

VIDEO DOOR IP MANAGER

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1 INSTALLATION REQUIREMENTS

Use of VIDEO – DOOR IP MANAGER requires a PC with:

- Windows 7 or above
- Ethernet network connection
- Administrator credentials

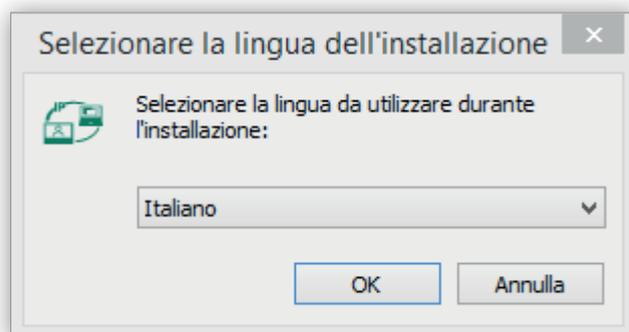
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2 INSTALLATION PROCEDURE

When the setup is run, the screen shows the guided program installation procedure described below:

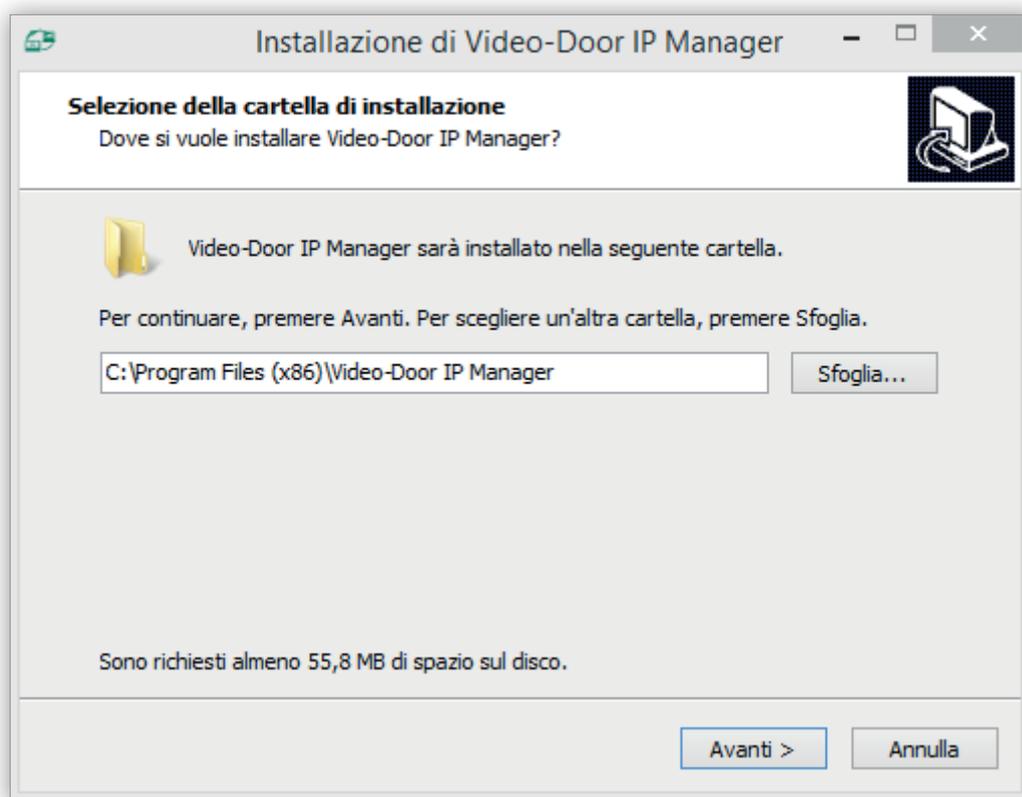
1) Selection of the installation language from a drop-down menu.

Press **OK** to proceed, or **Cancel** to quit the installation procedure.



2) Selection of the installation folder for Video-Door IP Manager.

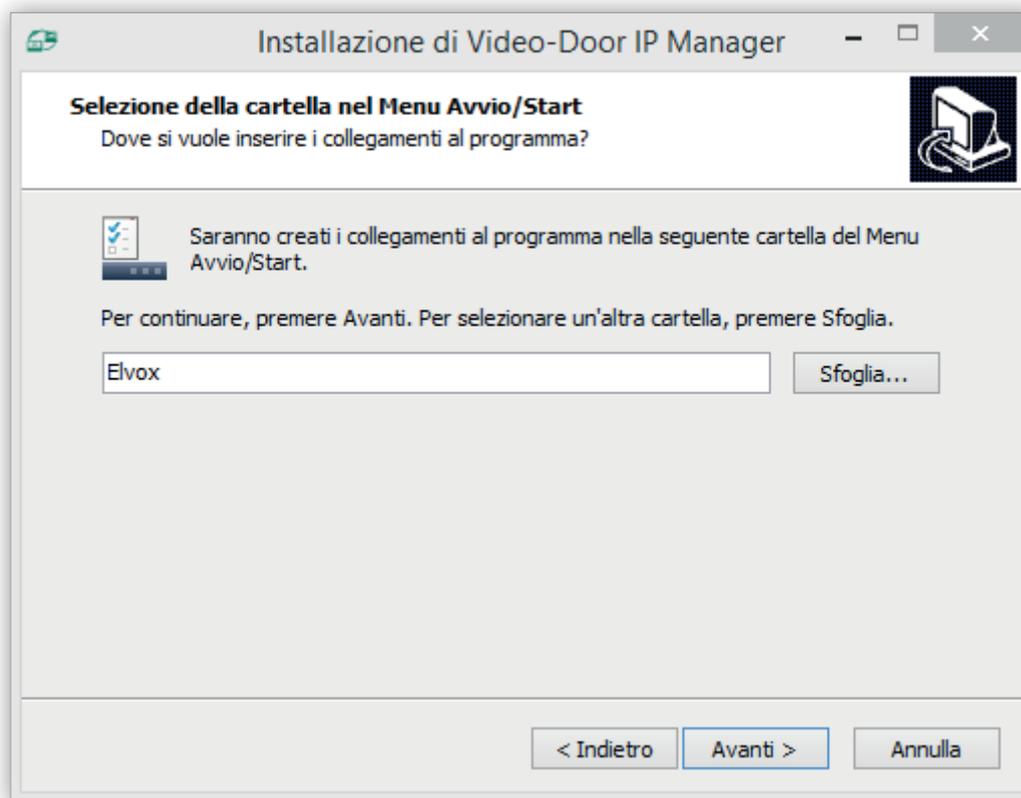
To choose another folder press **Browse**. To proceed, select **Next >**



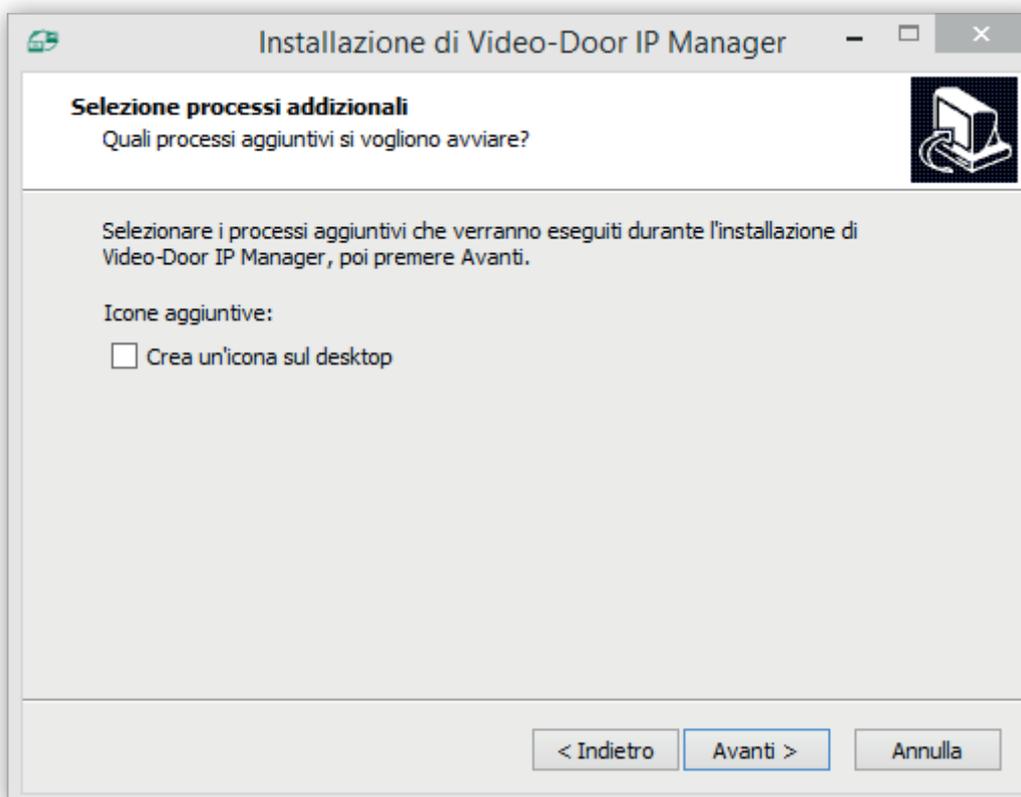
3) Selection of the start menu folder for creation of the links to the program.

To choose another folder, press **Browse**.

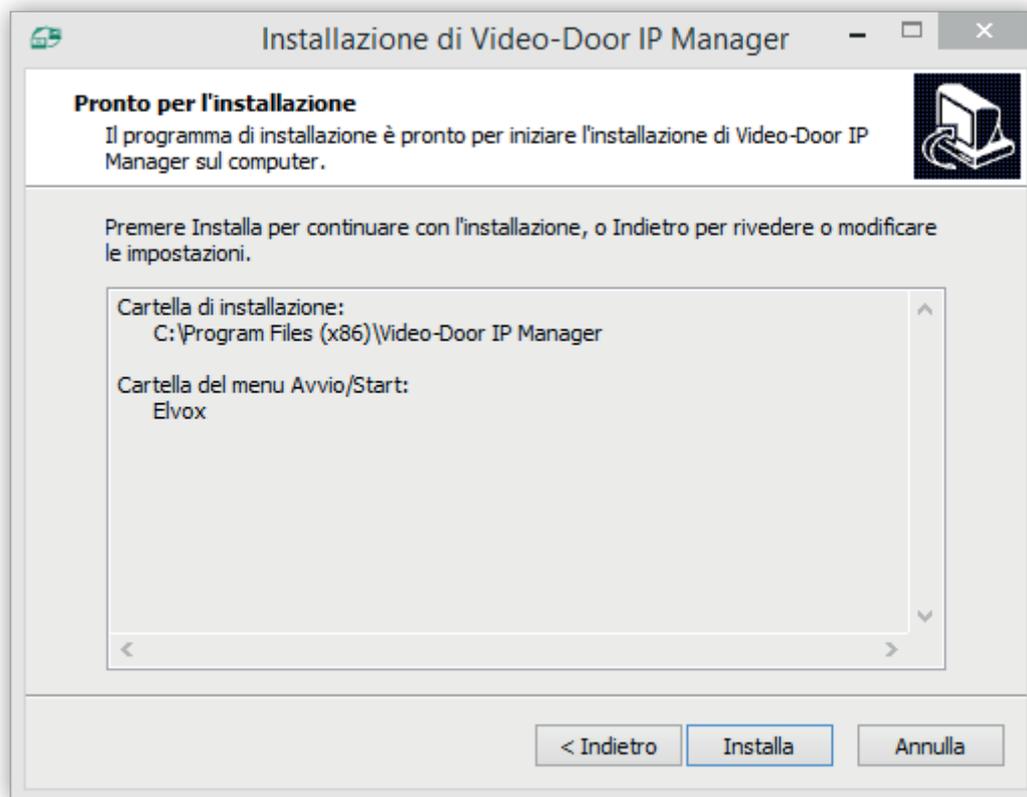
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4) Selection of additional processes.

Tick the box if you wish to create an icon on the desktop.

5) Summary of the settings made and preparation for installation.

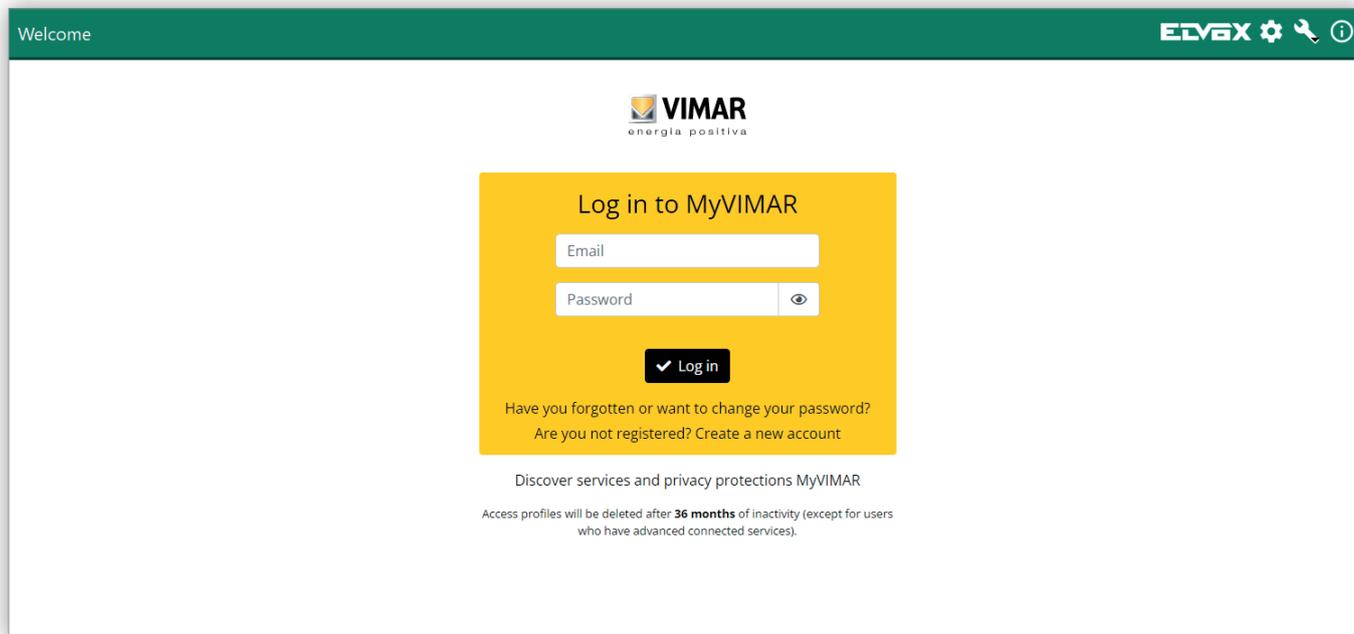
Select **Install** to continue the installation, or **BACK** to edit the settings.

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When the installation is complete, select **End** to quit the guided procedure.

3 INITIAL CONFIGURATION

The MyVimar login page is displayed when the program is started for the first time.

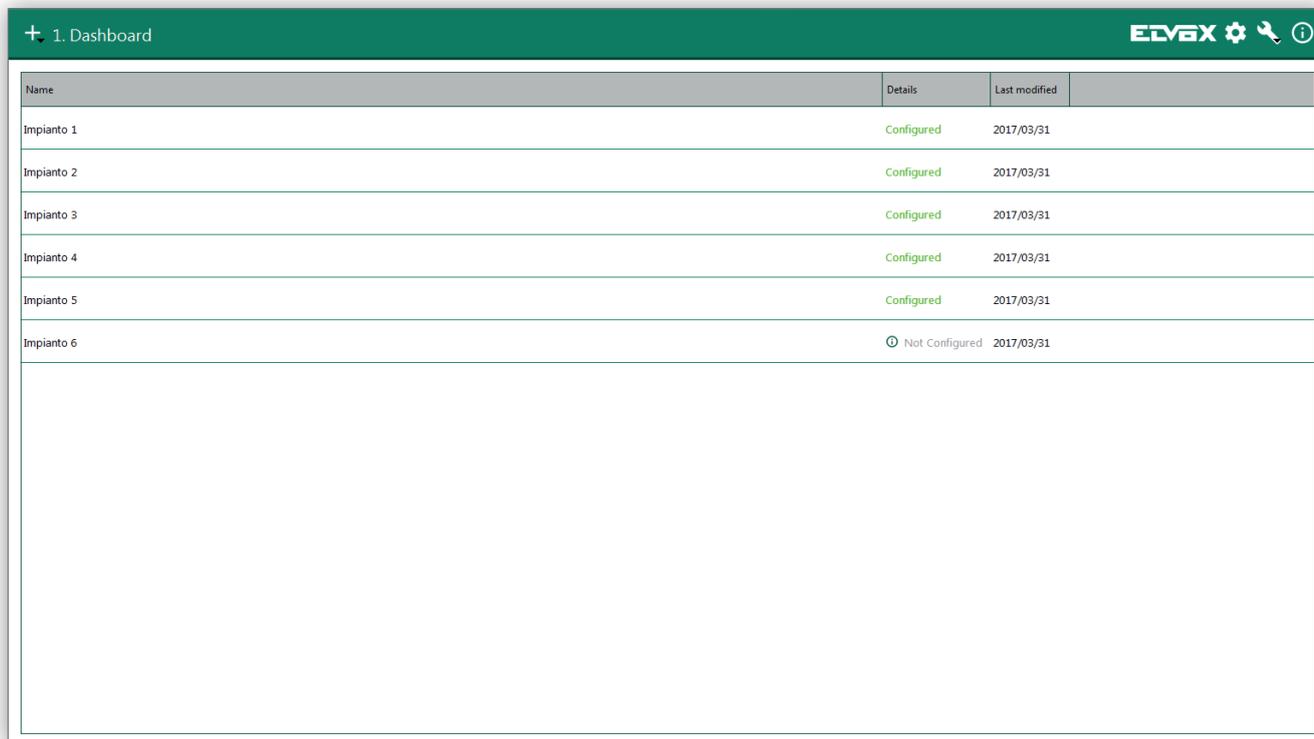


To continue, the user must log in with their MyVIMAR credentials or create an account.

It will be necessary to log in again after logging out and periodically (about every 6 months).

4 DASHBOARD

At start-up, the screen shows a Dashboard with the list of projects, their state, the date when they were last modified and a series of specific commands.



The screenshot shows a web interface for the ELVOX system. At the top, there is a green header bar with the text '+ 1. Dashboard' on the left and the 'ELVOX' logo with settings, search, and help icons on the right. Below the header is a table with the following data:

Name	Details	Last modified	
Impianto 1	Configured	2017/03/31	
Impianto 2	Configured	2017/03/31	
Impianto 3	Configured	2017/03/31	
Impianto 4	Configured	2017/03/31	
Impianto 5	Configured	2017/03/31	
Impianto 6	⊙ Not Configured	2017/03/31	

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4.1 MENU BAR

The top of the screen contains a menu bar with the following commands:

	ADD
	ACCOUNT
	GENERAL SETTINGS
	UPDATE CHECKING TOOLS
	PROGRAM INFORMATION

4.1.1 ADD

Click  to access the following functions:

- **New Project:** access point for creation of a new project
- **Import from System:** creation of a new project by importing the configuration from an existing system
- **Import from File:** import of an existing project from a .zip file
- **New Access Control User List:** creation or import from file of a user database for the Access Control function
- **Device reset** factory reset of all devices

4.1.2 ACCOUNT

Click the "account"  button to perform the following action:

- **Logout:** log out. After doing this, the program will return to the login page (see "First Configuration - ref. 3).

4.1.3 GENERAL SETTINGS

Click  to access the general settings, where the following parameters can be edited or reset:

- **Language:** configuration software language
- **Date Format:** date format editing
- **Time Format:** time format editing
- **Network Interface:** choice of the network interface to be used to connect to the video intercom system

4.1.4 UPDATE CHECKING TOOLS

Click  to check availability of the following updates and download them to the PC:

- **Check for updates to the firmware (FW)** of the devices
- **Check for updates to the software (SW)** of the Video-Door IP Manager application

Once downloaded, the firmware updates can be used in the specific section (Device Updates) or during creation of a system (the configuration software

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automatically prompts updating of the devices identified during Discovery - ref. 5.2)

It is best to check for updates before starting to configure a new system.

4.1.5 PROGRAM INFORMATION

Click  to display information about the version of the program installed.

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4.2 MAIN AREA

The main screen contains the list of systems created or imported so far. Status information is provided for each system, and a series of operations are available. The presentation's structure is explained in the table below:

Name	State	Last Modified	Edit	Delete	Synchronise	Info	Actions	Export
System 1	Not configured	24/03/2016						
System 2	Maintenance	12/02/2017						
System 3	Configured	18/03/2017						
...

The **Name**, **State** and **Last Modified** labels can be used to sort the systems in alphabetical order, by operating status and by the date of the last modification, respectively.

4.2.1 SYSTEM NAME AND STATE

The system's **State** is displayed or highlighted in various colours, each of which has a specific meaning:

- Green: system configured
- Orange: system configured but not operational (Maintenance)
- Grey: system not configured and therefore not operational

4.2.2 DETAILS

For some specific situations, an icon appears next to the text which describes the **State**, indicating that detailed information is available and will be displayed when the mouse is passed over (wait 1 second after positioning the mouse on the icon concerned).

The possible situations are as follow:

General state	Symbol	Notes
Configured	-	System configured correctly
		FW updates available
		Configuration session closed with devices not configured
Maintenance		FW updates available
		Devices not configured
Not Configured		Number of configuration steps completed

4.2.3 MODIFYING A SYSTEM

The edit function, used, to make changes to the system, can be accessed by pressing and selecting the relative mode:

- **Editing online:** for this mode, connection to the system network is essential; after automatic synchronisation with the system to align the local data with that present on the devices, the new configuration can be modified and deployed.

During this process, the system is set in Maintenance mode.

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- **Editing offline:** does not involve any synchronisation with the system. This mode, accessible if the system is in 'Maintenance' or 'Non configured' mode, allows editing only of the local configuration on the PC. Some parameters may not be available during this type of editing.
- **Read only:** mode in which the user can view all the settings made but not save them.

4.2.4 REMOVING A SYSTEM

The  button allows local deletion of the project for the selected system.

4.2.5 SYNCHRONISATION

Synchronisation  is used to check the system's current status and synchronise the local copy with it (the latest changes are maintained).

This operation can be performed to specific command but is also carried out automatically whenever it is useful and important to align the data in the system with that in the program itself. For example, before making changes to the **Editing Online** configuration, the system must ensure that it has a local copy of the configuration, in line with the settings currently held in the video intercom system at that moment.

In the event that problems arise during synchronisation, the program automatically transfers the user to the 'synchronisation wizard' described in the next section.

4.2.5.1 SYNCHRONISATION WIZARD

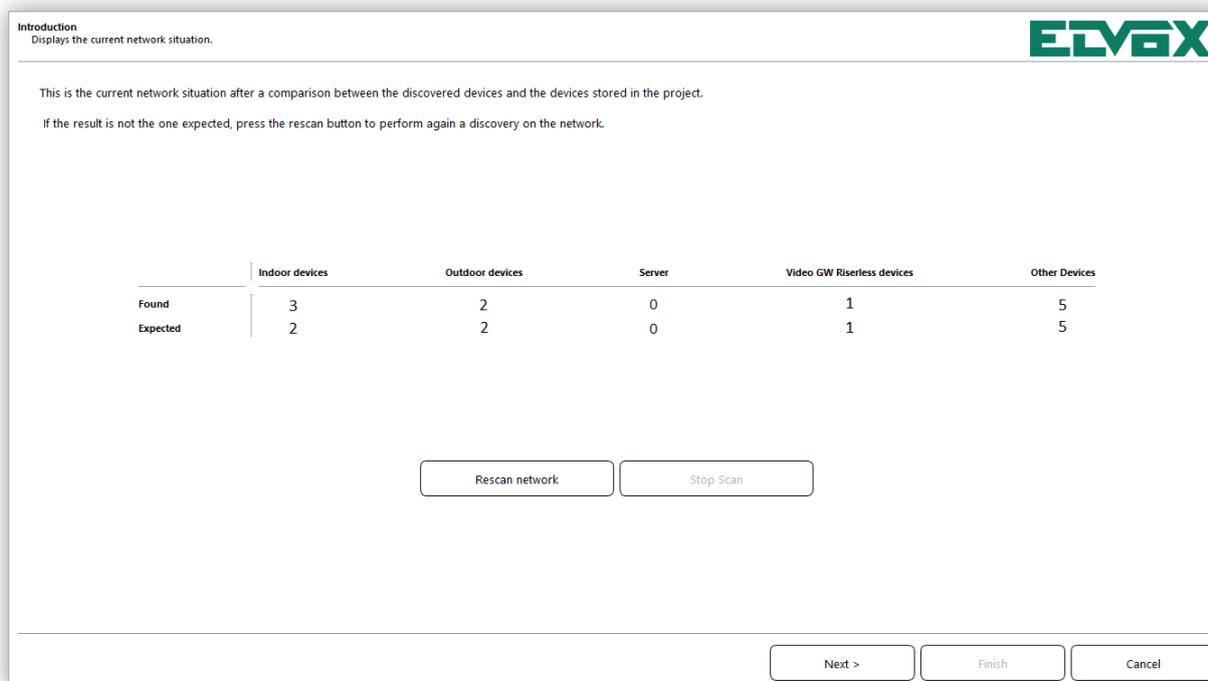
The synchronisation wizard is a guided procedure automatically activated if the program detects a discrepancy between the system settings saved in the program and the real situation found during synchronisation with the video intercom system. The procedure consists of the following steps:

- 1) Comparison between the number and type of devices in the project and those really discovered by the network.

To start another scan, select **Rescan Network**.

Click **Next** to proceed to the next step.

Press **Cancel** to quit the synchronisation wizard without making any changes.



Introduction
Displays the current network situation.

This is the current network situation after a comparison between the discovered devices and the devices stored in the project.
If the result is not the one expected, press the rescan button to perform again a discovery on the network.

	Indoor devices	Outdoor devices	Server	Video GW Riserless devices	Other Devices
Found	3	2	0	1	5
Expected	2	2	0	1	5

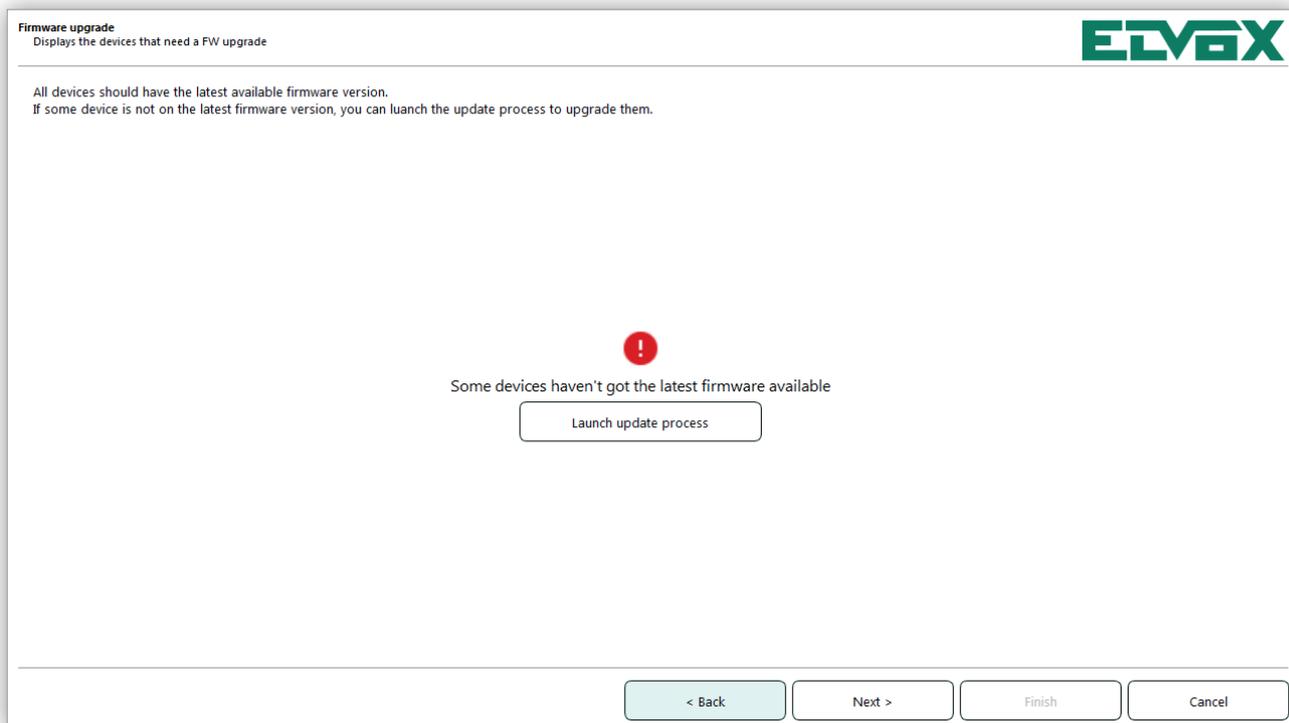
Rescan network Stop Scan

Next > Finish Cancel

- 2) Firmware upgrade.

The wizard checks to inform the user if upgrades to the device firmware are available.

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To proceed with the upgrade, press **Launch update process** to start the update procedure described in point 5.2.1 FIRMWARE UPDATE

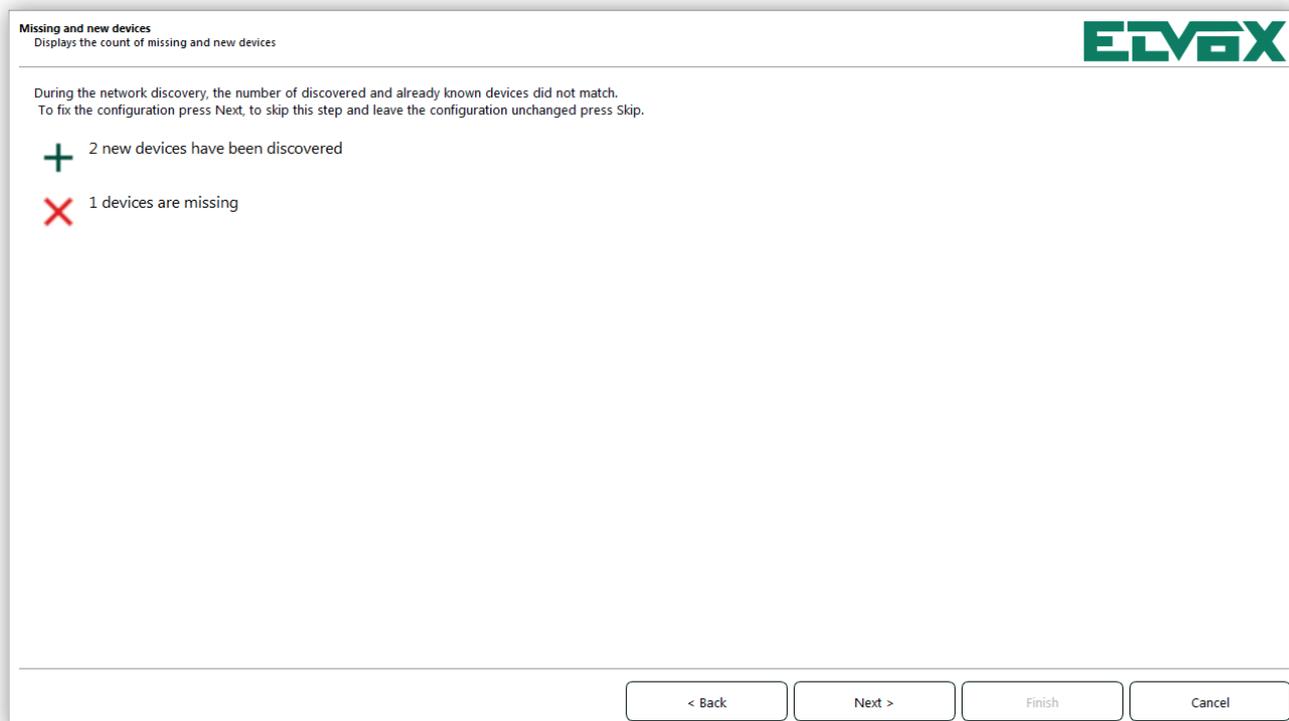
Click **Next** to proceed to the next step.

Click **Back** to return to the previous step.

Press **Cancel** to quit the synchronisation wizard without making any changes.

3) Check on the number of missing and/or new devices discovered.

This step displays the situation regarding the new and/or missing devices discovered during synchronisation.



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Click **Next** to proceed to the next step.

Click **Back** to return to the previous step.

Press **Cancel** to quit the synchronisation wizard without making any changes.

4) Removal or replacement of devices.

The table on the left shows the missing devices and the one on the left the new devices discovered during synchronisation.

Missing and new devices actions
Choose the action to perform for each missing or added device



On the left side are listed the devices that have not been found in the last network discovery. These devices can be marked to be removed or substituted with other devices.
On the right side are listed the devices found in the last discovery that were not previously saved in this project.

Missing devices

Type	Device	Action
41017 - Transponder reader	fc:bc:9c:00:10:6b	

New devices

Type	Mac Address	Add
41017 - Transponder reader	fc:bc:9c:00:14:57	<input type="checkbox"/>
40607 - TAB 7S	aa:bb:cc:dd:ee:ff	<input type="checkbox"/>

< Back
Finish
Cancel

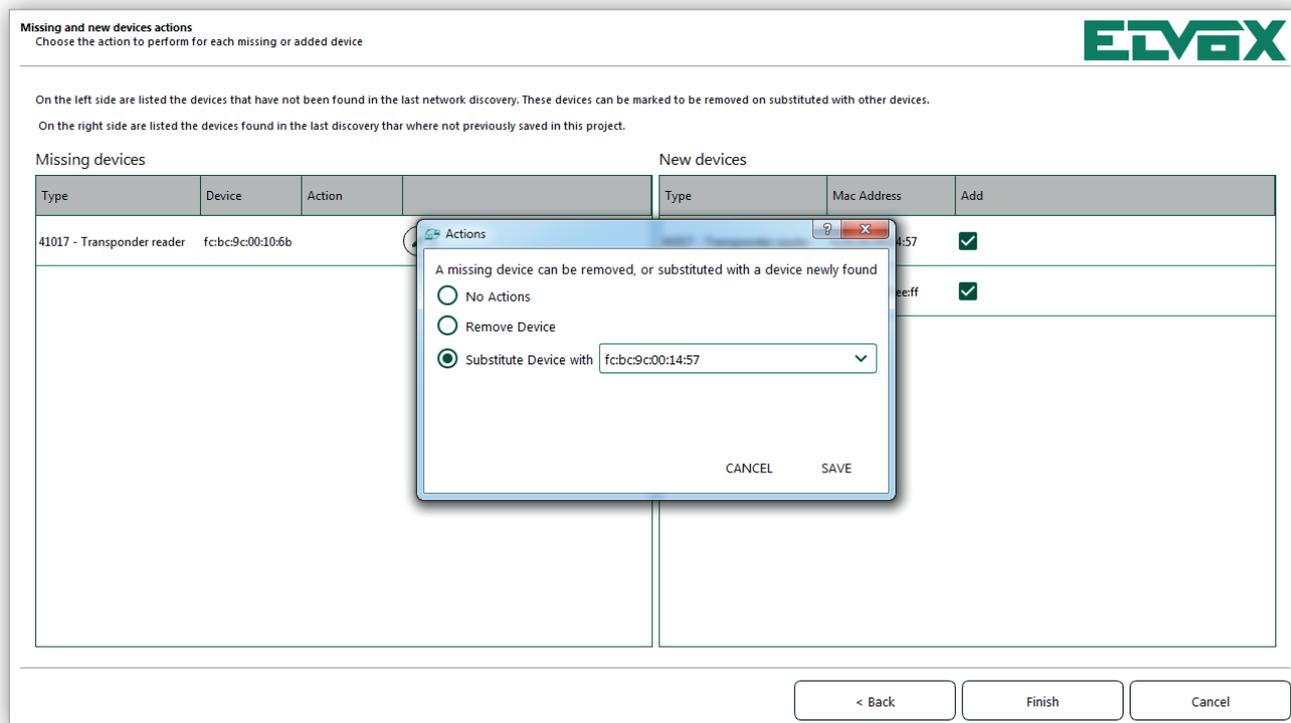
To add the new devices to the project, tick the **'Add'** checkbox in the right-hand table

For each device not discovered (shown in the left-hand table), click  and select the action required (see below) from:

- **No Actions:** no action taken
- **Remove Device:** device removed from project
- **Substitute Device with:** device replaced with one of the new ones added previously, selected from the drop-down menu.

Select **Finish** to end the synchronisation wizard.

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4.2.6 INFO

Select the  icon for information useful for diagnostic purposes, including:

- **System log:** video intercom system log
- **System history:** history of video intercom system calls on the relative system
- **Log/History from device:** log and events of the individual device

4.2.7 ACTIONS

Select  to access the procedures for performing the following actions:

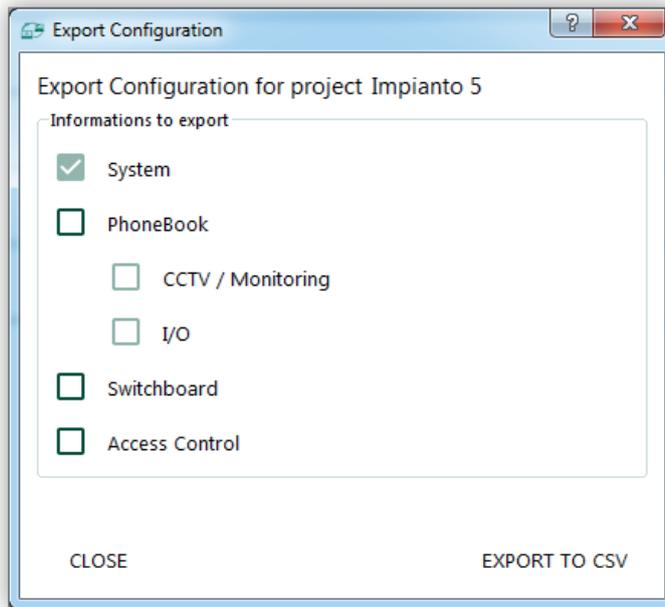
- **Send date and time:** send the date and time to the system
- **Update devices:** check the availability of firmware updates for the system devices and start the relative guided procedure
- **Factory restore:** reset the devices to the factory settings
- **Reboot:** restart the devices
- **Default Settings Restore:** reset the system device settings to the default values

4.2.8 EXPORT

Select  for access to two operations:

- **Export project:** project export in .zip format
- **Export configuration:** export of the system configuration in a .csv file. After selecting this option, the user can choose the information to be exported:

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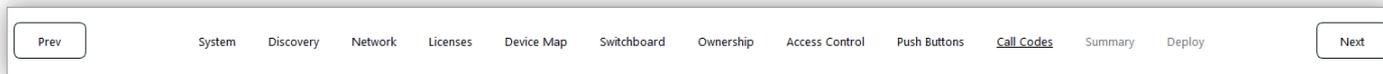


Click **Export to CSV** to confirm the selection.

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5 CONFIGURING A SYSTEM

Each system can be configured and customised individually using the editing procedures as described in point . Configuration comprises a succession of sections, which appear in the bottom of the screen, as shown below:



To move on to the next edit section, click **Next**. This command can only be selected if the parameters on the current screen have been set appropriately. To return to the previous screen, select **Prev** or click directly on the section configured previously (shown in black). Sections not yet configured and not directly accessible appear in grey.

In each edit section, the top of the screen always contains a menu bar with the following commands:

	Saving of the changes made
	Return to the dashboard with the list of systems

One or more of the following buttons are also available in every edit section:

	Add device/location/object
	Edit device/location/object
	Delete device/location/object
	Expand view
	Shrink view
	Deactivate display filter (show the full list of devices)

The sections which follow specifically describe the contents of each section.

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5.1 SYSTEM

This system configuration screen is used to set the general parameters of the individual system, as follows:

- **Plant Name:** name of the system
- **Language:** language set
- **Timezone:** timezone of installation
- **Maximum TVCC Time:** maximum viewing time of a TVCC during the monitoring session, in seconds
- **Maximum auto-start time:** maximum duration of the auto-start on an entrance panel, in seconds
- **Maximum file size:** maximum message attachment size in bytes
- **Country (optional):** country
- **Region/State (optional):** region/state
- **City (optional):** city
- **Address (optional):** address
- **Zip code (optional):** post code

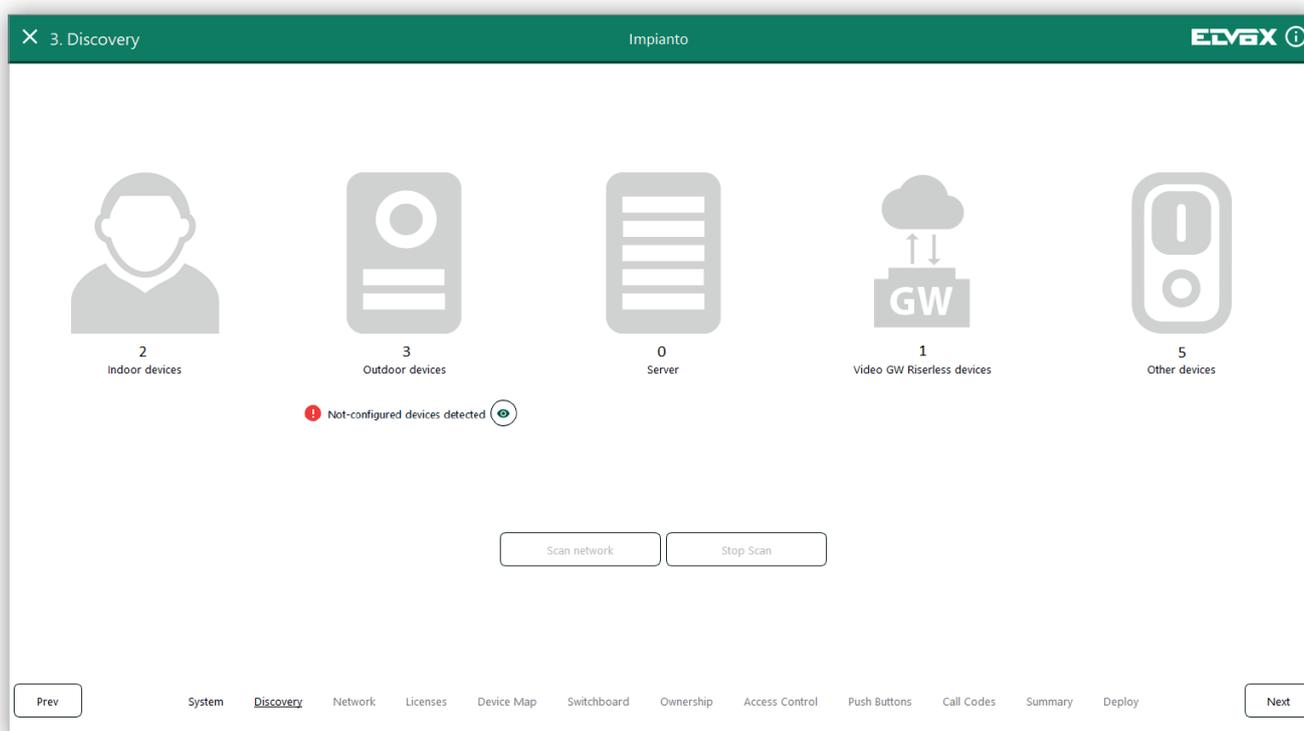
To return to the original setting configuration, click **Restore Default**.

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5.2 DISCOVERY

This page is used to scan for the devices in the network, which may belong to the following categories:

- **Indoor devices**
- **Outdoor devices:** entrance panels
- **Servers:** system servers
- **Video GW Riserless devices**
- **Other devices:** standalone devices (transponder readers, access control keypads, etc.).



Select **Scan Network** to scan for all the video intercom system devices present in each category.

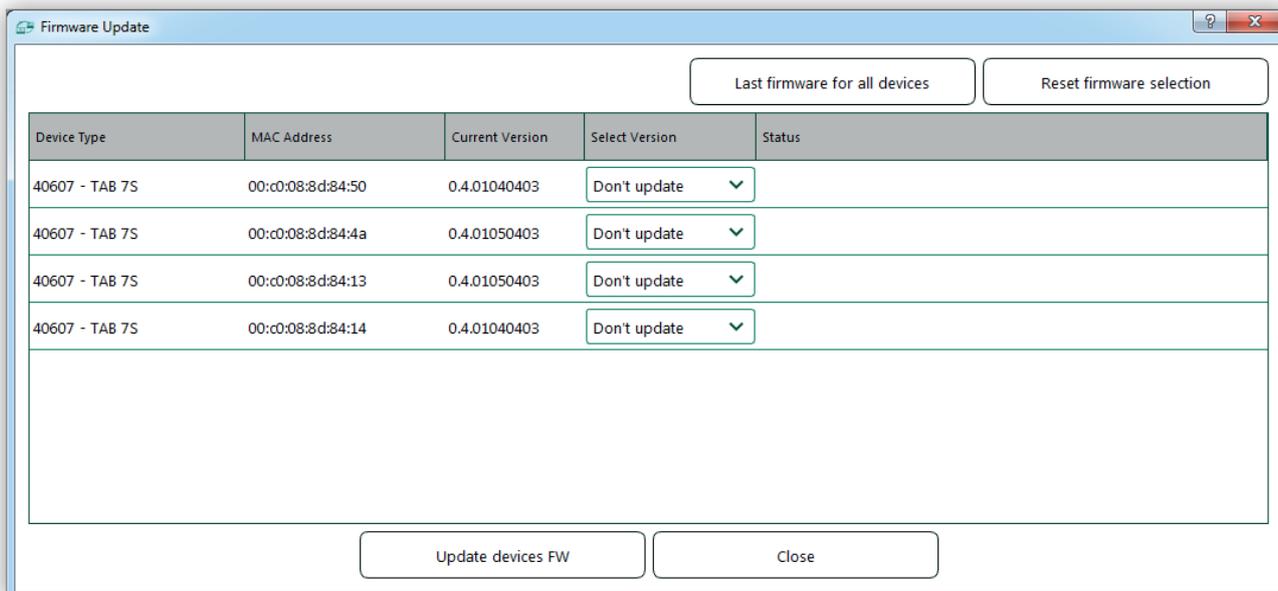
If the configuration software detects an anomaly during the scan, this is displayed as shown in the screenshot; press  to open a window with a list of the MAC addresses of the devices not correctly configured/installed. In the specific case of entrance panels, the alert, with lockout effect, shown in the screenshot indicates that the ordering procedure for the push button modules has not yet been performed (this procedure must be performed from the entrance panel before configuration using Video Door IP Manager can take place: refer to the entrance panel instruction document for details).

To interrupt the scan, select **Stop Scan** and then move on to the next step by pressing **Next**.

5.2.1 FIRMWARE UPDATE

During the device scan, the version of the firmware installed on the devices is also checked, and if an update of the configuration software is available, the user is informed that the update procedure can be carried out:

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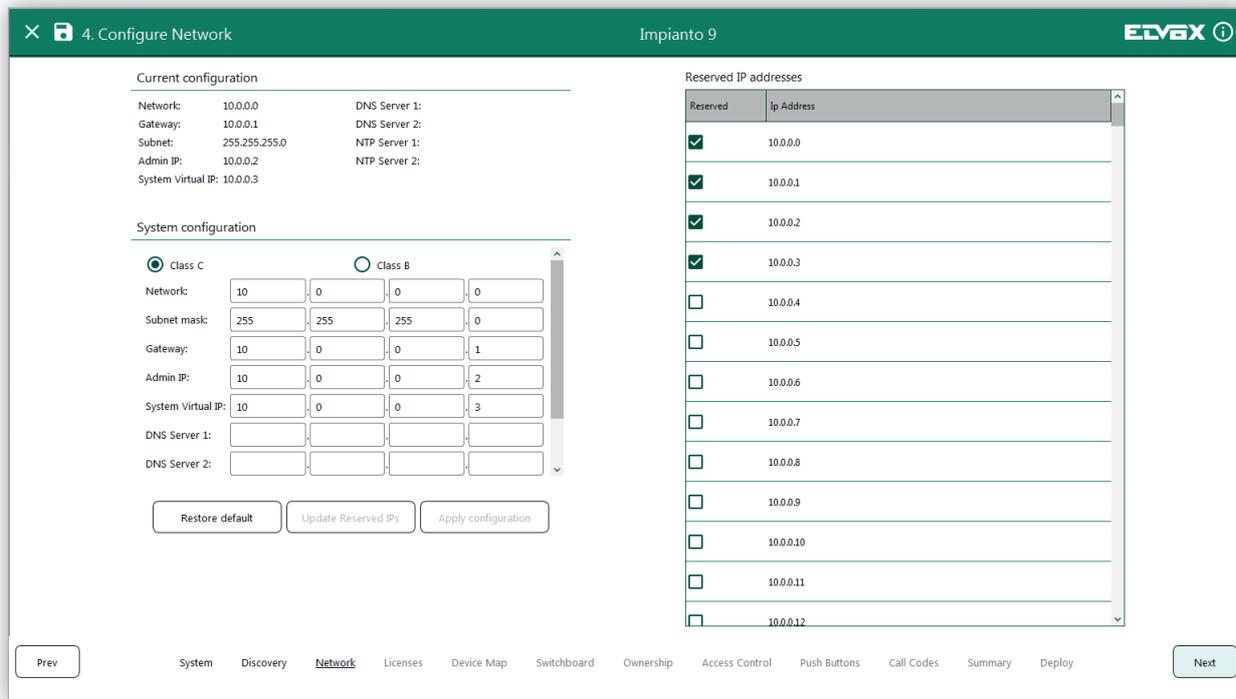


The user can decide whether or not to update the FW on each device, and can also select the firmware update from the options available. To enable the changes made, select **Update devices FW**; otherwise click **Close**.

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5.3 NETWORK

The Network section allows the user to manage and customise the range of IP addresses available to the system.



The following can be configured:

- **Class C/B:** addressing class
- **Network:** video intercom system network
- **Subnet mask:** network mask
- **Gateway:** default gateway used by the system to access third-party services
- **Admin IP:** IP address reserved for the installer's PC, on which the VDIPM configuration software is running.
- **System Virtual IP:** virtual IP address used by the Master device
- **DNS Server 1|2:** primary and secondary DNS (for resolving third-party services, e.g. address of the NTP server) [optional]
- **NTP Server 1|2:** primary and secondary NTP server for use for synchronising the system's time [optional]

After making changes, click **Update Reserved IPs** to update the reserved IP address screen and then **Apply configuration** to activate the changes. A summary of the chosen configuration appears in the top left-hand corner in the **Current configuration** box. To restore the network configuration to the default addresses, simply select **Restore default**.

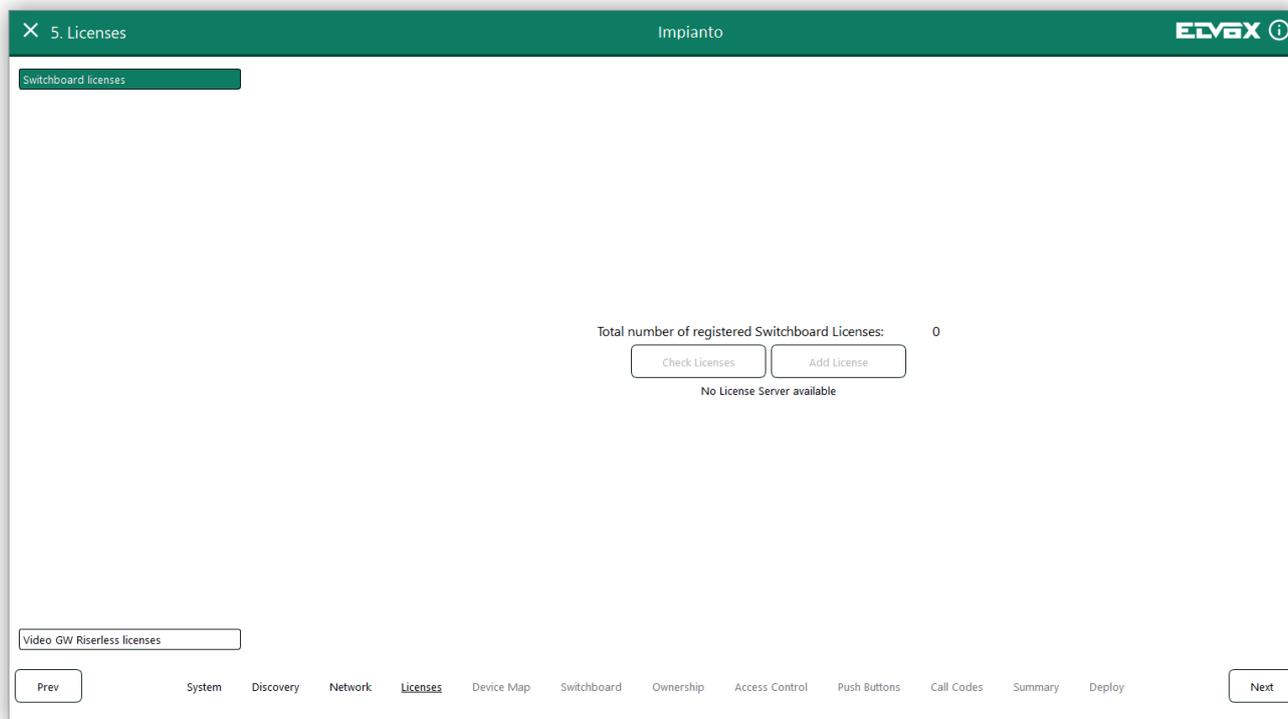
The **Reserved IP addresses** panel, on the right of the screen, is used to select the IP addresses, belonging to the same system subnet, reserved for users outside the video intercom system. This list also automatically marks the **Network, Gateway, Admin IP and System Virtual IP addresses, and the network broadcast address, as Reserved**.

NOTE: the **Network, Gateway, Admin IP and System Virtual IP addresses, and the network broadcast address**, cannot be deleted from the list of reserved IP addresses.

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5.4 LICENCES

When this section is accessed, the configuration software will automatically check the number of licences available on the 40638 module (if included in the system).



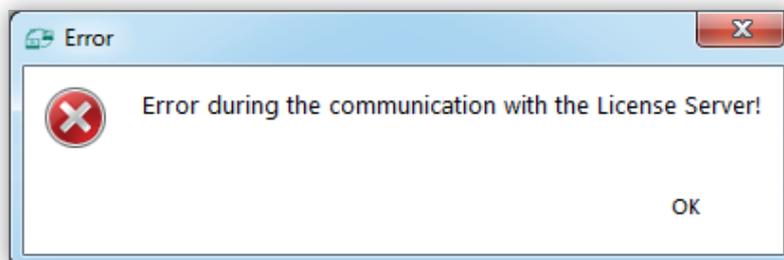
In general, the user can:

- **Check Licenses:** Check for any licences already activated in the system.
- **Add License:** Activate a new licence in the system.

Adding a licence is essential to allow creation of the switchboards which will operate within the video intercom system. Simply enter and then validate the activation code (article 40691).

NOTE: For correct operation, an Internet connection is required on a network interface different from the one used to access the video intercom system (see point 4.1.2)

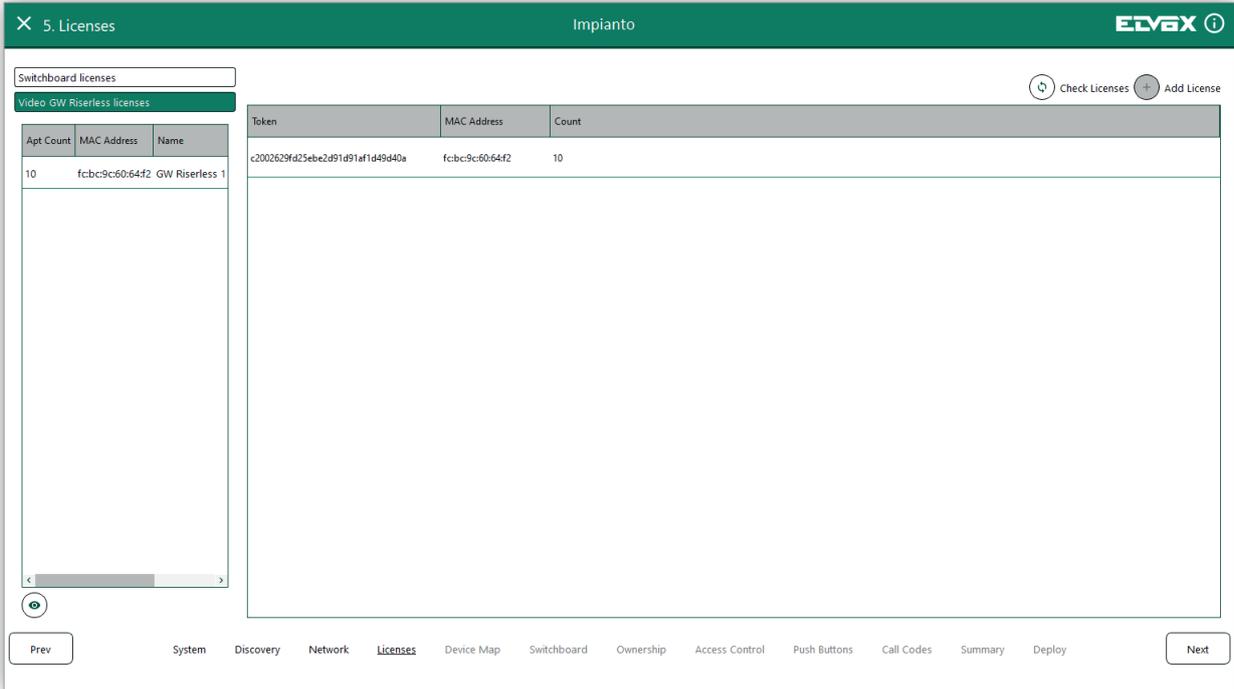
The configuration software displays the alert shown below when it is not possible to connect to the 'licence server' device (art. 40638)



5.4.1 Video GW Riserless Licences

This section is used to manage the licences of each Video GW Riserless device in the system.

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The screenshot shows the '5. Licenses' page in the ELVOX Video Door IP Manager. The page title is 'Impianto'. The interface includes a search bar for 'Switchboard licenses' and a 'Check Licenses' button. Below the search bar, there is a table for 'Video GW Riserless licenses' with columns for 'Apt Count', 'MAC Address', and 'Name'. The table contains one entry: '10' for Apt Count, 'fcb9c60:64f2' for MAC Address, and 'GW Riserless 1' for Name. To the right of this table is a larger table with columns for 'Token', 'MAC Address', and 'Count'. This table contains one entry: 'c2002629fd25ebe2d91d91af1d49d40e' for Token, 'fcb9c60:64f2' for MAC Address, and '10' for Count. At the bottom of the page, there is a navigation bar with buttons for 'Prev', 'System', 'Discovery', 'Network', 'Licenses', 'Device Map', 'Switchboard', 'Ownership', 'Access Control', 'Push Buttons', 'Call Codes', 'Summary', 'Deploy', and 'Next'.

In general, the user can:

- Check Licenses: check the licences already activated on the Video GW Riserless devices in the system.
- Add License: Activate one or more licences (art. 40692.X) for each Video GW Riserless device

The summary table contains the following:

- Token: code of the activated licence
- MAC Address: MAC address of the Video GW Riserless device on which the licence was activated
- Count: number of virtual flats that the licence can activate

Adding the licence is an essential step in order to activate one or more virtual flats in the system. The procedure only requires entry of the activation code (art. 40692.X), followed by validation.

NOTE: For correct operation, the user must have an Internet connection on a network interface other than that used to connect to the video door entry system.

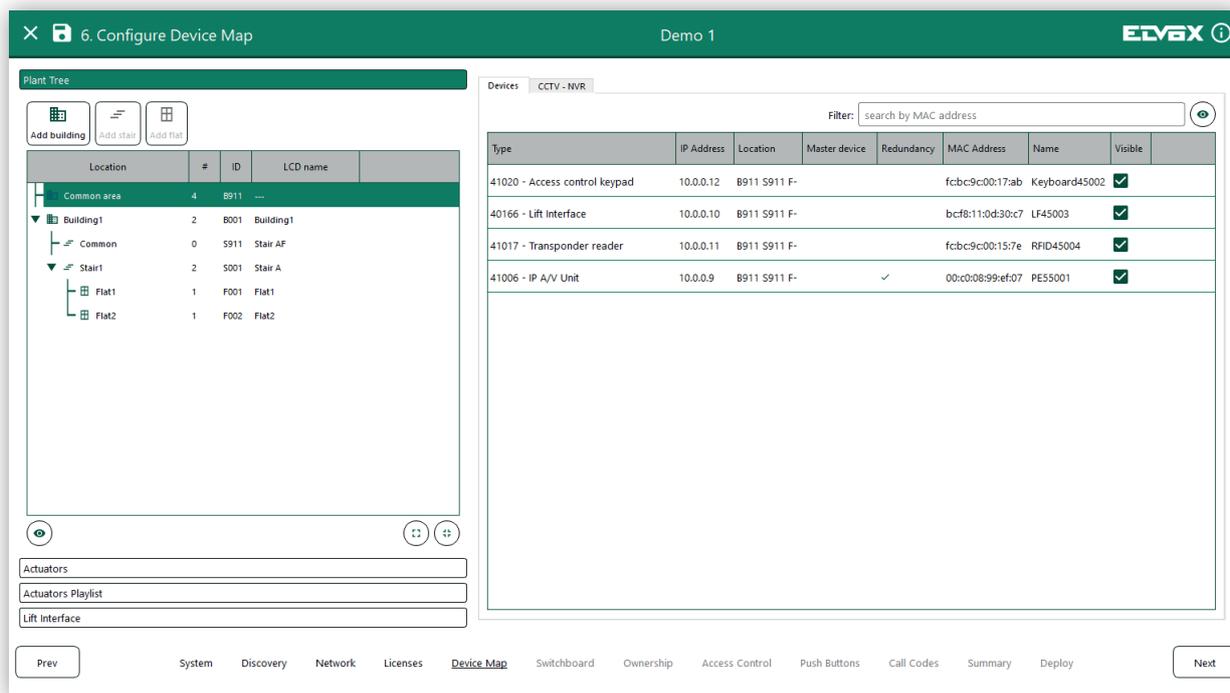
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5.5 DEVICE MAP

The Device Map screen shows the devices found during the scan, arranged in a tree structure (Building, Stair, Apartment), the actuators present in the system and the CCTV cameras.

5.5.1 LOCATIONS

The device configuration screen is as follows:



The hierarchical structure of the locations in which the various devices will be installed appears on the left of the screen, in the **Locations** panel. The locations subdivide into:

- Common Area
- Building
- Stair
- Apartment

Each location is identified by:

- **Location:** editable name of the Building/Stair/Apartment
- **Device count:** The number of devices it contains
- **ID:** location identifier (a letter B/S/F (Building/Stair/Flat) and three figures)
- **LCD name:** Names of buildings, stairs and apartments as displayed in the LCD

Depending on the type of location selected (Building / Stair), the function keys at the top of the screen can be used to select another location inside the initial one. For example:

- if a building is selected, one or more stairs can be added/removed
- if a stair is selected, a apartment, but not a building, can be added/removed

NOTE: If an existing location is selected, the devices it contains will be shown in the right of the screen.

5.5.2 DEVICES SECTION

The screen on the right displays the devices available and their current status, as follows:

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Type	Product name and code
Ip Address	Ip address to be assigned
Location	Type of location: building (B), stair (S) and apartment (F - Flat)
Main device	Indicates whether the device is the master device (only applies to indoor devices)
Redundancy	Indicates whether or not the device belongs to the redundancy mechanism (only applies to Outdoor Devices)
Mac Address	MAC address of the device
Name	Name of the device
Visible	Device enabled/disabled status. If the device is not enabled, it will be considered to be in operation but cannot be displayed in the Lists of indoor and outdoor devices

A specific device can be found by searching for the mac address in the bar in the top right-hand corner. The  icon returns to display of the whole list of the devices present.

Devices marked in red must be assigned to a location suitable for their use. For example, in the screenshot “40607 – TAB 7S” has not yet been assigned to an apartment. To attribute the location, click the device line and drag it towards the intended location in the menu on the left, or access the device setting edit function.

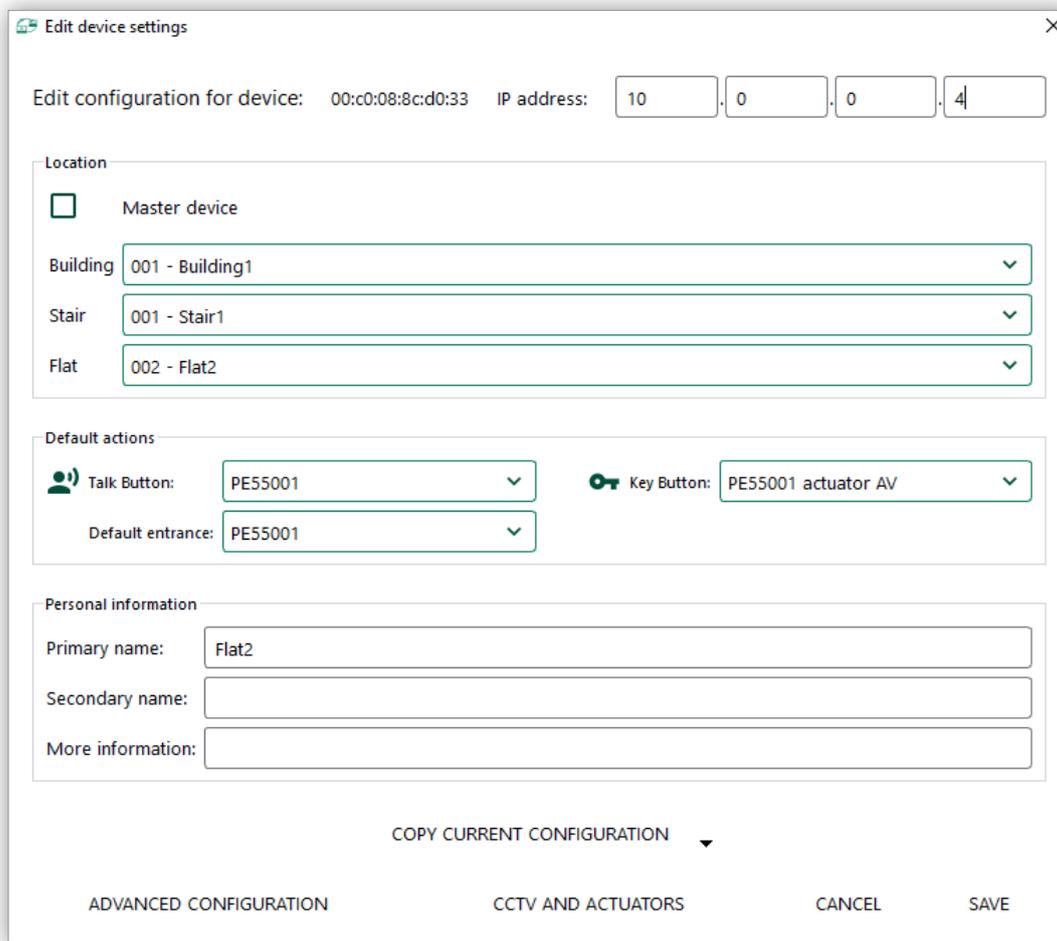
Select the  icon, which appears when the mouse is scrolled over this list, to access the window for configuring the settings of the individual device. The editing options vary depending on the type of device selected.

NOTE: ALL devices must be suitably assigned to at least one location; otherwise it is not possible to move on to the next section. If this condition is not met, the exclamation mark symbol appears next to the name **Locations**. In addition to this condition, apartments which do not contain at least one device are not permitted.

VIDEO DOOR IP MANAGER

5.5.2.1 EDITING THE CONFIGURATION OF AN ENTRANCE PANEL

The window used to edit the configuration of an entrance panel is shown below:



In this window, the user can:

- Modify the IP address
- Modify the position of the device within the system (**Building/Stair**)
- Add/Remove the device from the **Master** service redundancy group

N.B.: at least 1 device (entrance panel) in the system must belong to the Redundancy group. If the system includes a Server, the only device in the redundancy group is the Server itself.

- Assign the switchboard (if any) to which the entrance panel belongs
- Add or update the device's personal information in the **Personal Information** box

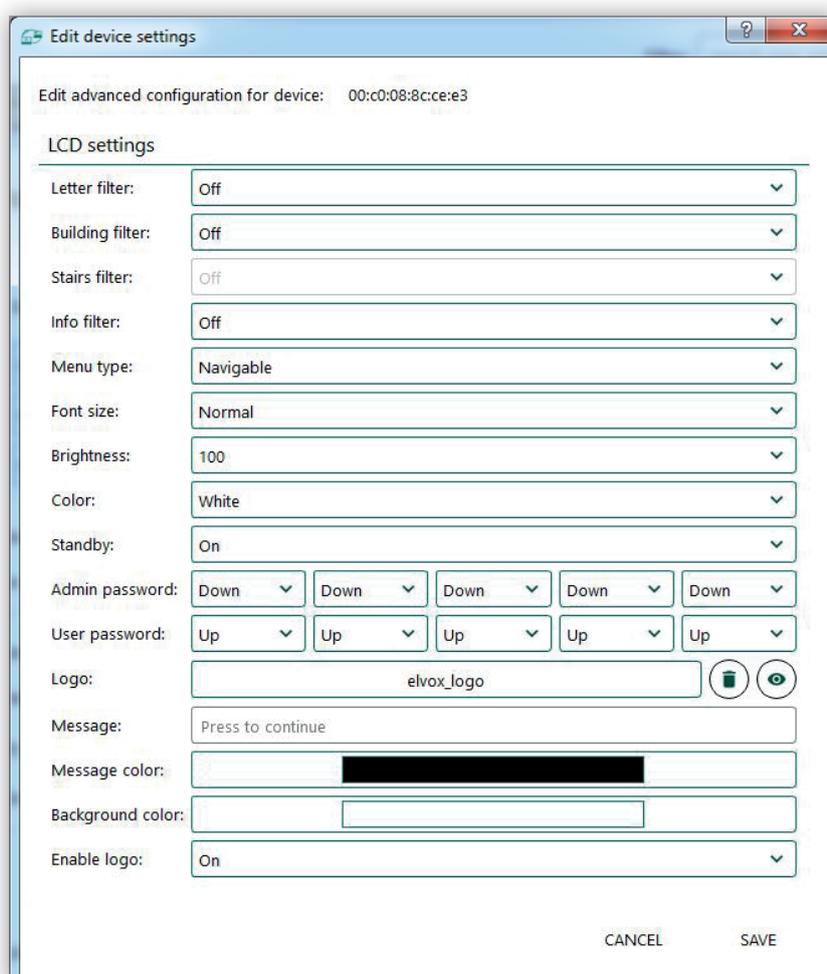
Press **ADVANCED CONFIGURATION** to open the advanced configuration window, where the characteristics listed in the table can be edited.

Language	Graphic interface language
Vocal Synth	Vocal synthesis on/off
AV menu password	A/V module password used to access the configuration menu, comprising a sequence of 4 figures in the range [1,4]
Key sound	Activates/deactivates the sound when a key is pressed
Key brightness mode	<ul style="list-style-type: none"> • AUTO: key brightness responds to day/night sequence (default) • FIXED: key brightness is the same throughout the day, at the level set in the Key brightness night field
Key brightness day	Sets the daytime key brightness level (only applies if Key brightness mode = AUTO)
Key brightness night	Sets the key brightness level during the night or in FIXED mode

VIDEO DOOR IP MANAGER

Camera LED brightness mode	<ul style="list-style-type: none"> AUTO: camera LED brightness responds to day/night sequence (default) FIXED: camera LED brightness is the same throughout the day, at the level set in the Camera LED brightness night field
Camera LED brightness day	Sets the daytime camera LED brightness level (only applies if Camera LED brightness mode = AUTO)
Camera LED brightness night	Sets the camera LED brightness level during the night or in FIXED mode
Camera Exp mode	<p>Sets the picture control mode:</p> <ul style="list-style-type: none"> 0 = standard 1 = portrait enhanced <p>The standard mode provides optimal operation in typical environmental conditions, while the enhanced portrait mode highlights the caller in a backlit situation.</p>
Ring volume	Ringtone and vocal synthesis volume
Speaker volume	Speaker volume during calls
Key sound volume	Volume of the sound when a key is pressed
Lock time	Locking time in milliseconds, with setting from 0 to 999999999 in steps of 250
Conversation time	Conversation time in seconds, after which the call is broken off, with setting in the range from 10 to 300

Use the **LCD CONFIGURATION** button to open the advanced configuration window for any LCD module (art. 41018) allowing you to modify the characteristics described in the table.



Letter filter	Activates/Deactivates the Letter Filter in the phonebook shown by the LCD module
Building filter	Activates/Deactivates the Building Filter in the phonebook shown by the LCD module
Stairs filter	Activates/Deactivates the Stairs Filter in the phonebook shown by the LCD module
Info filter	Activates/Deactivates display of additional information for the locations in the phonebook shown by the LCD module

VIDEO DOOR IP MANAGER

Menu type	<ul style="list-style-type: none"> • Navigable • Direct • Expanded
Font size	Modifies the font size
Brightness	LCD brightness control
Color	LCD colour selection
Standby	Activates/Deactivates standby
Admin password	Editing of the administrator password (sequence of UP and DOWN).
User password	Editing of the user password (sequence of UP and DOWN).
Logo*	Choice of logo to display on the LCD module in standby
Message*	Choice of text to display on the LCD module under the Logo
Message Color*	Choice of colour for the text to display on the LCD module under the Logo
Background Color*	Choice of background colour to display on the LCD module under the Logo
Enable Logo*	Enable/Disable the Logo display in standby

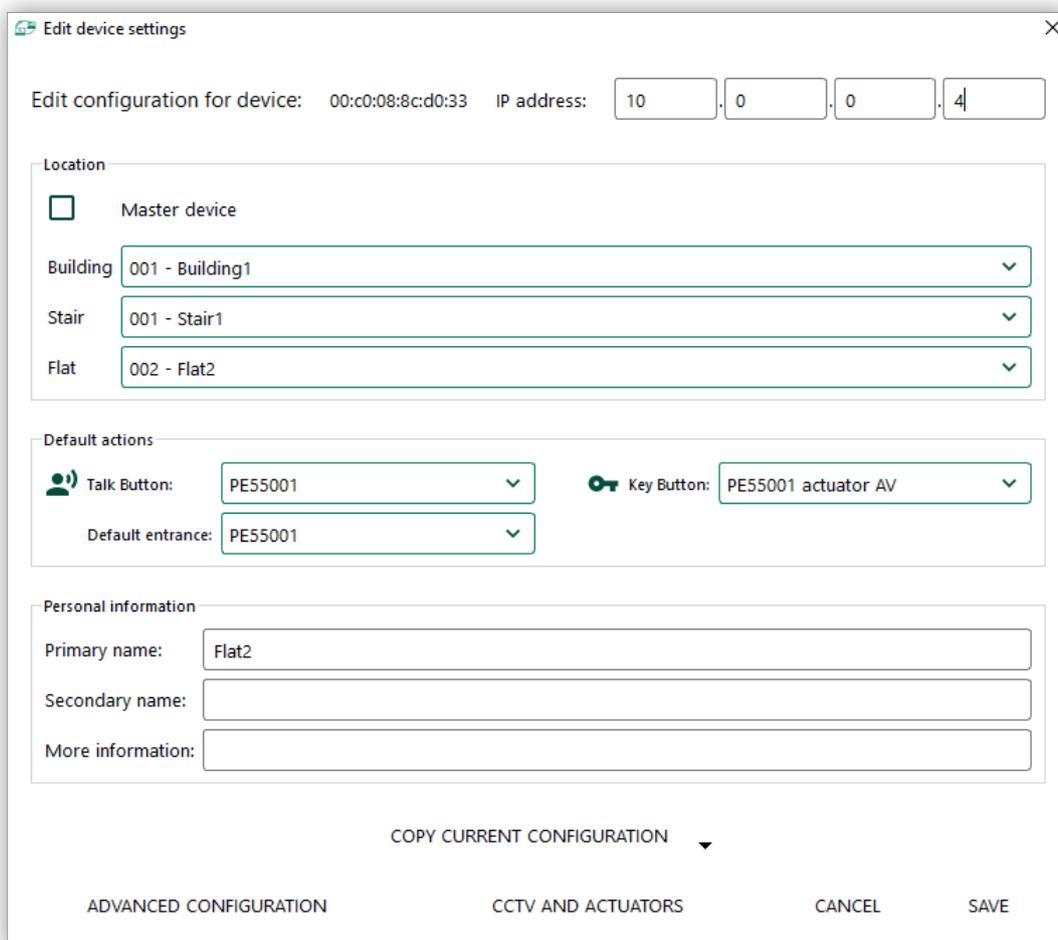
* Functions only available on updated versions of the audio/video module (art. 41006.1)

Press **SAVE** to confirm the changes or **CANCEL** to abort.

VIDEO DOOR IP MANAGER

5.5.2.2 EDITING THE CONFIGURATION OF AN INDOOR DEVICE

The window used to edit the configuration of an indoor device is shown below:



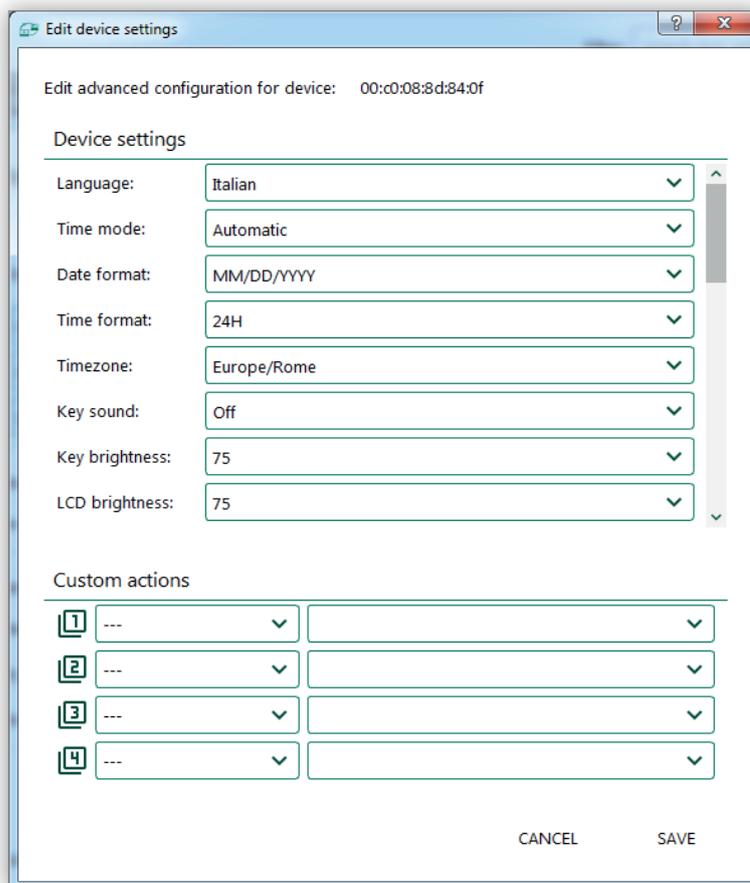
In this window, the user can:

- Modify the IP address
- Modify the position of the device within the system (**Building/Stair/Apartment**)
- Set whether the device is the **Master device** of the apartment
NOTE: Only 1 device (indoor device) in an apartment can and must be the Master indoor device.
- Assign the indoor device's default actions, which can be activated using the soft touch keys:
 - o **Talk button:** sets the entrance panel on which auto-start takes place
 - o **Key button:** sets the procedure to be activated when the "key" key is pressed (e.g. opening of the gate)
 - o **Default entrance:** indicates the default entrance when using a lift interface where the lift will be sent to pick-up a guest. If the indoor device is not managed by a lift interface, this option may remain empty.
- Add or update the device's personal information in the Personal Information box
 - o **Primary name:** Name of the apartment
 - o **Secondary name:** Secondary name of the apartment (e.g. wife's name and surname)
 - o **More information:** Additional details
- Copy the current configuration to:
 - o All devices
 - o All the devices belonging to the building
 - o All the devices belonging to the stair
 - o All the devices belonging to the apartment

When copying the current configuration, all the **Default actions** are copied according to the selected mode.
- Access the **CCTV AND ACTUATORS** section, where the **CCTVs** and system actuators the apartment is able to use can be enabled.

VIDEO DOOR IP MANAGER

- Access the advanced configuration window as shown below:



In the advanced configuration window, the following settings can be edited:

Language	Graphic interface language
Time mode	<ul style="list-style-type: none"> • AUTOMATIC: The time is synchronised with the system • MANUAL: the user can set the time in manual mode
Date format	Date format setting
Time format	Time format setting
Timezone	Time zone setting
Key sound	Activates/deactivates the sound when a key is pressed
Key brightness	Sets the key brightness level
LCD brightness	Sets the display brightness level
LCD timeout	Timeout in seconds after which the display switches to standby mode
Out ringtone	Choice of ringtone for calls from an entrance panel
Reception ringtone	Choice of ringtone for calls from the reception switchboard
Apartment ringtone	Choice of ringtone for calls from a apartment
Intercom ringtone	Choice of ringtone for calls from internal units within the apartment
Doorbell ringtone	Choice of ringtone for the doorbell of the apartment
Ring volume	Ringtone volume
Speaker volume	Speaker volume during calls
Key sound volume	Volume of the sound when a key is pressed
Terminate on key	Activation(ON)/Deactivation(OFF, Default) of the option which terminates the current call when the door is opened by pressing the 'Key' key
AM timeout	Timeout for tripping of the answering machine

VIDEO DOOR IP MANAGER

Wifi mode	Setting of wifi operating mode: <ul style="list-style-type: none"> • OFF: wifi disabled (default) • AP: AP mode • STA: STATION mode
DND mode	Activation/Deactivation of the DND function
Voice mail	Activation/deactivation of the videorecording function
Gui theme	Choice of the GUI graphic theme, between DARK (default) and LIGHT
Standby key light	Activation/Deactivation of the light in the soft touch keys when the device is in standby mode
Distributed FP	Activation/Deactivation of the function that notifies all the apartment indoor devices of the FP event
FP - Notification Message	Message displayed on the indoor device about the FP event

And in the **Custom actions** panel the user can set up to 4 favourite actions, chosen from:

- **CALL**: call a device in the system
- **ACTUATOR**: operate an actuator
- **TTCV**: display the security CCTV

When the action required is selected, the relative list of devices will automatically be made in the drop-down menu on the left (Favourites Menu).

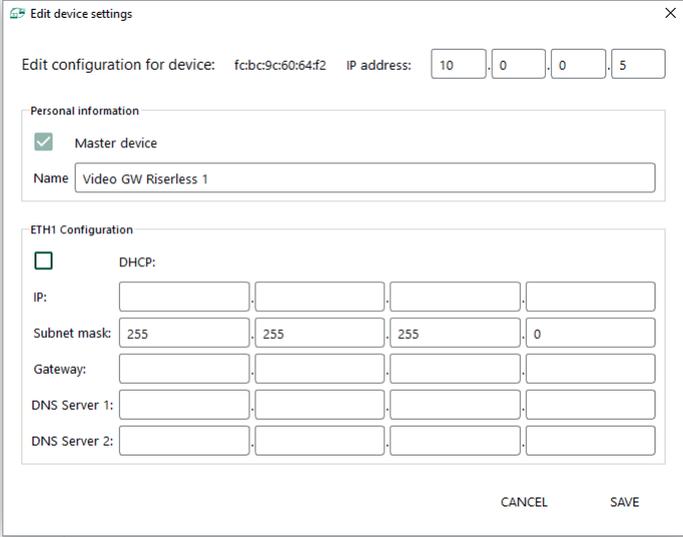
To activate the changes, press **SAVE**; otherwise, press **CANCEL**.

VIDEO DOOR IP MANAGER

5.5.2.3 EDITING THE CONFIGURATION OF A VIDEO GW RISERLESS DEVICE

Video GW Riserless devices (art. 40165) are always displayed in the “Common area” of the system.

The edit screen for a Video GW Riserless device looks like this:



The screenshot shows a dialog box titled "Edit device settings" with a close button (X) in the top right corner. The dialog contains the following fields and options:

- At the top, it displays "Edit configuration for device: fcb:9c:60:64f2" and "IP address: 10.0.0.5".
- Under the "Personal information" section, there is a checked checkbox for "Master device" and a text input field containing "Video GW Riserless 1".
- Under the "ETH1 Configuration" section, there is an unchecked checkbox for "DHCP:". Below this, there are several input fields for network parameters:
 - IP: Four empty input boxes.
 - Subnet mask: Four input boxes with values "255", "255", "255", and "0".
 - Gateway: Four empty input boxes.
 - DNS Server 1: Four empty input boxes.
 - DNS Server 2: Four empty input boxes.
- At the bottom right, there are two buttons: "CANCEL" and "SAVE".

and allows the user to make changes with regard to:

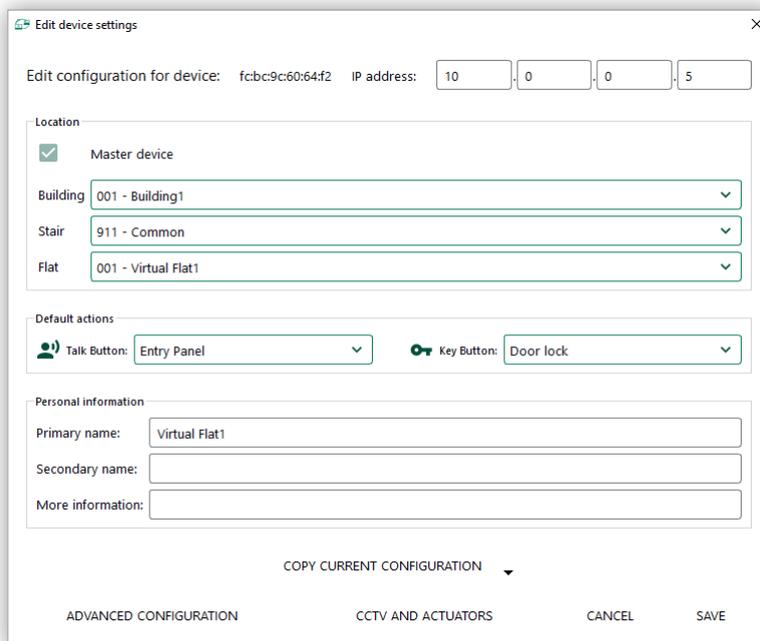
- The name of the device
- The IP address
- The configuration of network interface ETH1.

The “Master device” flag is ticked for the device that, when connected to the Internet via interface ETH1, will connect the system to the Vimar Cloud for remote maintenance.

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5.5.2.4 EDITING THE CONFIGURATION OF A VIRTUAL FLAT

The edit configuration window for a virtual flat looks like this:



Edit device settings

Edit configuration for device: fcbc9c60:64:f2 IP address: 10 . 0 . 0 . 5

Location

Master device

Building: 001 - Building1

Stair: 911 - Common

Flat: 001 - Virtual Flat1

Default actions

Talk Button: Entry Panel

Key Button: Door lock

Personal information

Primary name: Virtual Flat1

Secondary name:

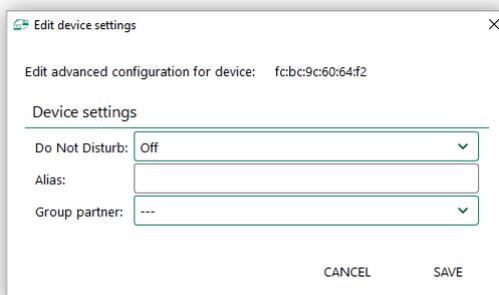
More information:

COPY CURRENT CONFIGURATION

ADVANCED CONFIGURATION CCTV AND ACTUATORS CANCEL SAVE

In this window, the user can:

- Modify the IP address
- Modify the position of the flat within the system (**Building/Stair/Flat**)
- Assign default actions to the flat:
 - o **Talk Button**: sets the entrance panel on which self-start takes place
 - o **Key Button**: sets the procedure to be activated when the “key” button is pressed (e.g. open gate)
- Add or update the personal information in the Personal Information box of the device:
 - o **Primary name**: Name of the flat
 - o **Secondary name**: Secondary name of the flat (e.g. wife's first and last name)
 - o **More information**: Additional details
- Copy the current configuration to:
 - o All devices
 - o All devices belonging to the building
 - o All devices belonging to the stair
 - o All devices belonging to the flat
- Access the **CCTV AND ACTUATORS** section in order to enable the **CCTVs** and system actuators that the apartment is able to use.
- Access the advanced configuration window as shown in the figure:



Edit advanced configuration for device: fcbc9c60:64:f2

Device settings

Do Not Disturb: Off

Alias:

Group partner: ---

CANCEL SAVE

In the advanced configuration window, the following settings can be edited:

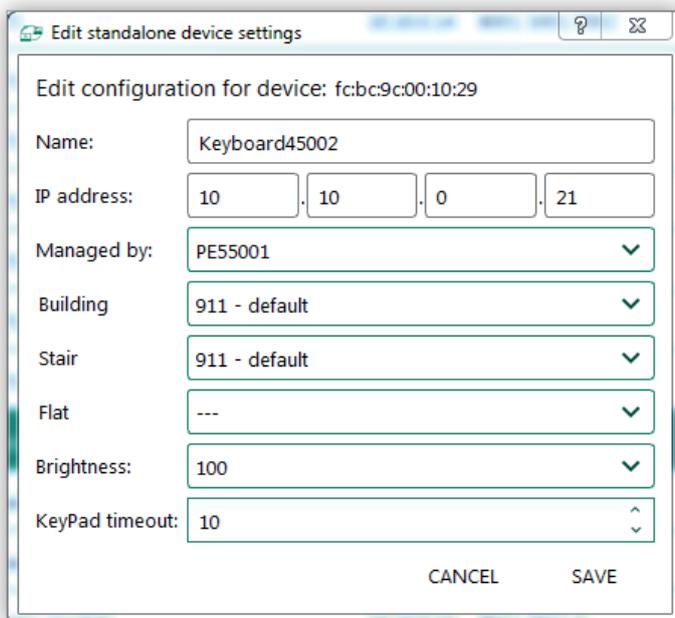
VIDEO DOOR IP MANAGER

- Do Not Disturb: Activation/Deactivation of the DND function
- Alias: choose an additional description for the flat to be used by the remote management portal
- Group partner: create a call group between one physical flat and one virtual flat

Press **SAVE** to apply the changes, otherwise press **CANCEL**.

5.5.2.5 EDITING THE SETTINGS OF STANDALONE MODULES

The standalone device editing screen is as follows:



Edit standalone device settings
 Edit configuration for device: fc:bc:9c:00:10:29

Name:	Keyboard45002
IP address:	10 . 10 . 0 . 21
Managed by:	PE55001
Building	911 - default
Stair	911 - default
Flat	---
Brightness:	100
KeyPad timeout:	10

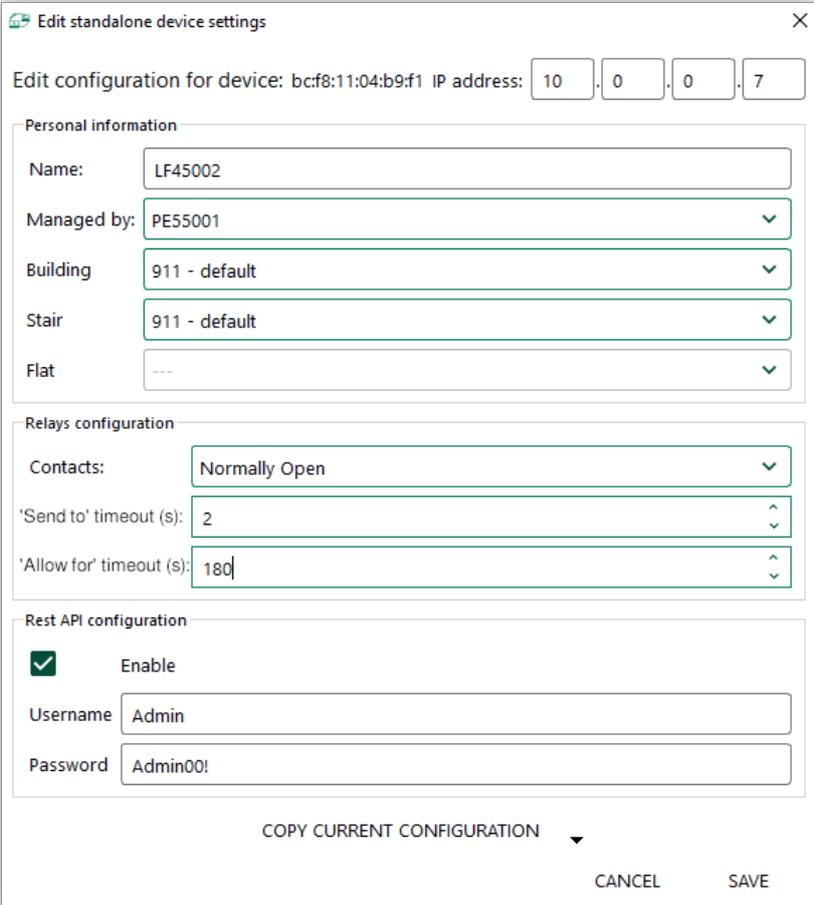
and allows the user to make changes with regard to:

- The name of the device
- The IP address
- The entrance panel/Server which will control communications with the module
- The location of the device within the system (**Building/Stair/Apartment**)
- **For article 41020 only**, the backlighting brightness
- **For article 41020 only**, the timeout for entering a code

VIDEO DOOR IP MANAGER

5.5.2.6 Editing the settings of a lift interface

The window used to edit the configuration of a lift interface is shown below:



Edit standalone device settings

Edit configuration for device: bcf8:11:04:b9:f1 IP address: 10 . 0 . 0 . 7

Personal information

Name: LF45002

Managed by: PE55001

Building: 911 - default

Stair: 911 - default

Flat: ---

Relays configuration

Contacts: Normally Open

'Send to' timeout (s): 2

'Allow for' timeout (s): 180

Rest API configuration

Enable

Username: Admin

Password: Admin00!

COPY CURRENT CONFIGURATION

CANCEL SAVE

In this window, the user can edit:

- The IP address
- The device name
- The entrance panel/server which will control communications with the module
- The location of the device within the system (**Building/Stair/Apartment**)

The user can set the relays configuration:

- The activation mode of the relays. It can be Normally Open (NO) or Normally Closed (NC)
- The elapsed time in seconds that the relay will remain active when sending the lift interface to the floor of a given device. Allowed range: [1 - 60] seconds. Defaults to 1 second.
- The elapsed time in seconds that the relay will remain active when allowing the location of a given device. Allowed range: [1 - 3600] seconds. Defaults to 180 seconds.

The user can also configure the REST API:

Enable/Disable the service. When it is disabled, the below options are hidden. Defaults to disabled.

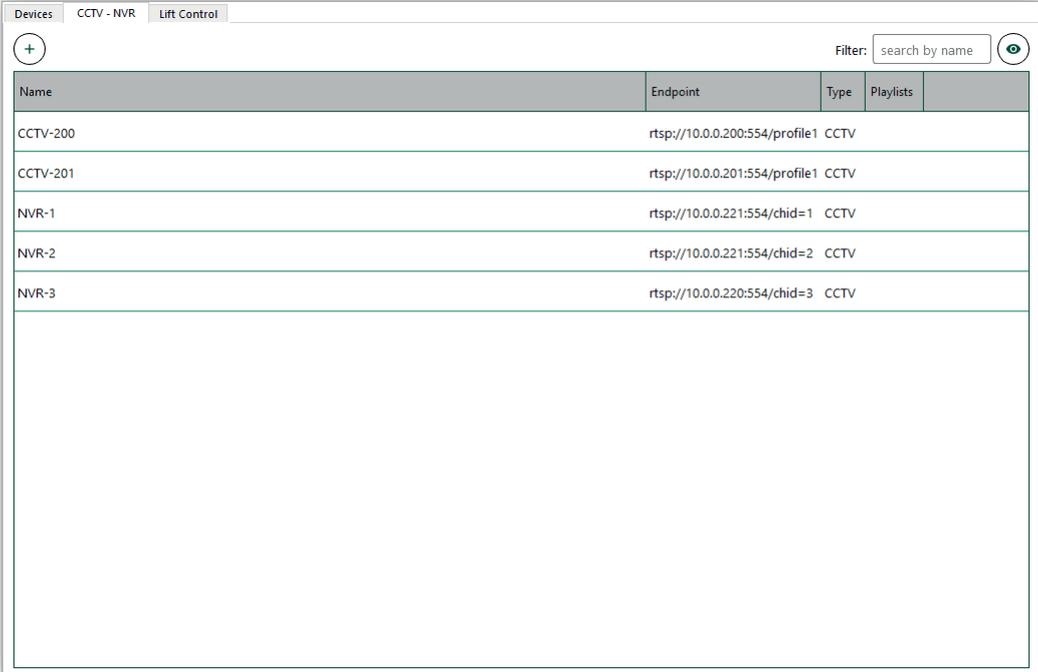
- Set the username necessary to access the REST API resources
- Set the password necessary to access the REST API resources

Press **SAVE** to confirm the changes or **CANCEL** to abort.

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5.5.3 CCTV SECTION

The CCTV section shows the closed-circuit TV cameras added to the system, as illustrated below:



Name	Endpoint	Type	Playlists
CCTV-200	rtsp://10.0.0.200:554/profile1	CCTV	
CCTV-201	rtsp://10.0.0.201:554/profile1	CCTV	
NVR-1	rtsp://10.0.0.221:554/chid=1	CCTV	
NVR-2	rtsp://10.0.0.221:554/chid=2	CCTV	
NVR-3	rtsp://10.0.0.220:554/chid=3	CCTV	

Specifically, the following are shown for each camera:

- **Name:** the customisable name of the camera
- **Endpoint:** the string for connection to the camera

Cameras are accessed by direct polling described in the Endpoint string, in “**protocol://address:port/profile**” **format**. The user is able to edit:

- **Protocol:** the network protocol
- **IP address:** IP address assigned to the camera
- **Port:** the connection port
- **User Name:** username for authentication (optional)
- **Password:** password for authentication (optional)
- **Profile:** the resource to be reproduced in streaming by the camera
- **Profile Low. Res:** the low resolution resource to be reproduced by the Mobile devices connected to the video intercom system
- **Name:** the name of the camera

The user is also able to add and  remove  CCTV cameras and search for them by alphabetical filter.

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Edit device

Endpoint: rtsp://10.0.0.221:554/chid=1

Protocol: RTSP

IP address: 10 . 0 . 0 . 221

Port: 554

User Name:

Password:

Profile: chid=1

Profile Low Res.: profile1

Name: NVR-1

CANCEL SAVE

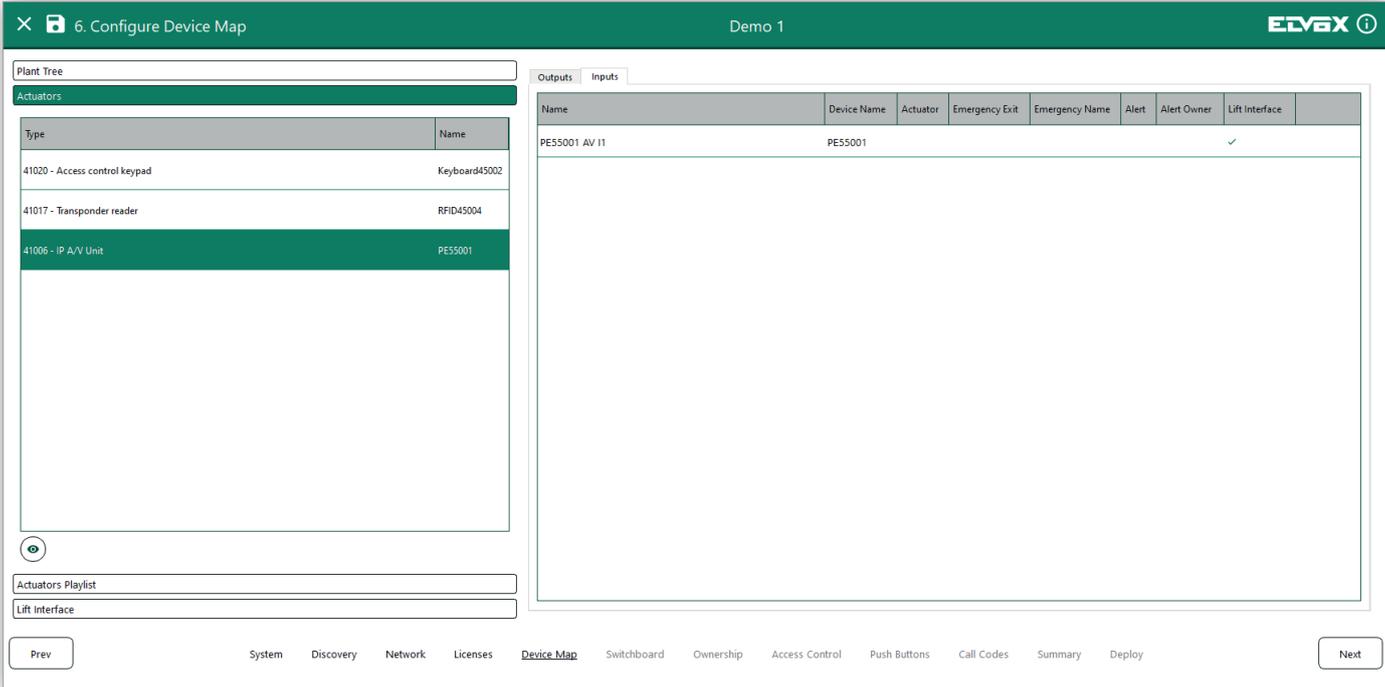
VIDEO DOOR IP MANAGER

5.5.4 ACTUATORS

In the video intercom system, actuators can be controlled by means of the relay modules included in the system. The devices through which actuators can be controlled are:

- 41006 IP A/V Unit
- 41017 Transponder reader
- 41019 Keypad for A/V module
- 41020 Access control keypad
- 40636 I/O Relay module

Select the **Actuators** function to display the following screen:



The menu on the left displays the devices through which the actuators shown on the right can be controlled. Select a device to display the associated actuators.

Click  to access the settings of each actuator, where the following parameters can be regulated:

- **Name:** Actuator name
- **Time:** Time in milliseconds for which the relay contact must be made
- **Icon:** Icon to which the actuator refers:
 - o **DOOR** → actuator relates to doors or gates
 - o **LIGHT** → actuator relates to lights
 - o **SWITCH** → custom actuator (e.g. for irrigation)

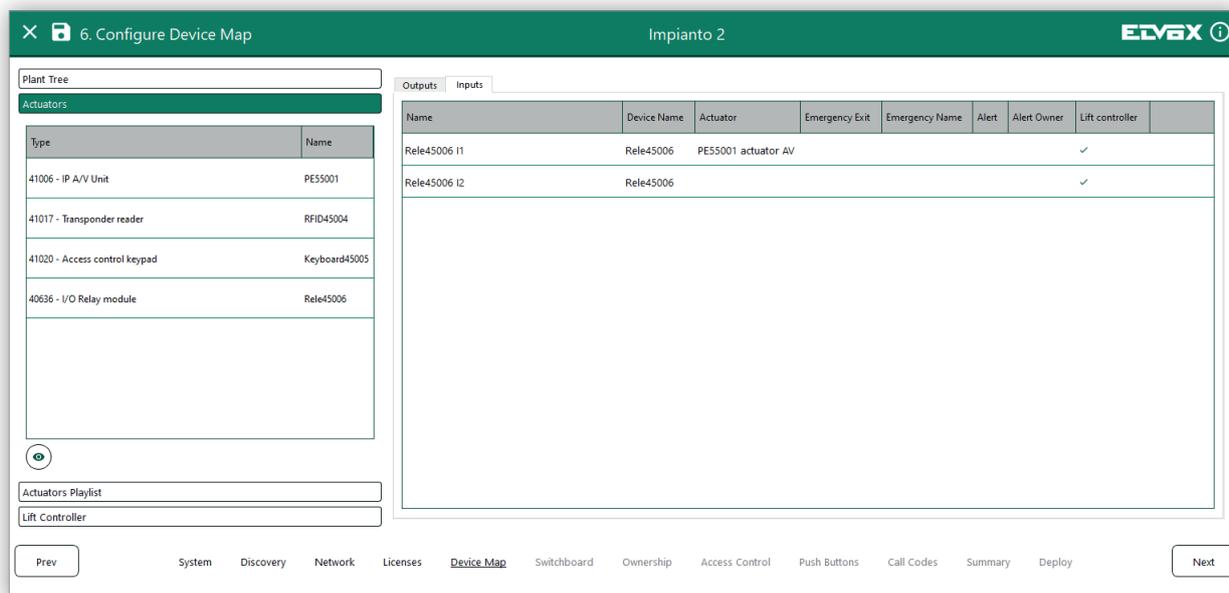
Click **SAVE** to save the settings.

In addition, the video intercom system can be used to control **Inputs** (controlled by accessing the **INPUTS** function), by means of "contacts" included in the following modules:

- Standalone modules:
 - o 41017 Transponder reader
 - o 41020 Access control keypad
 - o 40636 I/O Relay module
- Entrance panel modules:
 - o 41006 IP A/V Unit
 - o 41018 Display module
 - o 41019 Keypad

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- o 41017 Transponder reader



The parameters which can be set for these Input "contacts" are:

- **Name:** Contact name
- **Actuator:** Actuator to be operated in response to the event
- **Event on:**
 - o **Opening:** the module generates an event when the contact is opened
 - o **Closing:** the module generates an event when the contact is closed
- **Emergency exit:** indicates whether the contact can be associated to an emergency exit
- **Emergency exit name:** name of the emergency exit
- **Lift interface:** indicates if the device has rules for the lift interface

Alert: indicates whether the contact can be associated with an Alert event

Alert Owner: indicates the sender of the alert - you can choose between 'System' (system alert) or one of the apartments in the system

Alert Message: alert message notified when the event associated with the contact is triggered

Switchboard notification: indicates whether the alert notification must be sent to the reception switchboards

Flat notification: indicates whether the alert notification must also be sent to the indoor devices of the apartment selected in the 'Alert Owner' field (only available if 'Alert Owner' is set to the name of the apartment itself)

Lift interface configuration: The Send to row indicates the association of a lift interface relay to the actuator input where the lift is sent to pick-up a user. The Allow for row indicates the association of a lift interface relay to a group where the lift is allowed to go.

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Edit Input
✕

Personal information

Name:

Event on:

Actuator configuration

Actuator:

Emergency exit configuration

Emergency exit:

Emergency exit name:

Alert configuration

Alert:

Alert Owner:

Alert Message:

Switchboards notification:

Flat notification:

Lift controller configuration

Commands	Lift interfaces	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Send to	<input type="text" value="LF45002"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										
Allow	<input type="text" value="LF45002"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>														

CANCEL SAVE

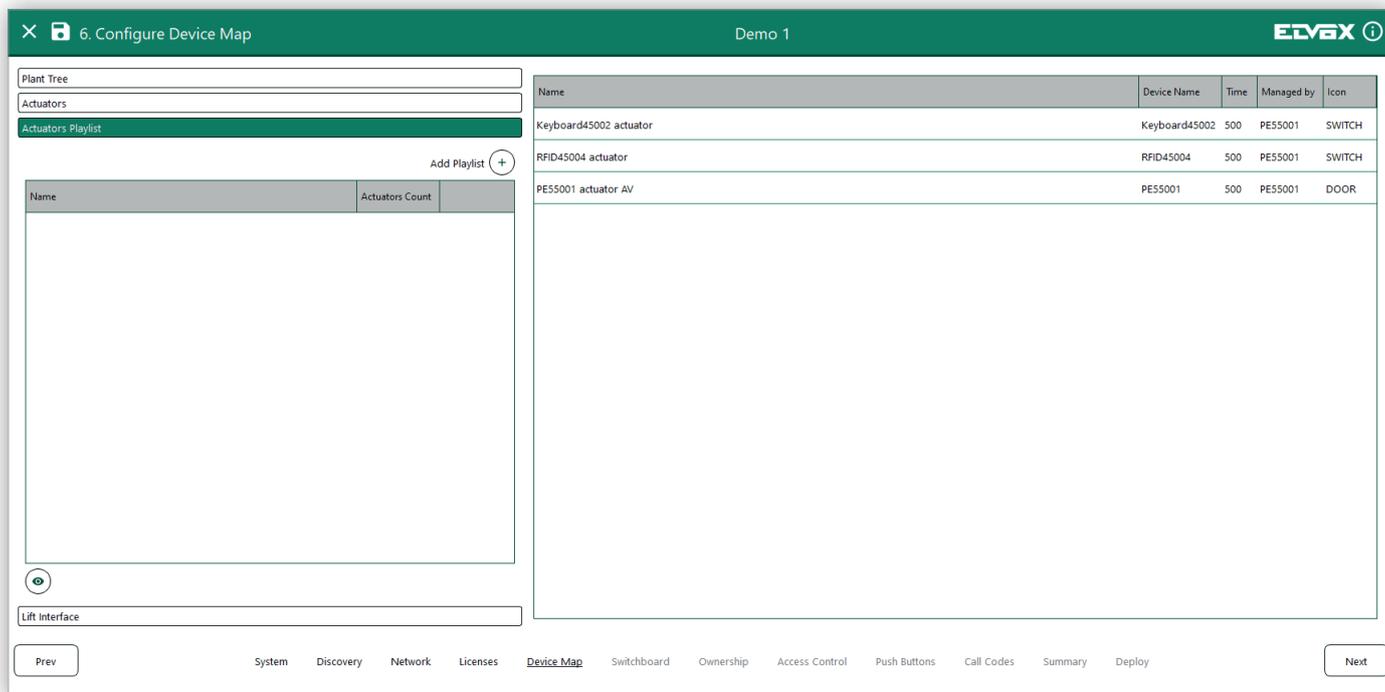
NOTE: An Emergency Exit is an entrance (access point) capable of generating alerts if it is opened or closed. Events related to the Emergency Exits can be viewed from the reception switchboard devices.

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5.5.5 ACTUATOR PLAYLIST

The system allows the creation of actuator playlists (for use from the reception switchboard only) to create groups including a set of actuators to be operated in sequence. For example, it might be necessary to create a playlist to trigger a sequence of "Door opening" followed by "Path light on".

The actuator playlist screen is as shown below:



To add a playlist, select  and assign a name to the playlist.

To fill the playlist, drag the actuator required into the playlist of choice.

Selecting a playlist displays the associated actuators: to return to display of the full list of actuators, click .

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5.5.6 Lift interface

In order to understand how the lift interface has to be configured it's strongly recommended to read the appendix dedicated to this functionality.

Each lift interface has 16 relays and the maximum number of lift interfaces in the system is 16, therefore the maximum number of relays is 256. The number of managed groups may vary significantly according to the configuration, but in a typical configuration in which the building floors need permissions to be accessed, it could serve up to 80 floors. Some configurations may require a larger number of relays.

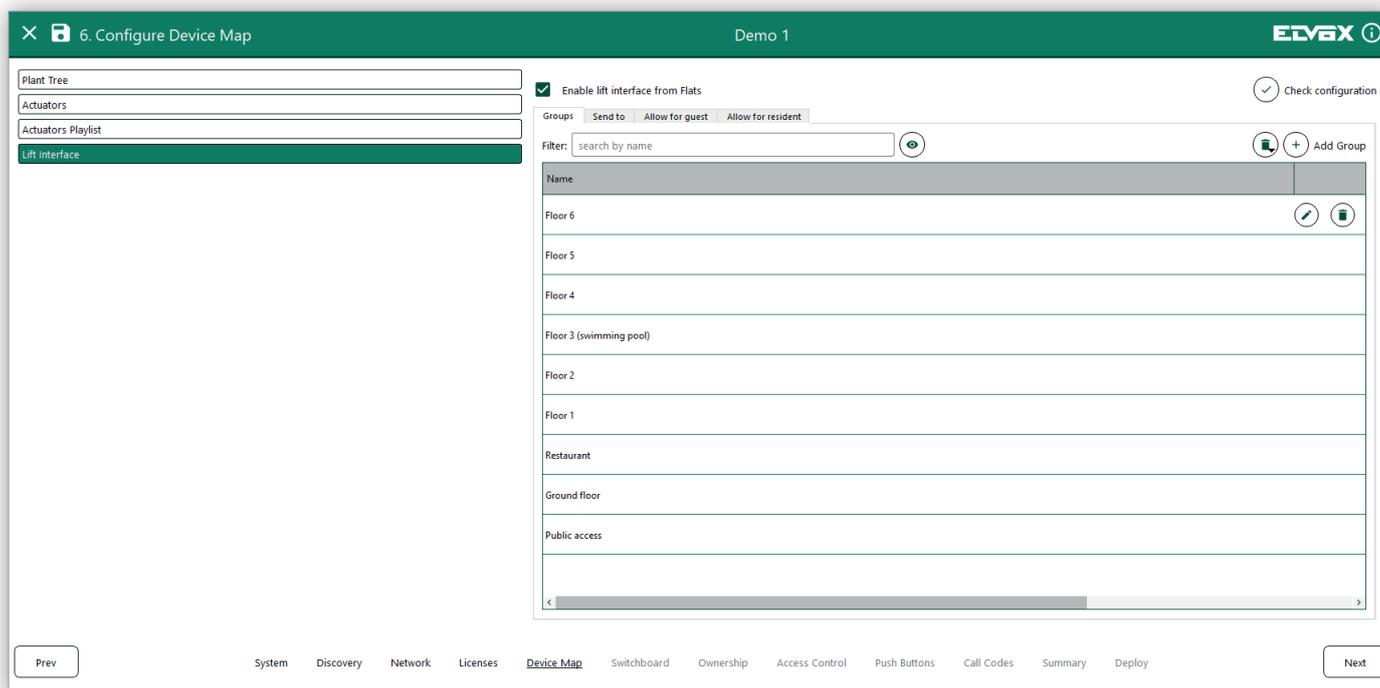
The lift interface configuration assumes the following behavior:

Send the lift to the location of device A to pick-up a user; then allow it to reach the location of device B where the user will be taken.

This means that **the lift is sent to pick-up a user** by activating the relay that is wired to the lift's external panel in the floor where *device A* is located and that **the lift has the permission to access** the final destination by activating a relay that is wired to the lift's internal panel.

This section describes the parameters that have to be configured organized in four tabs.

The *Enable lift interface from Flats* check-box enables the lift interface functionality that includes the indoor device and the legacy option for communicating to third-party systems.



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5.5.6.1 Groups

The purpose of creating groups is to include several devices that share some common characteristics, such as being located in a single floor, in a logical unit that can be easily addressed.

A group can be composed of several devices that are located in a given floor. For example, if a building has 4 apartments in the third floor, the group that can be called *Floor 3* can be composed of the four indoor devices in the third floor.

A group can also be composed of a single device. For example, the entrance panel can be a group composed only of this device and could be called *Ground floor*.

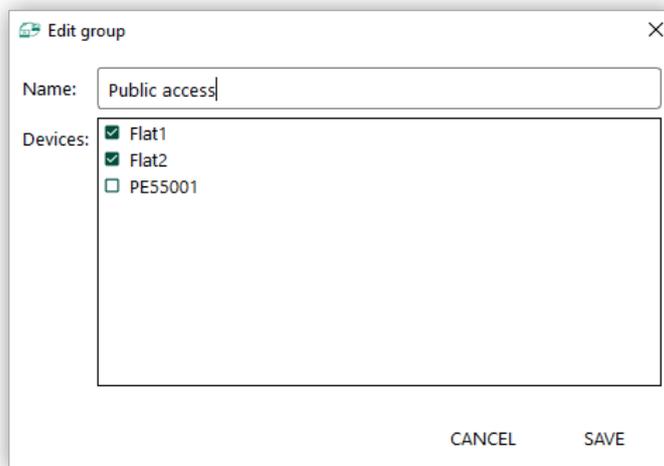
The device types within a group can be a mix of indoor devices, entrance panels or porters.

The *Groups* tab in the previous image shows a list of the current groups.

To search for a specific group, enter the searched string in the *Filter* textbox and select .

To delete all groups select . It can be also used to delete selected groups that were previously chosen.

To add a group, select :



Enter the name of the group in the *Name* text field and select the desired devices that want to be part of the group in the *Devices* multi-select box. After selecting *Save*, the new group will appear in the list of groups. Select *Cancel* to interrupt the operation.

If an indoor device is not managed by a lift interface, it can be left outside of any group.

Notice that these lift interface *groups* are not related to the access control *groups*.

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5.5.6.2 Send to

The *Send to* tab is used to associate a relay of the lift interface to a group where the lift is sent to pick-up a user. For example, if the lift interface's relay 13 is wired to the lift's external panel in the ground floor and there is a group called *Ground floor* that includes the entrance panel, the check-box [*Ground floor, Relay 13*] in the table is selected, so when the relay 13 is activated the lift will move to the entrance panel floor to pick-up the user.

Notice that if a device belongs to several groups that have a *Send to* check-box enabled, the lift could be sent to any of the selected locations causing undesired behavior.

To search for a specific group, enter the desired string in the *Filter* textbox and select  .

Since there can be more than one lift interface in the system, they can be filtered for all the groups at once by selecting the desired lift interface in the drop down menu at the top right of the tab. Instead, if a specific lift interface wants to be filtered for a given group, use the second column of the table.

When a lift interface is selected in the second column, let's say *LF45002*, its relays are displayed in the following columns. If another lift interface is selected, let's say *LF45003*, the relays of *LF45002* are hidden and the ones belonging to *LF45003* are displayed.

This means that each lift interface has its own set of relays that can be set and visualized by selecting the desired lift interface in this second column.

The screenshot shows the '6. Configure Device Map' window in the ELVOX software. The 'Lift interface' tab is active, displaying a table for configuring the 'Send to' function. The table lists various groups and their associated relays (1-16). The 'Lift Interface' column allows selecting a specific lift interface (e.g., LF45003) for each group. The 'Send to' column has a checked box for the 'Ground floor' group. The 'Filter' field is set to 'search by name' and the 'Lift Interface' dropdown is set to 'LF45003'.

Groups	Lifts Interface	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Floor 6	LF45003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 5	LF45003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 4	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 3 (swimming pool)	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 2	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 1	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restaurant	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ground floor	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>								
Public access	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

VIDEO DOOR IP MANAGER

5.5.6.3 Allow for guest

The *Allow for guest* tab is used to associate a relay of the lift interface to a group where the lift is allowed to go for a **guest**.

For example, if the lift interface's relay 3 is wired to the third floor of the lift's internal panel and there is a group called *Floor 3*, the check-box *[Floor 3, Relay 3]* in the table is selected, so when an indoor device that belongs to the *Floor 3* group wants to pick-up a guest, the relay 3 is activated giving permissions to the lift to reach the third floor. The guest then presses the just enabled internal lift button.

Notice that if a device belongs to several groups that have at least one check-box enabled in the *Allow for guest* tab, the lift is allowed to access all the selected locations.

To search for a specific group, enter the desired string in the *Filter* textbox and select .

Since there can be more than one lift interfaces in the system, they can be filtered for all the groups at once by selecting the desired lift interface in the drop down menu at the top right of the tab. Instead, if a specific lift interface wants to be filtered for a given group, the second column of the table can be used.

The screenshot shows the '6. Configure Device Map' window for 'Demo 1'. The 'Lift Interface' tab is active, showing a configuration for 'Enable lift interface from Flats'. The 'Allow for guest' tab is selected. A search filter is present with a magnifying glass icon. The main table lists various groups and their associated lift interface relays (1-16). Checkmarks indicate which relays are enabled for each group.

Groups	Lifts Interface	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Floor 6	LF45003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Floor 5	LF45003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Floor 4	LF45003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Floor 3 (swimming pool)	LF45003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Floor 2	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Floor 1	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>												
Restaurant	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Ground floor	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Public access	LF45003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								

VIDEO DOOR IP MANAGER

5.5.6.4 Allow for resident

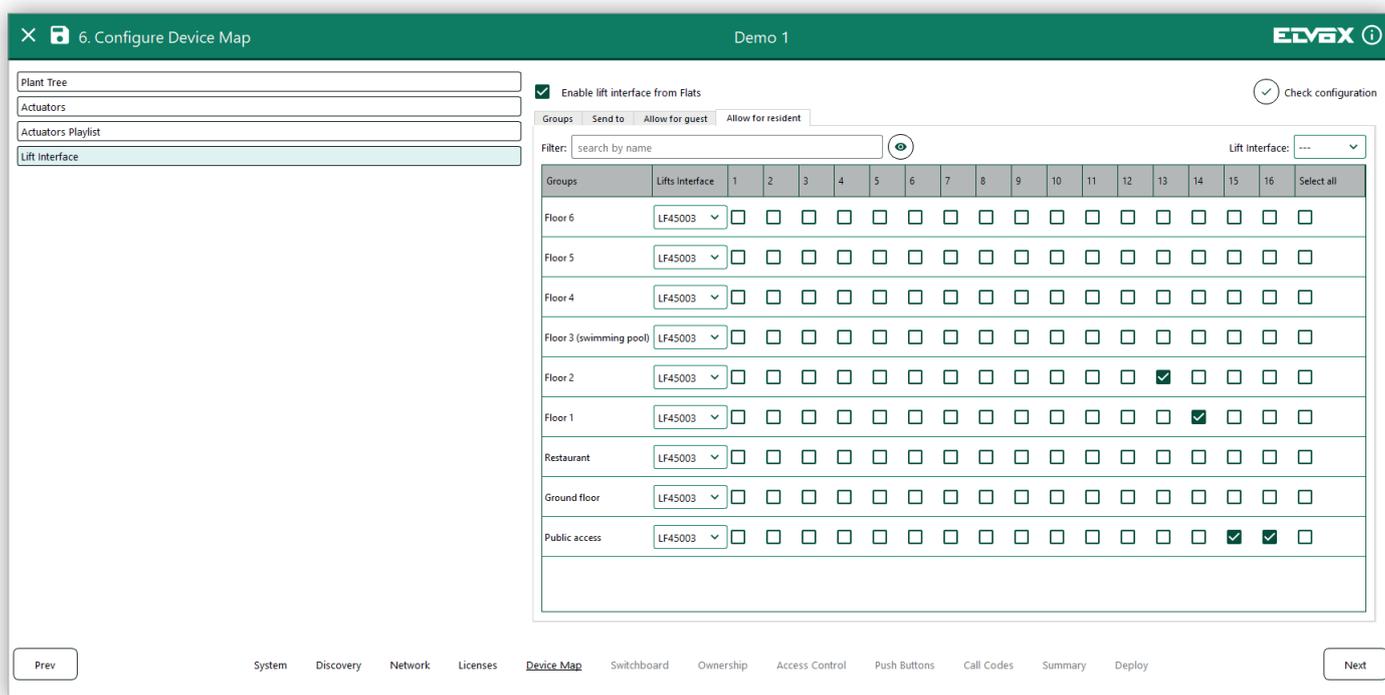
The *Allow for me* tab is used to associate a relay of the lift interface to a group where the lift is allowed to go for a **resident**.

For example, if the lift interface's relays 6 and 7 are wired to the third floor, ground floor and parking floor, respectively, of the lift's internal panel and there is a group called *Floor 3*, the check-boxes [*Floor 3, Relay 6*] and [*Floor 3, Relay 7*] in the table are selected, so when a resident of the third floor wants to leave his apartment the relays 6 and 7 are activated giving permissions to the lift to reach the third floor, the ground floor and the parking floor.

Notice that if a device belongs to several groups that have at least one check-box enabled in the *Allow for me* tab, the lift is allowed to access all the selected locations.

To search for a specific group, enter the desired string in the *Filter* textbox and select .

Since there can be more than one lift interfaces in the system, they can be filtered for all the groups at once by selecting the desired lift interface in the drop down menu at the top right of the tab. Instead, if a specific lift interface wants to be filtered for a given group, the second column of the table can be used.



During a call between an external panel and an indoor device and any button of the lift interface is pressed in the indoor device, the system activates the relays associated to this indoor device that may also involve the entrance panel, such as when pressing the *Entrance* button, even if this entrance panel does not belong to any group.

VIDEO DOOR IP MANAGER

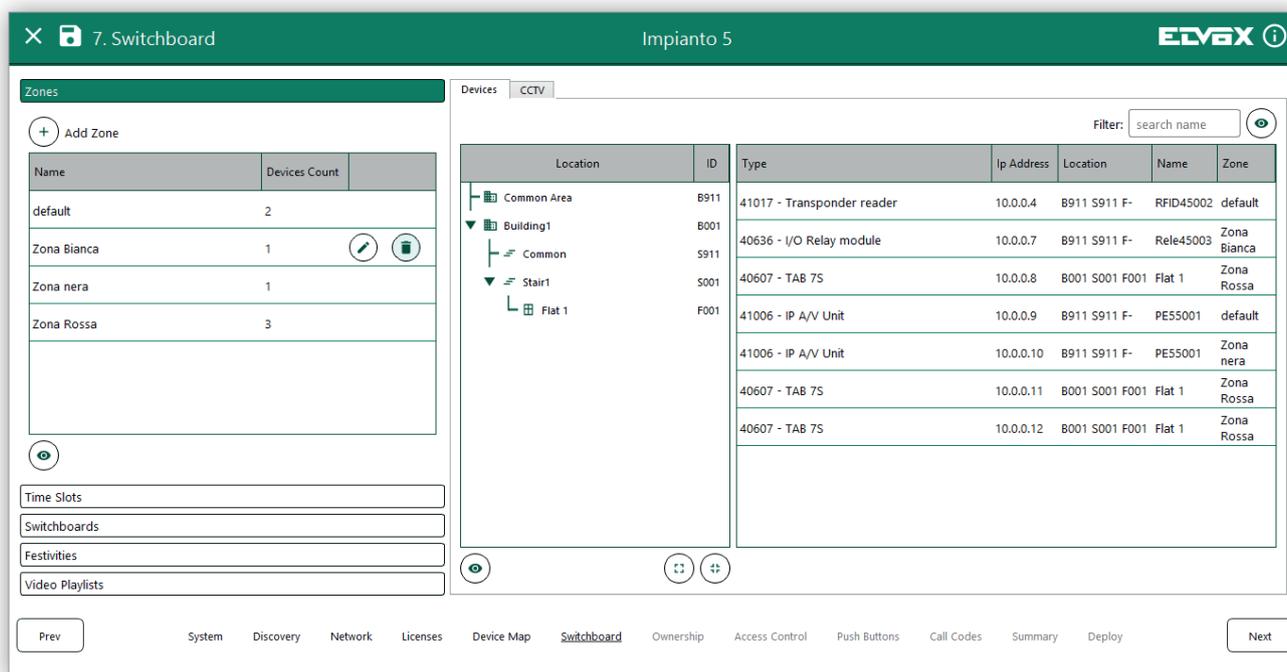
5.6 SWITCHBOARD

This section provides a step-by-step description of creation of a reception switchboard and configuration of its operation.

5.6.1 ZONES

The program allows the creation of "control zones", meaning sets of devices to be controlled by the reception switchboard. By default there is just one 'zone', identified by the 'default' label.

The screen is as follows:



The existing zones appear on the left and the devices (always displayed in hierarchical order) on the right, with specific reference to their respective 'Zones'.

The installer is able to:

- Add a new zone by selecting and entering its name
- Associate devices to the zone, by dragging the device into the zone.

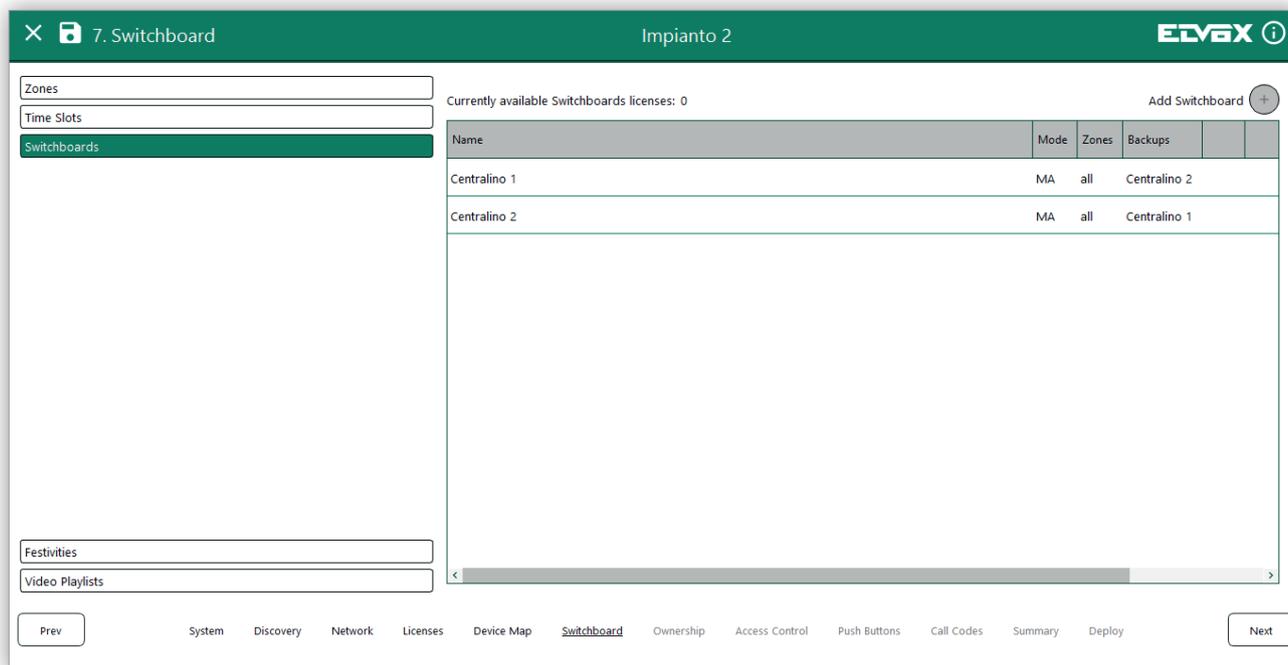
NOTE: To shift all the Indoor Devices in a given apartment into a 'zone', just drag one of them into the zone and the configuration software will automatically add all the rest.

Select the **CCTV** function to access the list of security CCTVs. These cameras can also be associated to specific 'zones' .

VIDEO DOOR IP MANAGER

5.6.2 SWITCHBOARDS

The **Switchboards** subsection, illustrated below, contains a list of the existing reception switchboards.



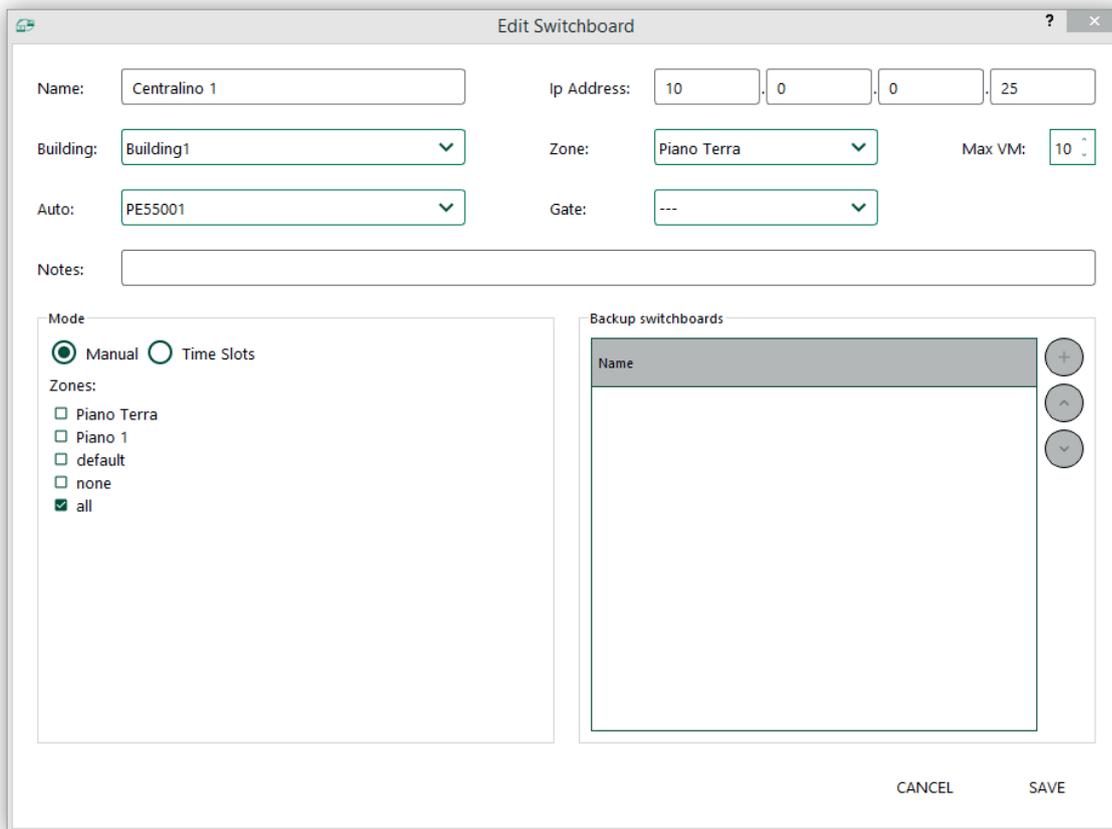
The following commands are available:

- Add switchboard  for adding a new switchboard: this option is accessible if the relative licences have been registered (see LICENCES section). No switchboard can be activated without a licence.
- Edit  for modifying an existing switchboard

As the screen below shows, the add and edit functions can be used to set:

- **Name:** customisable name of the switchboard
- **IP Address:** IP Address to be used for the switchboard. The PC used for the switchboard must be configured with the IP address set here.
- **Building:** Building in which the switchboard is located
- **Zone:** Zone in which the switchboard is located
- **Max VM:** maximum number of video messages the reception switchboard is able to record. **NOTE:** This number depends on the structure of the system (with or without Server) and the number of locations set.
- **Auto:** Entrance panel on which auto-start will take place by default
- **Gate:** Default actuator controlled by the button provided (e.g. opening of the main gate)
- **Notes:** Any notes
- **Mode:**
 - **Manual:** the switchboard is able to modify its operating mode in real time. The zone(s) served by the switchboard must be selected for this mode.
 - **Time Slots:** The switchboard's operating mode is controlled by selecting the 'type of day' set in the **Time Slots** section for each day of the week. Select  for detailed display of the information regarding the relative 'type of day'.
- **Backup Switchboards:** for entering the list of backups for each switchboard in the event of an operating failure. If the switchboard is missing or fails to reply, the call is automatically forwarded to the backup switchboards in the order specified in the list.

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Edit Switchboard

Name: Ip Address: . . .

Building: Zone: Max VM:

Auto: Gate:

Notes:

Mode
 Manual Time Slots

Zones:
 Piano Terra
 Piano 1
 default
 none
 all

Backup switchboards

Name

CANCEL SAVE

NOTE: Zone selection is governed by the following rules:

- o the 'default', 'none' and 'all' zone settings are mutually exclusive
- o if a zone set in manual mode is selected, the default zone is also automatically included. (e.g. if 'Ground Floor' is selected [see screenshot] the switchboard will control all the devices in the 'Ground Floor' zone plus all the devices in the 'default' zone)

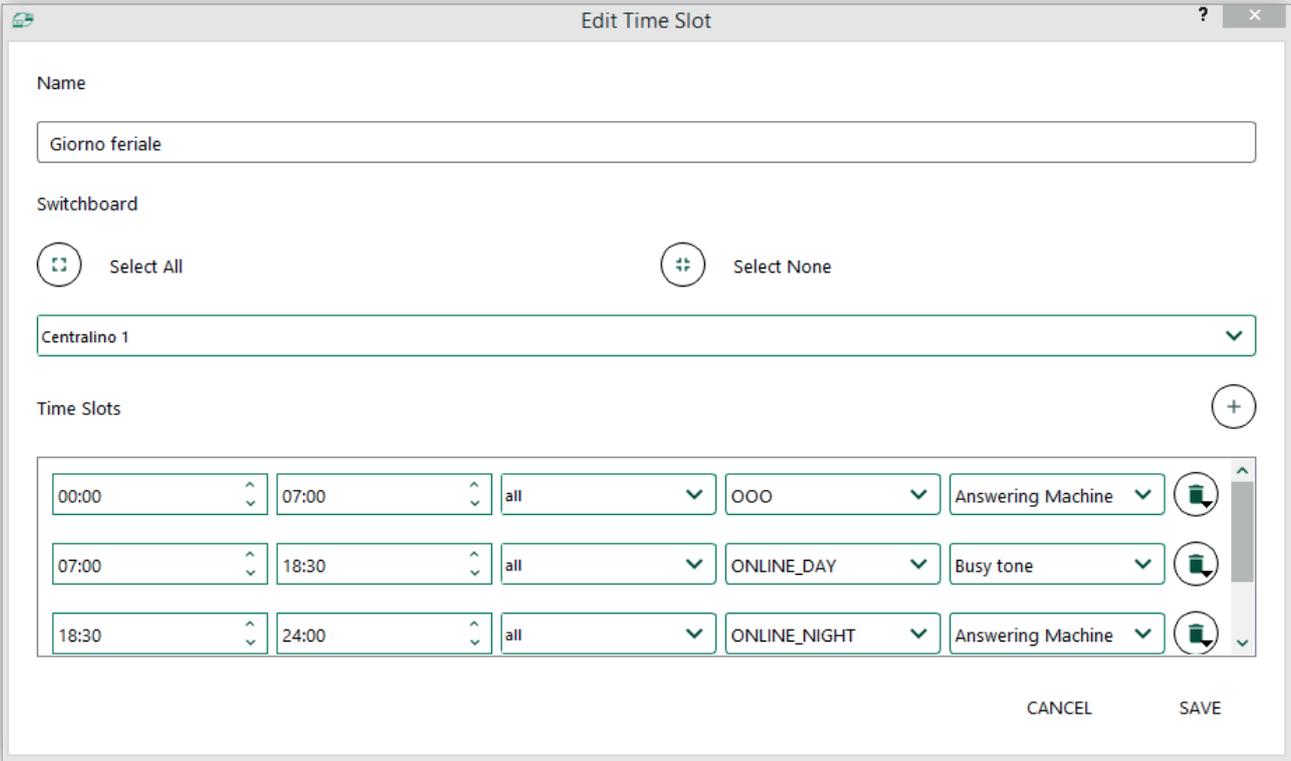
VIDEO DOOR IP MANAGER

5.6.3 TIME SLOTS

This screen displays the list of the time slots created by the installer. The commands available are the following:

-  Add a new 'type of day'
-  Edit an existing 'type of day'
-  Display the information about the 'type of day' selected
-  Remove the 'type of day' selected

If the type of day is added or edited, the following screen appears:



Edit Time Slot					
Name: <input type="text" value="Giorno feriale"/>					
Switchboard: <input type="text" value="Centralino 1"/>					
Time Slots					
<input type="text" value="00:00"/>	<input type="text" value="07:00"/>	<input type="text" value="all"/>	<input type="text" value="OOO"/>	<input type="text" value="Answering Machine"/>	
<input type="text" value="07:00"/>	<input type="text" value="18:30"/>	<input type="text" value="all"/>	<input type="text" value="ONLINE_DAY"/>	<input type="text" value="Busy tone"/>	
<input type="text" value="18:30"/>	<input type="text" value="24:00"/>	<input type="text" value="all"/>	<input type="text" value="ONLINE_NIGHT"/>	<input type="text" value="Answering Machine"/>	
				CANCEL	SAVE

The actions available in this screen are:

- **Name:** setting of the name of the 'type of day'
- **Switchboard:** choice of the switchboards to which the 'type of day' being created will apply
- **Time Slots:** setting of the time slots, operating mode and fallback actions if the switchboard does not answer.

Time slots are set using a drop-down menu where the user can:

- set the time slots (NOTE: they must cover the whole 24-hour period; undefined time intervals are not possible)
- specify the control zones which the switchboard controls during the specific time slot:
 - o **Default:** 'common area' zone
 - o **All:** all zones
 - o **XXXX:** specific zone created previously + default zone
 - o **None:** no zone
- Selection of the switchboard operating mode:
 - o **ONLINE_DAY** → All calls from outside are directed to the switchboard before passing to the apartment
 - o **ONLINE_NIGHT** → All calls from outside are directed to their respective intended recipients. The switchboard can only be contacted by calling it specifically.
 - o **OOO (OUT OF OFFICE)** → The switchboard is 'out of office'. If a call arrives, a fallback action can be set, selected from the following options:
 - **Busy tone** → The caller hears the busy tone

VIDEO DOOR IP MANAGER

- **Answering machine** → The caller hears a recorded message
- **Vocal message** → The call is transferred to the answering machine
- Removal of time slots (trash can icon) by two possible procedures:
 - o **Merge up** → The selected time slot is merged with the one above
 - o **Merge down** → The selected time slot is merged with the one below

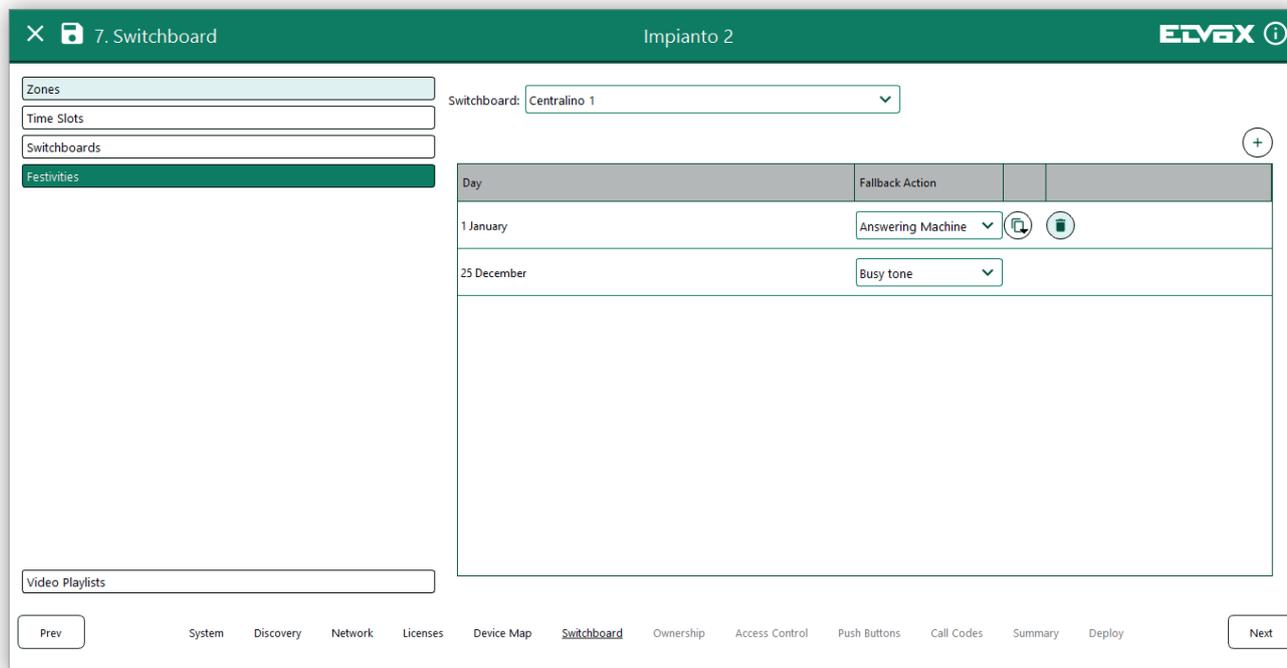
To save the changes, press **SAVE**.

VIDEO DOOR IP MANAGER

5.6.4 PUBLIC HOLIDAYS

The "festivities" (public holidays) screen controls the operating mode used on specific public holidays or days when the switchboard is not in operation. It implements Fallback Actions, used when the switchboard does not answer a call.

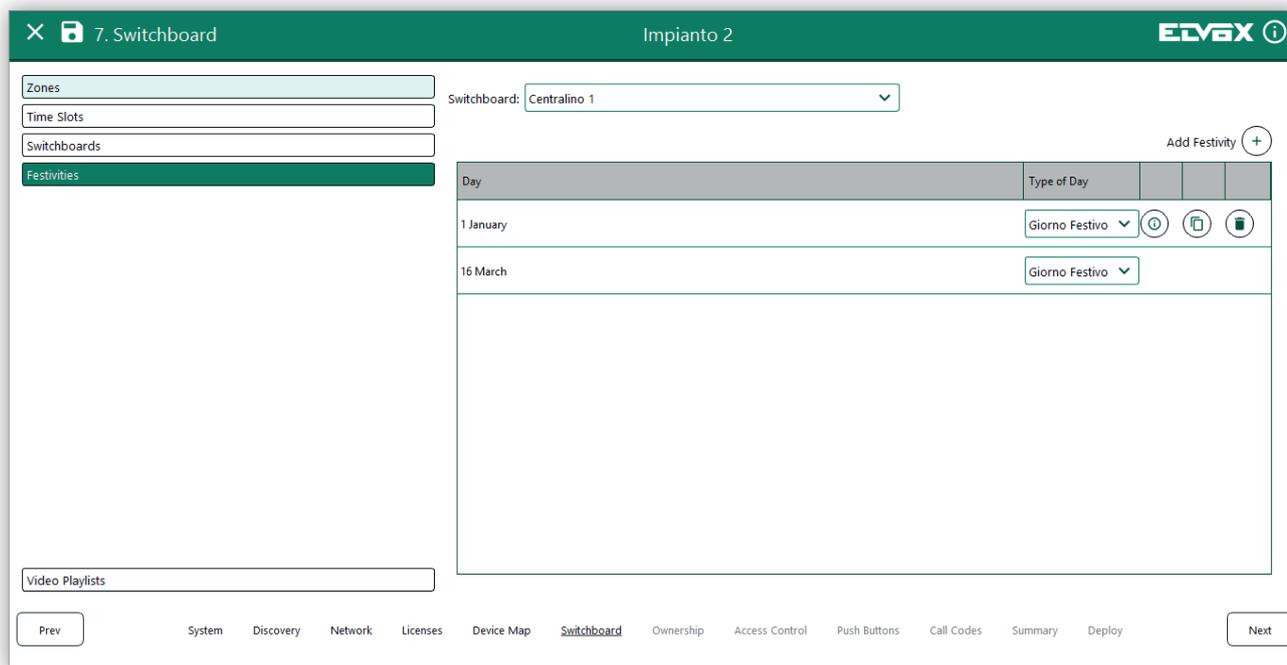
Public holidays are defined for each switchboard location by means of the "Switchboard" drop-down menu.



From this section, the user can:

- Add a new public holiday and the relative fallback action (busy tone, voice message or transfer to video answering machine)
- Copy a public holiday to another switchboard (or all the switchboards)
- Remove a public holiday

If the switchboard has been set in **TIME SLOT** mode, the editing window is slightly different:



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The screen includes a list of the public holidays added together with the relative **Type of Day** selected. In this screen, the user can:

-  Add a new public holiday and the relative **Type of day** set in the **Time Slots** subsection
-  Display the information about the type of day set
-  Copy the public holiday to another switchboard (or all the switchboards)
-  Remove the public holiday

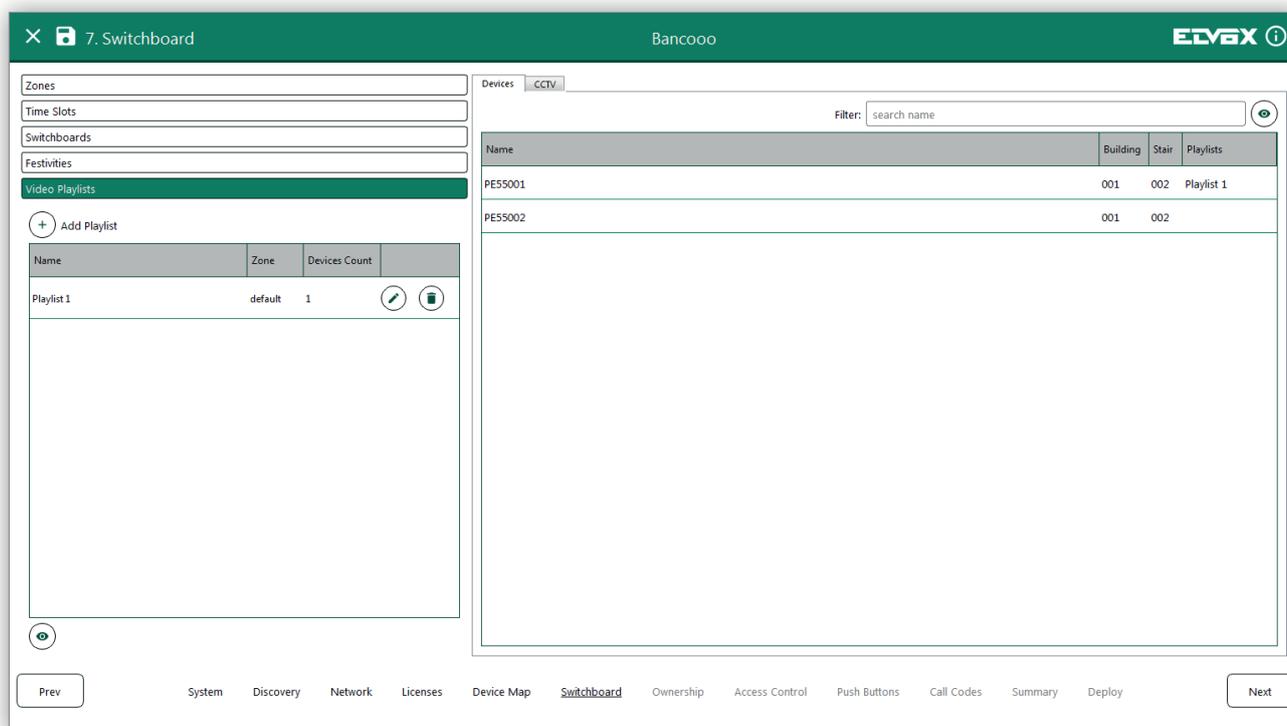
In this case there is no need to set the fallback action during the public holiday, since it may vary within the time slots already set.

VIDEO DOOR IP MANAGER

5.6.5 VIDEO PLAYLISTS

The system allows the user to combine entrance panels or CCTV cameras in customised playlists, for easier monitoring by the switchboard. The playlists described here can only be used from the 'reception switchboard' location.

The video playlist screen is as shown below:



To add a playlist, select and assign a name and a zone to the playlist.

To fill the playlist, drag the entrance panel or CCTV camera required into the playlist of choice.

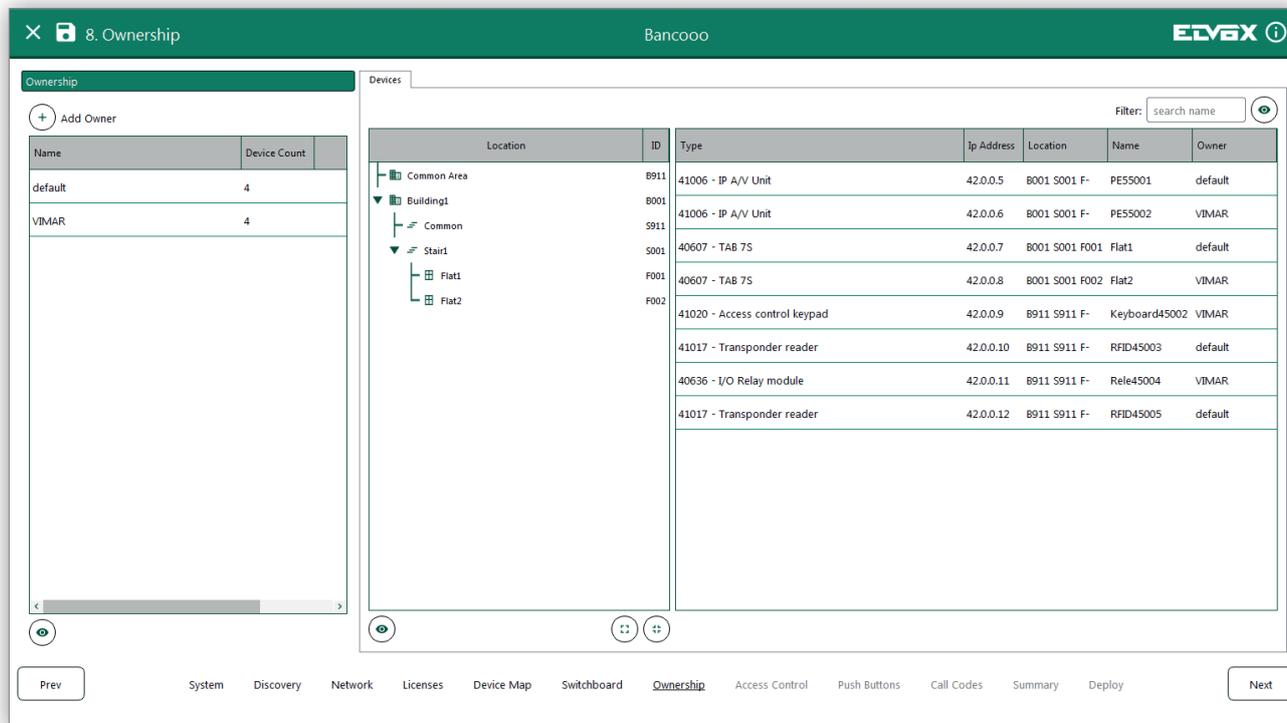
NOTE: only "single-type", playlists consisting of only entrance panels or only CCTV cameras, can be created.

Selecting a playlist displays the associated entrance panels (**Devices** function) or the cameras (**CCTV** function): to return to display of the complete list, click .

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5.7 OWNERSHIP

As well as the subdivision of devices into zones described in point , the video intercom system allows devices to be hierarchically grouped on the basis of ownership. This function is intended for buildings which house more than one company or several departments of the same company (e.g. 'Technical Department', 'Accounts', 'Production', etc...), meaning that it is useful to group the devices on the basis of ownership.



As for subdivision by zones, the installer can create functional groups (the screenshot contains the 'default' group and the 'VIMAR' group) to which the relevant devices can be assigned.

The 'reception switchboard' location uses these ownership groups to create a more structured System Phonebook.

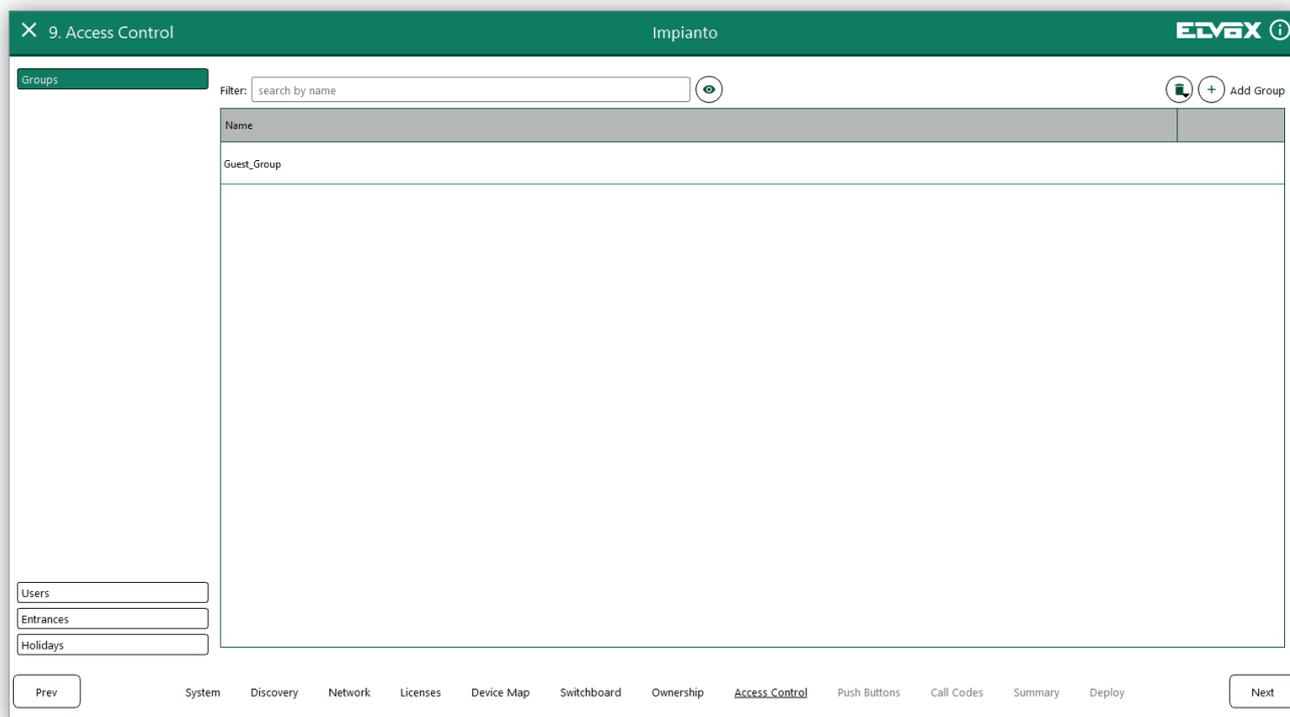
VIDEO DOOR IP MANAGER

5.8 ACCESS CONTROL

This section is used to set the users enabled to access the building (through the entrances covered by the video intercom system) by entering a code or swiping a card, and the relative time rules.

5.8.1 GROUPS

This section can be used manage the list of group rules to control system access.



In particular, users can:

- Add one or more groups ( "Add Group")
- Modify existing groups ()
- Remove one or more groups ()

When creating/modifying a group, users can:

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Edit group

Name:

Users:

- User VIP
- User normal

Rules: 🗑️ + Add Rule

Day	From	To	Entrance	Actuator	Lift Interface
All days	00:00	23:59	Keyboard45002 Entrance	Keyboard45002 actuator	✓

CANCEL SAVE

- Define/modify the name of a group
- Add/remove one or more user to/from the group
- Add/modify/remove the group access control rules

All users in the group will inherit the group rules.

Adding a rule lets users define the access on a specific day, in a specific time slot and for a specific entrance.

Edit Rule

Entrance:

Day of week:

From:

To:

Actuators:

- Keyboard45002 actuator
- PE55001 actuator AV
- RFID45004 actuator

Commands	Lifts interface	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Send to	<input type="text" value="LF45003"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Allow	<input type="text" value="LF45003"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CANCEL SAVE

- o Entrance: Entrance for which the user is enabled
- o Day of week: Day of the week for which the rule applies
- o From - To: Time slot for which the rule applies

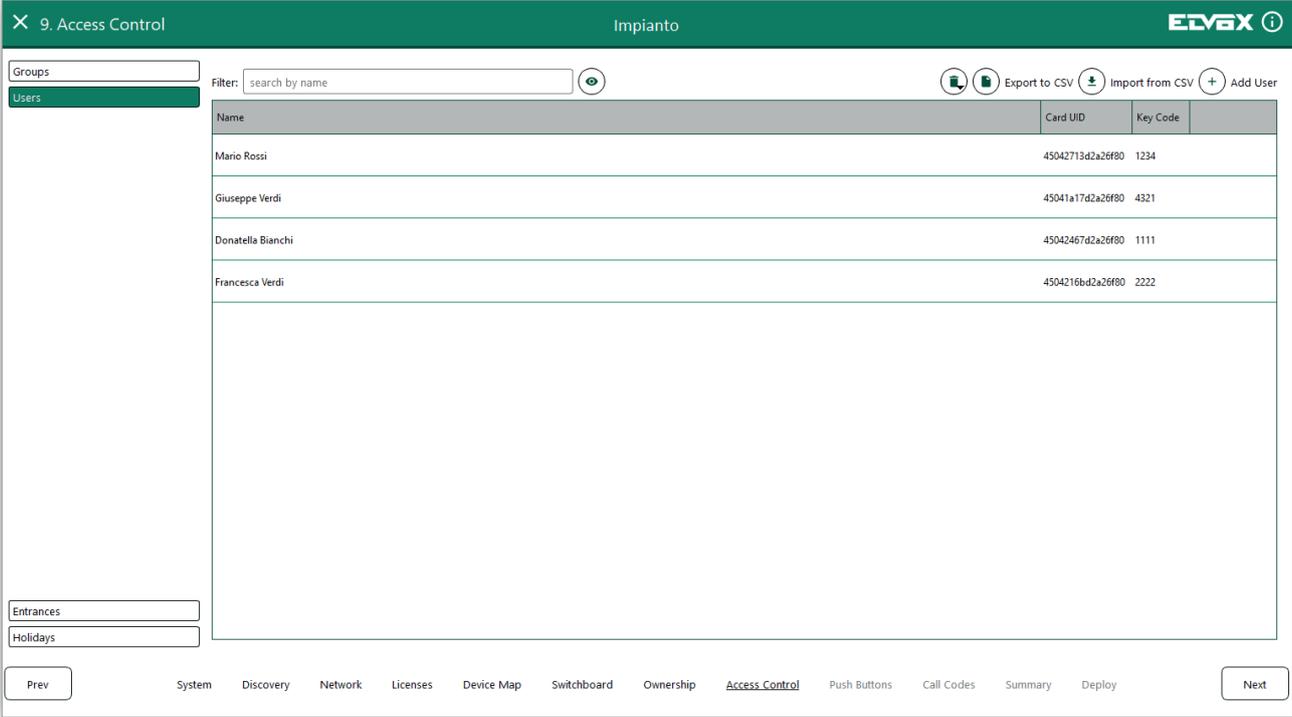
VIDEO DOOR IP MANAGER

- o Actuators: Actuators to be activated when the user accesses the building
- o Lift interface configuration: The **Send to** row indicates the association of a lift interface relay to the group that in turn is associated to the access control system where the lift is sent to pick-up a user. Likewise, the **Allow for** row indicates the association of a lift interface relay to a group that in turn is associated to the access control system where the lift is allowed to go.

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5.8.2 USERS

As shown below, the "Users" section contains the list of registered users and the relative data (the Card UID and Key Code). Up to 500 users can be entered in this section unless the system includes a system Server; in this case, the section will not be accessible using the configuration software, but can be controlled (even after system configuration) by means of the ACI (Access Control Interface) service or from the "View Vimar Portal" for remote system management (only if the system has article 40165).



The screenshot shows the '9. Access Control' window in the 'Impianto' environment. The 'Users' section is active, displaying a table of registered users. The table has columns for Name, Card UID, and Key Code. The following table represents the data shown in the screenshot:

Name	Card UID	Key Code
Mario Rossi	45042713d2a26f80	1234
Giuseppe Verdi	45041e17d2a26f80	4321
Donatella Bianchi	45042467d2a26f80	1111
Francesca Verdi	4504216bd2a26f80	2222

The interface also includes a search filter, 'Export to CSV', 'Import from CSV', and 'Add User' buttons. The bottom navigation bar shows various system management options like System, Discovery, Network, Licenses, Device Map, Switchboard, Ownership, Access Control, Push Buttons, Call Codes, Summary, Deploy, and Next.

In particular, users can:

- Add users  and/or modify them  and compile the following fields:
 - o **Name:** name of the user
 - o **Card UID:** ID number of the card assigned to the user
 - o **Key Code:** code to be entered on the keypad
- Add/remove a user to/from an existing group
- Define dedicated user access control rules
- Display the rules inherited from the groups to which the user belongs
- Import the user table from a .CSV file

Example of a .CSV file:

```
USERS;CARD;CODE
User 1;031C8498B6000000;1111
User 2;03BC8294B6000000;2222
User 3;03FC6D98B6000000;3333
```

- Remove  the selected users or all the users in the list
- Export the user table to a .CSV file

The card's ID number can be entered by typing it in the field provided, or can be acquired directly from the card. To do this, a transponder reader device, article 41017, must be connected to the PC used for the VDIPM by means of a USB cable. The message *Transponder ready* appears in the *Edit User* window. When a card is swiped over the reader, the **Card UID** field is compiled automatically.

VIDEO DOOR IP MANAGER

Edit user
✕

Name:

Card UID:

Key Code:

Groups:

- Access group 1
- Access group 2
- Access group parking
- Access group ground floor

Rules: 📄 + Add Rule

Day	From	To	Entrance	Actuator	Lift interface	

Inherited Rules:

Day	From	To	Entrance	Actuator	Lift interface	
All days	00:00	23:59	Keyboard45005 Entrance	--	✓	
All days	00:00	23:59	RFID45004 Entrance	--	✓	
All days	00:00	23:59	Keyboard45005 Entrance	--		
All days	00:00	23:59	RFID45004 Entrance	--		
All days	00:00	23:59	RFID45004 Entrance	--		

Transponder not ready or not connected

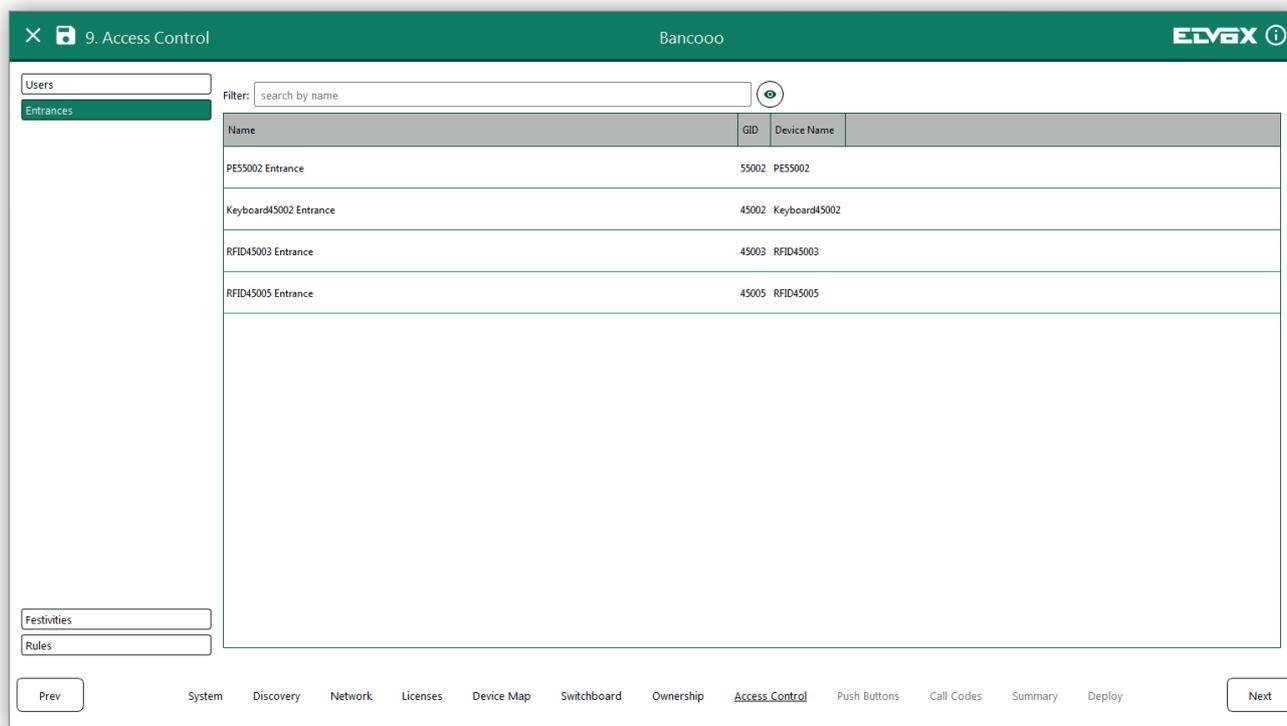
CANCEL SAVE

Note: the transponder Reader must only be connected to the PC. If no readers are connected, the message *Transponder not ready or not connected* will appear in the *Edit User* window.

VIDEO DOOR IP MANAGER

5.8.3 ENTRANCES

Selecting the “Entrances” function opens the list of the access points covered by the access control system, as shown below:



The symbolic name of each entrance  can be edited.

NOTE: As well as the symbolic name, the GID (the code of the device responsible for the entrance) is also displayed. An entrance is not necessarily an actual door or access point but may also identify the device (transponder reader or number keypad) on which an action has taken place (swiping of a card or typing of a key code).

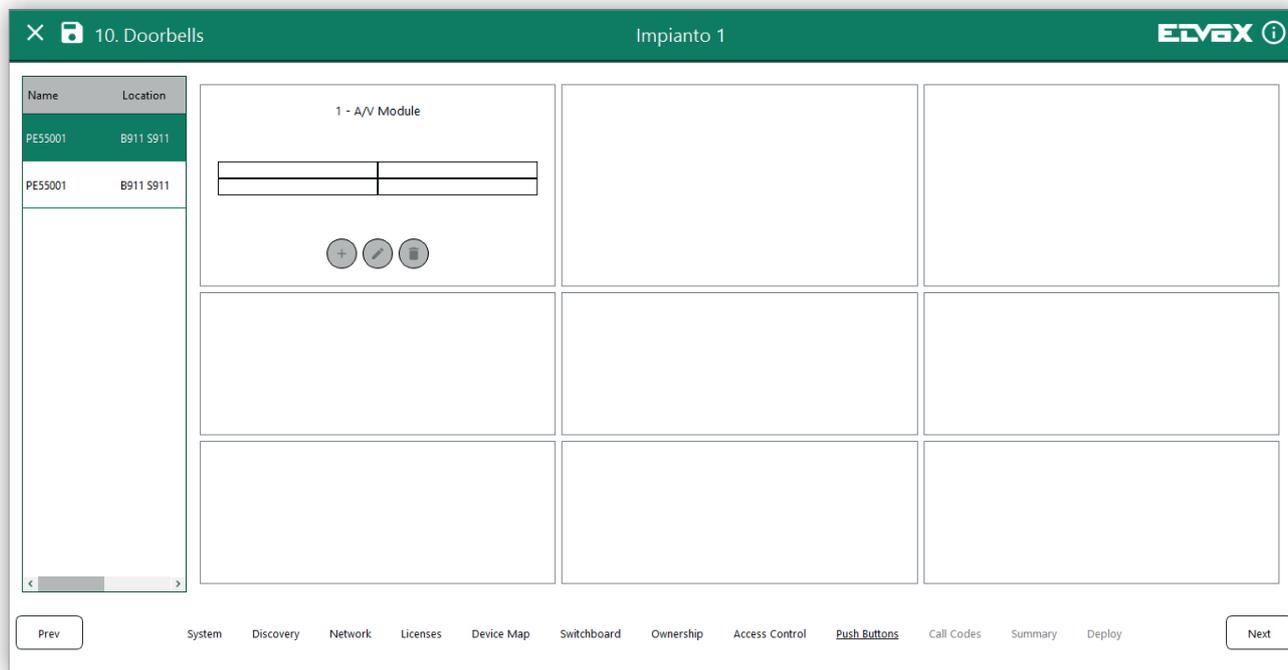
5.8.4 PUBLIC HOLIDAYS

This section ("Festivities"), displays the list of all the Sundays and public holidays set in the system; public holidays can also be added or removed.

VIDEO DOOR IP MANAGER

5.9 DOORBELLS

This section controls the configuration of the push button panels incorporated in the system's entrance panels.



The entrance panels and their respective locations appear on the right, while the map on the right represents the constituent modules of the selected entrance panel. The module locations are purely guideline and the installer can modify them by means of a Drag&Drop, for the sole purpose of ensuring that the map actually represents the configuration created during installation of the entrance panel.

The user may:

- Select one or more panels to be associated to a specific action.
NOTE: to select more than one panel, proceed from the top downwards and from left to right (clockwise). If this order is not complied with, the selections will be cancelled.
- Add an association by clicking . This will open a window in which a drop-down menu can be used to choose whether to associate a call to a apartment or a switchboard, or activation of an actuator, to a press on the button. Select **SAVE** to save the changes made.
- Modify the association  after selecting the relevant boxes.
NOTE: it is sufficient to select a single type of associated box; the other boxes of the same type will automatically be included in the selection
- Delete  the association

VIDEO DOOR IP MANAGER

5.10 CALL CODES

The system automatically assigns a call code to each apartment, entrance panel and switchboard (*Automatic Coding* mode). Alternatively, the installer can choose the *Manual* or *Topological Coding* modes

Name	Type	Location	Call Codes
Appartamento B1	40607 - TAB 7S	B002 S001 F001	211
Appartamento B2	40607 - TAB 7S	B002 S001 F002	212
Appartamento B3	40607 - TAB 7S	B002 S001 F003	213
Appartamento B4	40607 - TAB 7S	B002 S001 F004	214
Appartamento C1	40607 - TAB 7S	B003 S001 F001	311
Appartamento C2	40607 - TAB 7S	B003 S001 F002	312
Appartamento C3	40607 - TAB 7S	B003 S001 F003	313
Appartamento C4	40607 - TAB 7S	B003 S001 F004	314
Appartamento D1	40607 - TAB 7S	B004 S001 F001	411
Appartamento D2	40607 - TAB 7S	B004 S001 F002	412
Appartamento D3	40607 - TAB 7S	B004 S001 F003	413
Appartamento D4	40607 - TAB 7S	B004 S001 F004	414
Appartamento E1	40607 - TAB 7S	B005 S001 F001	511
Appartamento E2	40607 - TAB 7S	B005 S001 F002	512

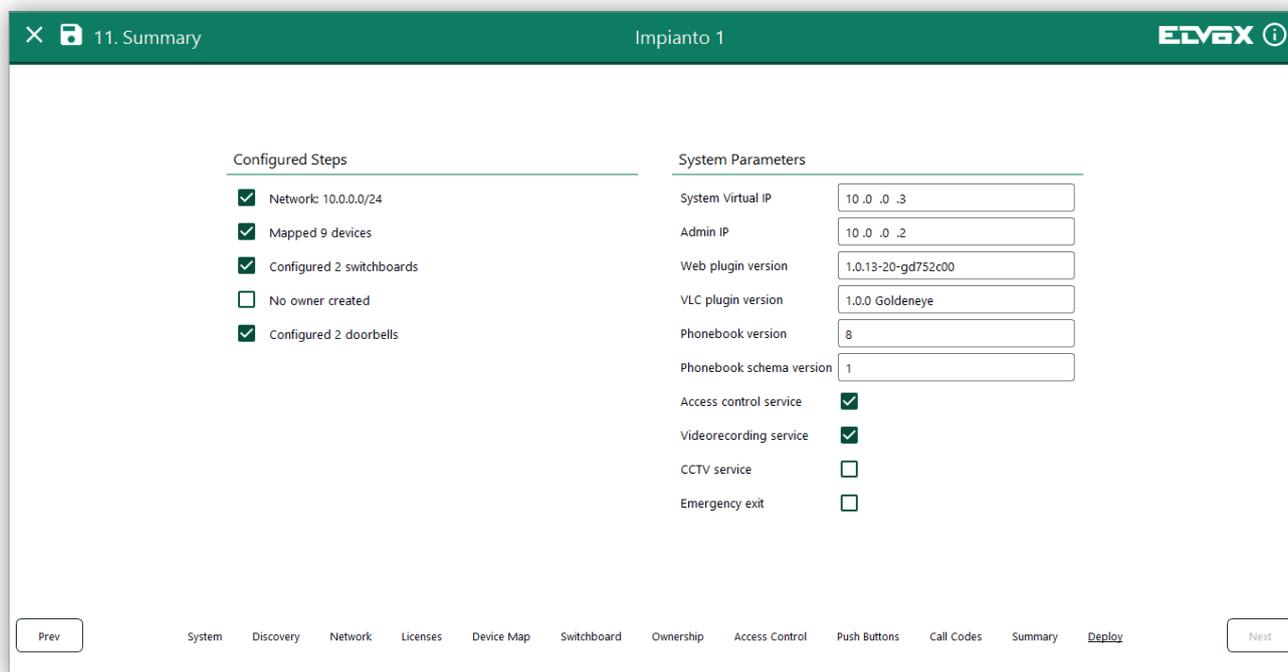
Manual Coding: the *Call Codes* field can be edited for each line of the table (apartments, panels, switchboards). The installer can enter any code provided it is unique. The *Check* button checks that the codes are unique, signalling any errors.

Topological Coding: each apartment, panel and switchboard is automatically assigned a call code on the basis of the system topology. The installer can choose the number of digits to use for each topological element: building (B), stair (S), apartment (F).

VIDEO DOOR IP MANAGER

5.11 SUMMARY

This section comprises a screen providing an overview of the settings made in the previous phases.



The **Configured Steps** box contains the steps configured, which comprise:

- The range of networks configured
- The number of devices mapped
- The number of switchboards configured
- The number of Ownership groups created
- The number of entrance panels configured

The right side of the screen contains information about configuration of the system parameters:

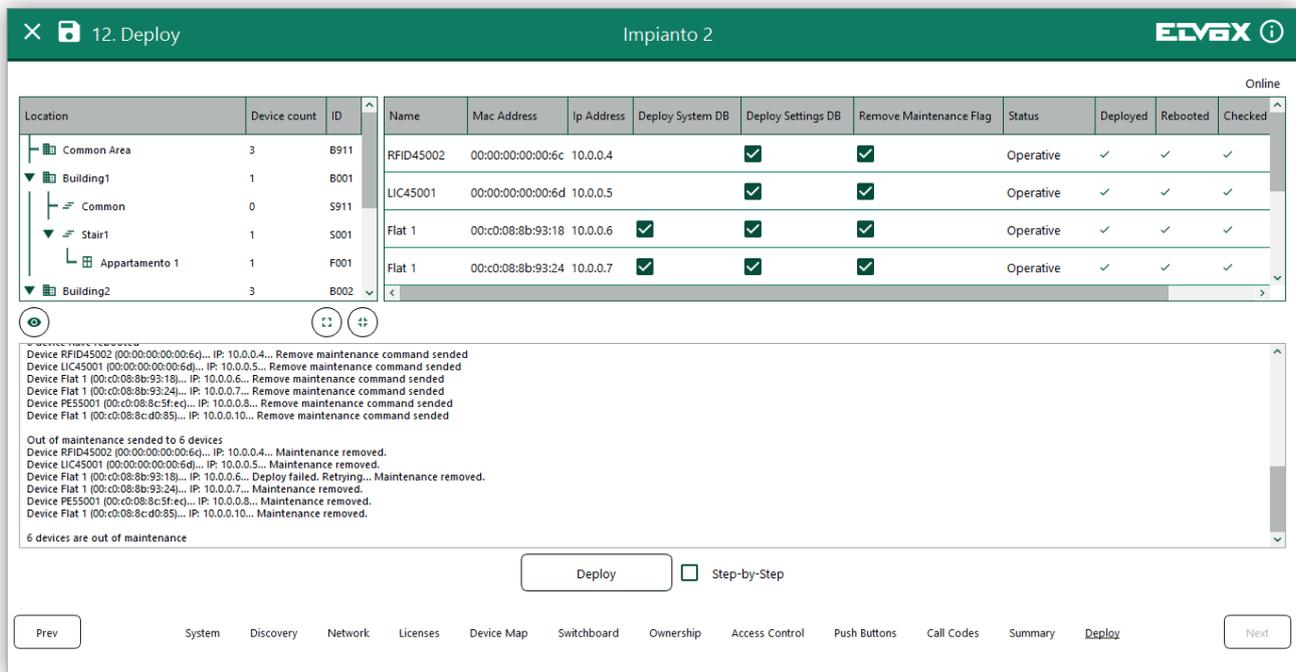
- **System Virtual IP:** virtual IP address configured in the system
- **Admin IP:** IP address of the installer workstation
- **Web plugin version**
- **VLC plugin version**
- **Phonebook version:** version of the phonebook currently in the system
- **Phonebook schema version**
- **Access control service:** indicates whether or not the access control service is present
- **Access control service:** indicates whether or not the videorecording service is present for the switchboards
- **CCTV service:** indicates whether or not the CCTV security service is present
- **Emergency exit:** indicates whether or not the entrance control function is present

The user can go back (**Prev**) to change the settings or continue to the Deploy step by selecting **Next**.

VIDEO DOOR IP MANAGER

5.12 DEPLOY

In the final, Deploy, section, the configurations made in the previous steps are transferred to the video intercom service to render it operational. This final step is illustrated below:



Location	Device count	ID	Name	Mac Address	Ip Address	Deploy System DB	Deploy Settings DB	Remove Maintenance Flag	Status	Deployed	Rebooted	Checked
Common Area	3	B911	RFID45002	00:00:00:00:00:6d	10.0.0.4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operative	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Building1	1	B001	LIC45001	00:00:00:00:00:6d	10.0.0.5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operative	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Common	0	S911										
Stair1	1	S001	Flat 1	00:c0:08:8b:93:18	10.0.0.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operative	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Appartamento 1	1	F001	Flat 1	00:c0:08:8b:93:24	10.0.0.7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operative	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Building2	3	B002										

Log messages:

```

Device RFID45002 [00:00:00:00:00:6d]... IP: 10.0.0.4... Remove maintenance command sent
Device LIC45001 [00:00:00:00:00:6d]... IP: 10.0.0.5... Remove maintenance command sent
Device Flat 1 [00:c0:08:8b:93:18]... IP: 10.0.0.6... Remove maintenance command sent
Device Flat 1 [00:c0:08:8b:93:24]... IP: 10.0.0.7... Remove maintenance command sent
Device PES5001 [00:c0:08:8c:3f:ed]... IP: 10.0.0.8... Remove maintenance command sent
Device Flat 1 [00:c0:08:8c:d0:85]... IP: 10.0.0.10... Remove maintenance command sent

Out of maintenance sent to 6 devices
Device RFID45002 [00:00:00:00:00:6d]... IP: 10.0.0.4... Maintenance removed.
Device LIC45001 [00:00:00:00:00:6d]... IP: 10.0.0.5... Maintenance removed.
Device Flat 1 [00:c0:08:8b:93:18]... IP: 10.0.0.6... Deploy failed. Retrying... Maintenance removed.
Device Flat 1 [00:c0:08:8b:93:24]... IP: 10.0.0.7... Maintenance removed.
Device PES5001 [00:c0:08:8c:3f:ed]... IP: 10.0.0.8... Maintenance removed.
Device Flat 1 [00:c0:08:8c:d0:85]... IP: 10.0.0.10... Maintenance removed.

6 devices are out of maintenance
  
```

The hierarchical map of the system appears in the left of the screen.

The right panel contains the word **ONLINE** or **OFFLINE** to indicate the editing mode being used, and the list of devices with the following details:

- **Name:** Name of the devices
- **Mac Address:** MAC address of the device
- **IP Address:** IP address to be assigned to the device
- **Deploy System DB:** Option which enables or disables updating of the system databases (e.g. phone book, time slots and access control) on the chosen device
- **Deploy Settings DB:** Option which enables or disables updating of the device settings database
- **Remove Maintenance Flag:** Option for removing or maintaining the maintenance flag on the device after the Deploy step
- **Status:** Current status of the device
- **Deployed:** Indicates whether database deployment has been successfully concluded for the specific device
- **Rebooted:** Indicates whether the reboot has been successfully concluded for the specific device
- **Checked:** Indicates whether the checking phase has been successfully concluded for the specific device; in this phase, the system checks that the device's IP address is the same as the one set, displayed in the "IP Address" column

After setting the above parameters, select **Deploy** to start the deployment phase. The **Step-by-Step** option can be selected to subdivide the deployment phase into steps, allowing the procedure to be carried out in step-by-step mode, with confirmation from the user for each step.

The phases in the Deployment procedure can be summarised as follows:

- 1) Sending of the databases to the various devices in accordance with the options chosen; completion is indicated in the Deployed column
- 2) Sending of the reboot command to the devices, indicated in the Rebooted column
- 3) Wait of about 2 minutes to allow the devices to reboot
- 4) Checking of the IP address of each device, indicated in the Checked column
- 5) Removal of the Maintenance flag, if requested by the user, to switch from non-operational to operational configuration

The progress of the Deployment phase is shown in real time in the box in the bottom of the screen.

When the update is complete, the installer is asked whether or not he wishes to configure the system date and time.

NOTE: On completion of the Deployment phase, the project must be shut down and then reopened in 'Editing Online' mode to allow changes and additional Deployments.

VIDEO DOOR IP MANAGER

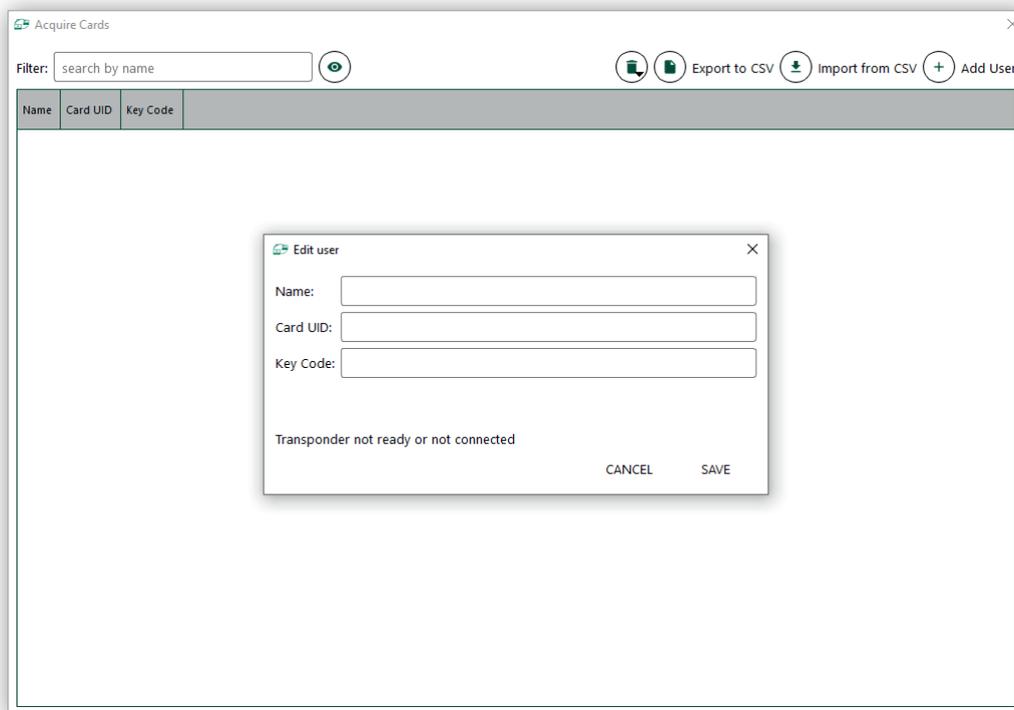
5.12.1 DEPLOY OFFLINE

The Deployment settings cannot be deployed in editing offline mode, since there is no connection to the video intercom system. To proceed with the Deployment, the user must click  next to the OFFLINE label and confirm synchronisation of the system with the settings entered by the software. After synchronisation, the Deployment phase can be activated.

NOTE: If discrepancies are detected during synchronisation, the configuration software may offer the synchronisation wizard (see point 4.2.5.1).

6 ACCESS CONTROL USER LIST

Select the New Access Control User List option from the Add menu (<icon> button in menu bar, point 4.4.1).



A user database (names, card IUDs, key codes) can be entered without first creating a project. The database can be saved on file (Export to CSV) and then imported for supplementation/editing, even in a system project.

In particular, users can:

- Add and/or modify users and fill in the following fields:
 - o **Name:** name of the user
 - o **Card UID:** ID number of the card assigned to the user
 - o **Key Code:** code to be entered on the keypad

- Import the user table from a .CSV file

Example of a .CSV file:

USERS;CARD;CODE

User 1;031C8498B6000000;1111

User 2;03BC8294B6000000;2222

User 3;03FC6D98B6000000;3333

- Export the user table to a .CSV file
- Remove the selected users or all users in the list

7 TROUBLESHOOTING

The following is a summary of some problems or errors which might emerge with use of the program, and how to resolve them.

SECTION	PROBLEM	CAUSE	SOLUTION
GENERAL SETTINGS	It is not possible to proceed to the configuration sections of the individual project	The settings on the page might not be complete	Complete the settings and select Next.
	Error: "Plant must be in maintenance to view its configuration offline"	The system to be edited in offline mode is actually in "Configured" state.	Return the system to Maintenance or Not Configured mode.
NETWORK	Impossible to remove the Reserved tick from the IP address	The IP address is associated to a particular configuration address (IP address, subnet mask, gateway, ADMIN in advance IP or VIP)	Edit the address in manual mode from the System Configuration box. The tick will then be removed from the column automatically.
MAP OF DEVICES	Some devices in the list are marked in red or yellow and it is not possible to proceed with configuration.	The devices marked in red have not yet been assigned to a location	Assign the device to a location by dragging it into the left-hand menu
LICENCES	The screen shows the alert: "Error during the communication with the License Server!"	Licence server communication error	Check that article 40638 is connected to the system correctly
SWITCHBOARD	Error: "Cannot save a type of day that is not linked to a Centralino"	A Time Slot cannot be added unless a switchboard to associate it to has been created first	Click the Switchboard function and add a switchboard
	Error: "There are no type of day associated to this switchboard. Time slots mode cannot be set"	No Time Slots have yet been set	Access the "Time Slots" function and create one
	It is not possible to add a switchboard	The necessary licences are not present	Return to the Licences section and enable a licence
	Error: "Cannot insert CCTV on a playlist of devices"	The playlist consists of a combination of entrance panels	Playlists must be "single-type", consisting of only entrance panels or only CCTV cameras.
DOORBELLS	It is not possible to select more than one box on the entrance panel	The selection order has not been complied with	To select more than one box, proceed from the top downwards and from left to right (clockwise).

If you need to reset the factory settings of a previously configured TAB 7S IP device (40607), enter into device Settings menu, System, and select Factory Reset. The password required to confirm the reset is: 0X2A.

VIDEO DOOR IP MANAGER

8 Appendix

In order to easily configure a lift interface, assume always the following behavior:

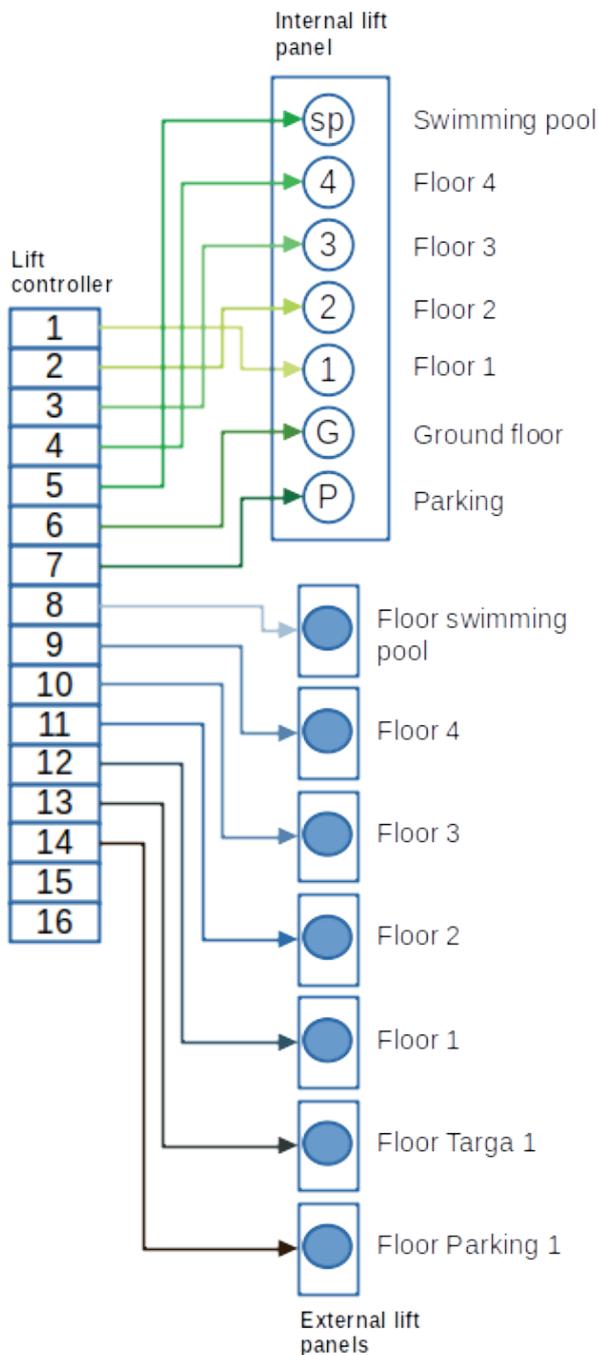
Send the lift to the location of device A to pick-up a user; then allow it to reach the location of device B where the user will be taken.

In the first part of the sentence **the lift is sent to pick-up a user** by activating the relay that is wired to the lift's external panel in the floor where *device A* is located; while the second part of the sentence means that **the lift has the permission to access** the final destination by activating a relay that is wired to the lift's internal panel.

Notice that there can be several final destinations and therefore several relays that are wired to the lift's internal panel can be activated simultaneously.

The following examples that can clarify the above behavior assume the wiring of the next diagram in which the lift interface relays 1-7 are wired to the lift's internal panel and the relays 8-14 are wired to the lift's external panels:

Physical wiring



VIDEO DOOR IP MANAGER

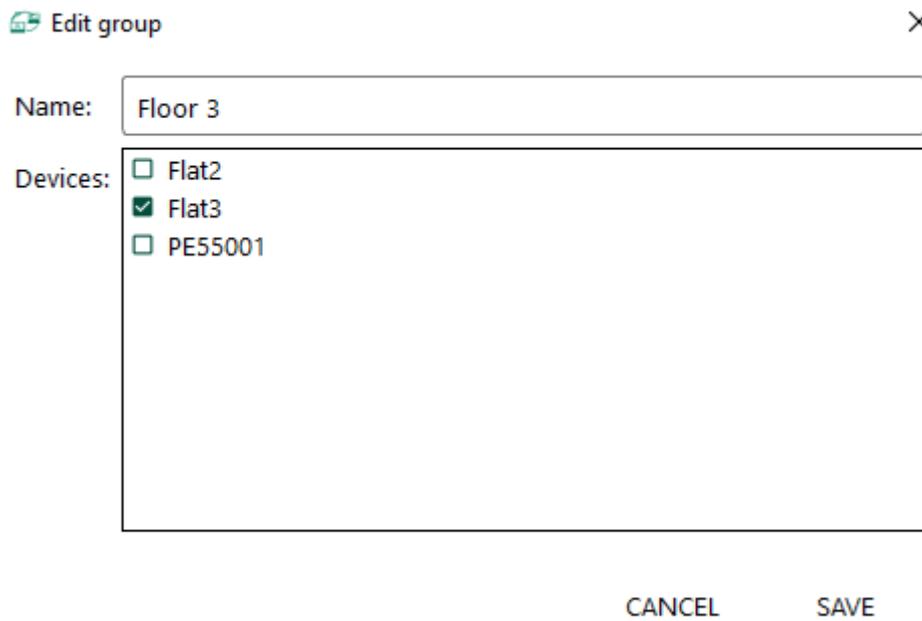
8.1 Example 1

A resident that lives in apartment 301 at the third floor calls the lift from his indoor device for going out of the building. Once he gets in the lift, he can go to the entrance panel floor or to the parking floor.

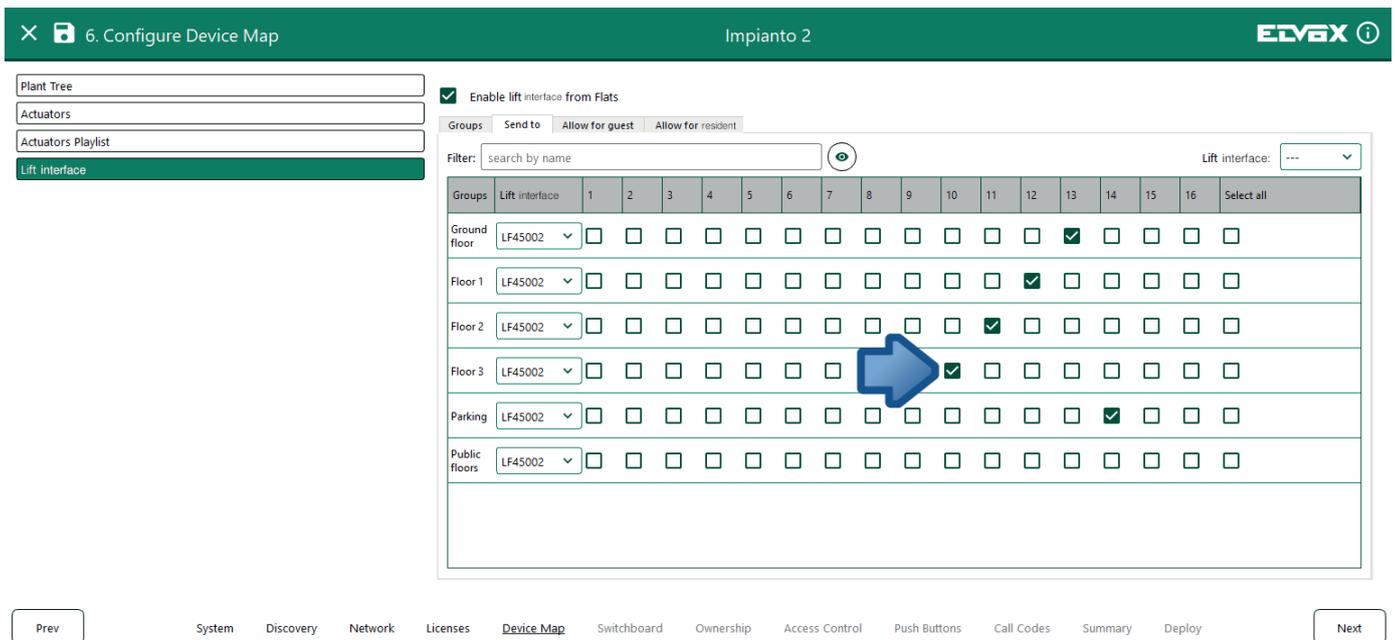
When the resident calls the lift from his indoor device, named *Flat3*, the relay 10 that is activated sends the lift to the third floor and the relays 6 and 7 that are also activated allows him to go to the entrance panel and parking floors, respectively.

The configuration for obtaining this behavior is the following:

In the *Groups* tab inside the *Devices Map* → *Lift interface* section, create the group *Floor 3* that contains the indoor device *Flat3*. The below image shows the creation of the *Floor 3* group with the indoor device *Flat3* as its only element:



In the next tab, *Send to*, set the check-box *[Floor 3, relay 10]*. This will send the lift to the floor of the indoor device *Flat3*:



Finally, in the *Allow for me* tab, set the check-boxes *[Floor 3, relays 6]* and *[Floor 3, relay 7]*. This will allow the lift to go to the location of the main entrance panel (the ground floor) and to the location of the secondary entrance panel (the parking floor). Any other location will not be available.

✕ 6. Configure Device Map
Impianto 2 ELVOX ⓘ

Plant Tree
 Actuators
 Actuators Playlist
Lift interface

Enable lift interface from Flats

Groups
Send to
Allow for guest
Allow for resident

Filter: Lift interface: --- ▾

Groups	Lift interface	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Ground floor	LF45002 ▾	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 1	LF45002 ▾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Floor 2	LF45002 ▾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Floor 3	LF45002 ▾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Parking	LF45002 ▾	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public floors	LF45002 ▾	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Prev
System Discovery Network Licenses Device Map Switchboard Ownership Access Control Push Buttons Call Codes Summary Deploy
Next

Notice that the *Allow for me* tab is used to give permissions to the residents only.

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VIDEO DOOR IP MANAGER

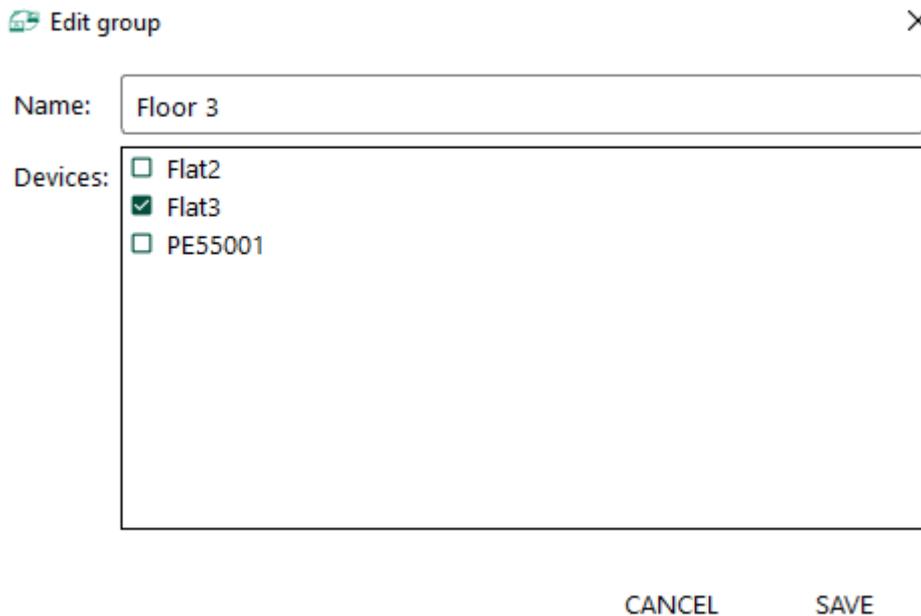
8.2 Example 2

A guest arrives and enters the calling code for the apartment 301 at the third floor where the resident lives. The resident answers and calls the lift from his indoor device. The lift goes down to the entrance panel floor to pick-up the guest. Once the guest is inside the lift, he can only activate the third floor, other floors will not be available.

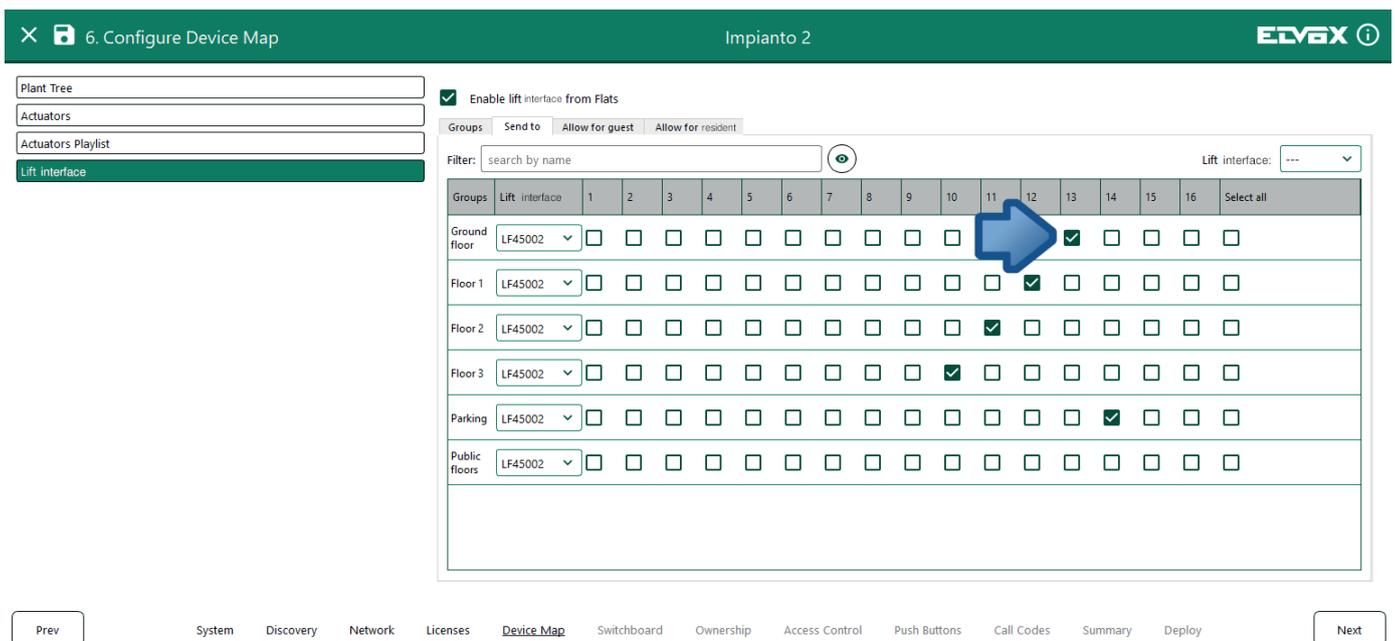
When the resident calls the lift from this indoor device, named *Flat3*, to pick-up the guest, the relay 13 that is activated sends the lift to the entrance panel floor and the relay 3 that is also activated allows the guest to reach only the third floor.

The configuration for obtaining this behavior is the following:

In the *Groups* tab inside the *Devices Map* → *Lift interface* section, create the group called *Floor 3* that contains the indoor device *Flat3*. The below image shows the creation of the *Floor 3* group with the indoor device *Flat3* as its only element:



In the next tab, *Send to*, set the check-box in row [*Ground floor, relay 13*]. This will send the lift to the floor of the entrance panel device:



Finally, in the *Allow for guest* tab, set the check-box [*Floor 3, relay 3*]. This will allow the lift to go to the third floor where the device *Flat3* resides . Any other floor will not be available.

6. Configure Device Map Impianto 2 **ELVOX**

Plant Tree
Actuators
Actuators Playlist
Lift interface

Enable lift interface from Flats

Groups **Send to** Allow for guest Allow for resident

Filter: search by name Lift interface: ---

Groups	Lift interface	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Ground floor	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 1	LF45002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 2	LF45002	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 3	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>													
Parking	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public floors	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Prev System Discovery Network Licenses **Device Map** Switchboard Ownership Access Control Push Buttons Call Codes Summary Deploy Next

Notice that the *Allow for guest* tab is used to give permissions to the guests only.

VIDEO DOOR IP MANAGER

8.3 Example 3

A hotel guest has a magnetic card for entering his room in the third floor. The card also allows him, when swiped inside the lift's card reader, to go to his floor in the case that he is entering the hotel or to go to any public floor in the case he wants to exit the hotel by foot through the reception in the ground floor or by car in the parking floor or in the case he wants to go to the swimming pool. The card doesn't give permissions to reach any other place.

The guest always calls the lift by pressing an external lift panel button at any floor. Once the guest is inside the lift and swipes the card, the relays 3, 5, 6 and 7 that are activated allows him to go to his floor, the swimming pool, the reception or the parking , respectively.

The configuration for obtaining this behavior is the following:

In the *Access Control* menu, create the group *Hotel guests* that includes the users *Room 1* and *Room 2* that were previously created as well as the *Keyboard45005 Lift* device that is a card reader:

Edit group
×

Name:

Users:

- Room 101
- Room 102

Rules:

Add Rule

Day	From	To	Entrance	Actuator	Lift interface
All days	00:00	23:59	Keyboard45005 Lift	--	✓

CANCEL SAVE

Then, in the rules section at the bottom edit the rules for the *Keyboard45005 Lift* device.

The second row in the table at the bottom, called *Allow*, set the check-boxes of relays 3, 5, 6 and 7. This will allow the lift to go to the third floor, the swimming pool, the reception and the parking. Any other floor will not be available.

Edit Rule
×

Entrance:

Day of week:

From:

To:

Actuators:

- Keyboard45005 actuator
- PE55001 actuator AV
- Rele45006 actuator 1
- Rele45006 actuator 2
- RFID45004 actuator

Commands	Lift interface	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Send to	<input type="text" value="LF45002"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allow	<input type="text" value="LF45002"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									

CANCEL SAVE

VIDEO DOOR IP MANAGER

8.4 Example 4

Two residents that live in apartment 201 at the second floor and in apartment 301 at the third floor call the lift from their indoor devices for going out of the building at different moments. Once they get in the lift, they can go to the entrance panel floor or to the parking that are considered public floors.

The configuration for obtaining this behavior is the following:

Like in example 1, in the *Groups* tab inside the *Devices Map* → *Lift interface* section, create the groups *Floor2* and *Floor3* that contain the indoor devices *Flat2* and *Flat3*, respectively. Again, like in example 1, enable the relays in the tab *Send to* that will pick-up the residents at their respective floors.

Now create a group called *Public floors* to which *Flat2* and *Flat3* belong to:

Then in the *Allow for resident* tab, instead of setting the check-boxes in the *Floor 2* and *Floor 3* like in the previous examples, set the check-boxes [*Public floors, relays 6*] and [*Public floors, relay 7*]. This will allow the lift to go to the location of the entrance panel floor and to the parking to all the devices that belong to the *Public floors* group that in this case are *Flat2* and *Flat3*. Any other location will not be available.

Groups	Lift interface	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Select all
Ground floor	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Floor 1	LF45002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 2	LF45002	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floor 3	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parking	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Public floors	LF45002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>											

As can be seen, instead of giving access permission to each single group, in this case *Floor2* and *Floor3*, that can be error-prone or cumbersome when there are dozens of groups, with just one single group dedicated just to access permissions, in this case *Public Floors*, it is possible to give permissions to several devices that belong to different groups.



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