP/IPv4) and then click on Properties.
4. It is advisable to take note of the current "IP address", "Subnet mask" and "Default Gateway" of your PC, to be able to restore them at the end of the Web Server initialization.

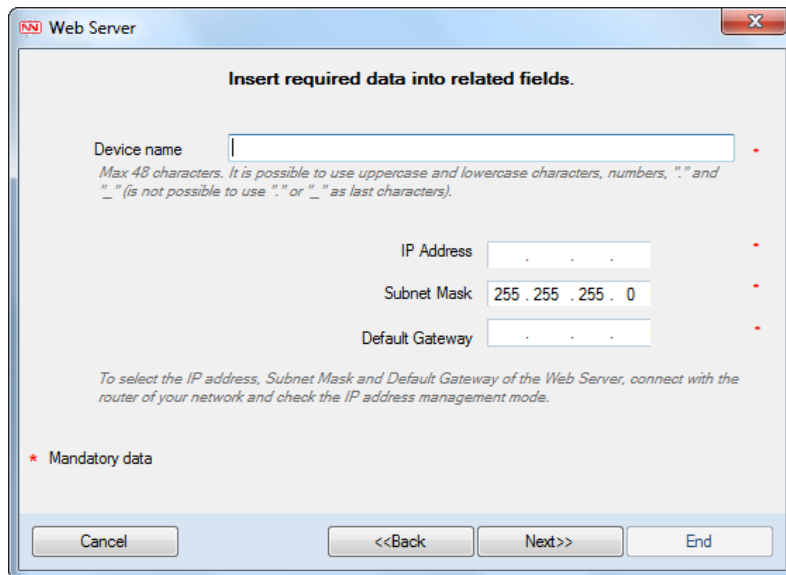
At this point, you can edit the IPv4 settings by clicking on "Use the following IP address" and then entering:

- IP address = 192.168.1.10 (or, in the fourth field, another number expect from 100 which belongs to the Web Server)
- Subnet mask =255.255.255.0
- Default Gateway = empty

Press **OK** at the end.

- **Parameter setting**

Pressing the button  will take you to the next Wizard steps.



Enter the required data:

- **Device Name**

Select an ID of the system in the Device Name field this will be used as sender/object of the notification email sent by the Web Server. Up to 48 characters can be entered. Rules: upper and lower case letters, numbers, full stop and underscore are allowed. The latter two cannot be placed in end position.

- **IP address/Subnet mask/Gateway**

To select the **IP address** of the Web Server, connect with the router of your network and check the IP address management mode:

- if DHCP is **deactivated**, you can choose an available address which is not yet used by any other device on the network.
- if the DHCP is **active**, you can chose an address from those NOT reserved to the assignment.

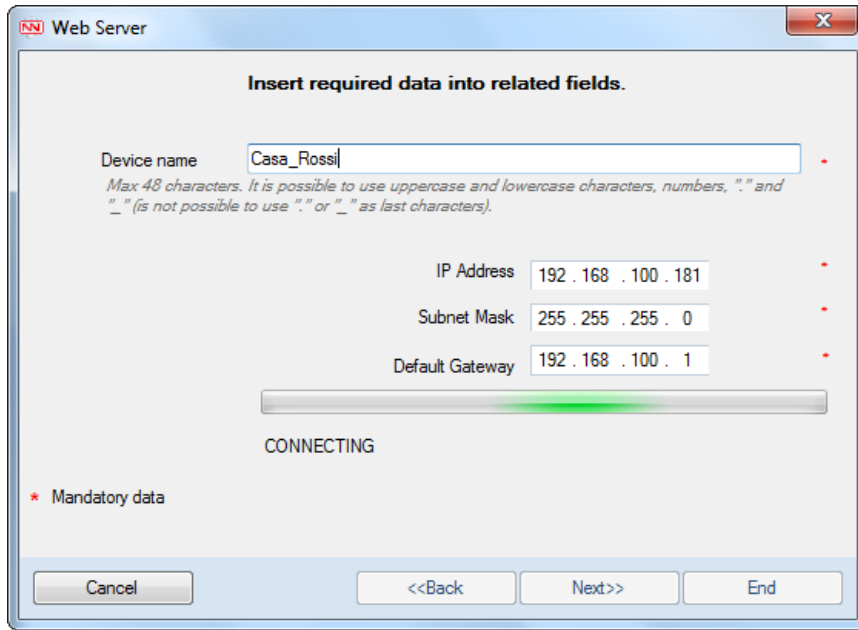
The chosen address must be RESERVED to the Web Server on the router (see router instructions).

The **Subnet mask** and **Default Gateway** can also be retrieved from your router settings.

After defined the IP address of the Web Server and having learnt the Subnet mask and Default Gateway from the router, enter the data in the Web Server initialization form.

- Connecting and downloading parameters to Web Server

After filling in the required information, press the button  The Hi-Connect application will try to connect with the Web server to send the previously set data, then the following screen will appear:



Web Server

Insert required data into related fields.

Device name
Max 48 characters. It is possible to use uppercase and lowercase characters, numbers, "." and "-" (is not possible to use "." or "-" as last characters).

IP Address

Subnet Mask

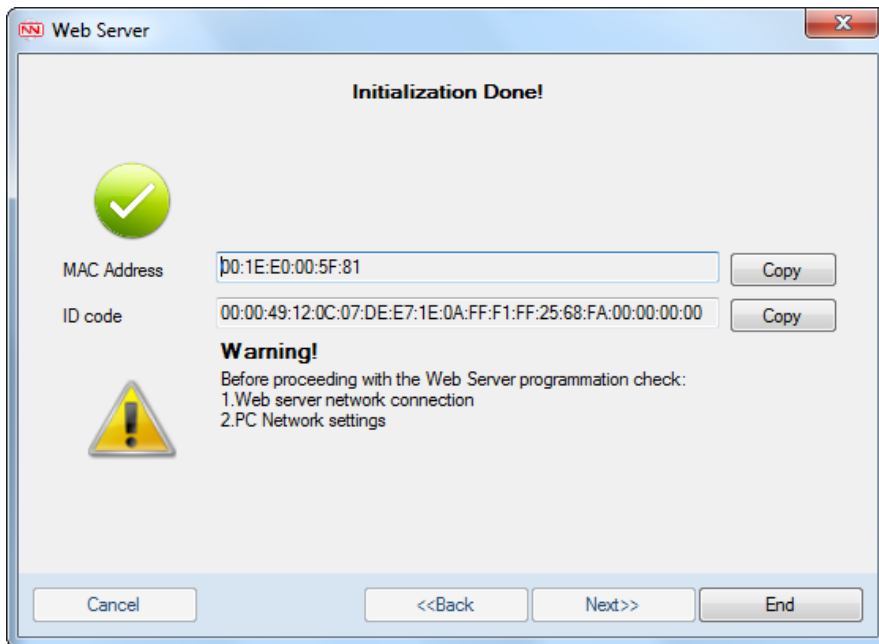
Default Gateway



CONNECTING

* Mandatory data

When the connection and subsequent transfer of data are completed, the following screen will be displayed:



Web Server

Initialization Done!



MAC Address

ID code



Warning!
 Before proceeding with the Web Server programming check:
 1.Web server network connection
 2.PC Network settings

MAC address and **ID Code** are fundamental for registering the Web Server on the www.mylkronhome.com portal. For the sake of ease, they can be automatically saved by using the COPY buttons and then pasted onto a file using any editor.

If this is not done, you can locate Web Server data via the button "Details" in the "Personal details - System" menu.

The message "CONNECTION KO" will appear if the connection to the Web Server fails together with a possible reason:

- operator already logged onto the Web Server
- incorrect IP address or incorrect PC network settings
- installer code or plant code error

 **IMPORTANT!** After initializing the Web Server, remember to set the IP Address, Subnet mask and Gateway of the network on the PC which uses Hi-Connect.

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