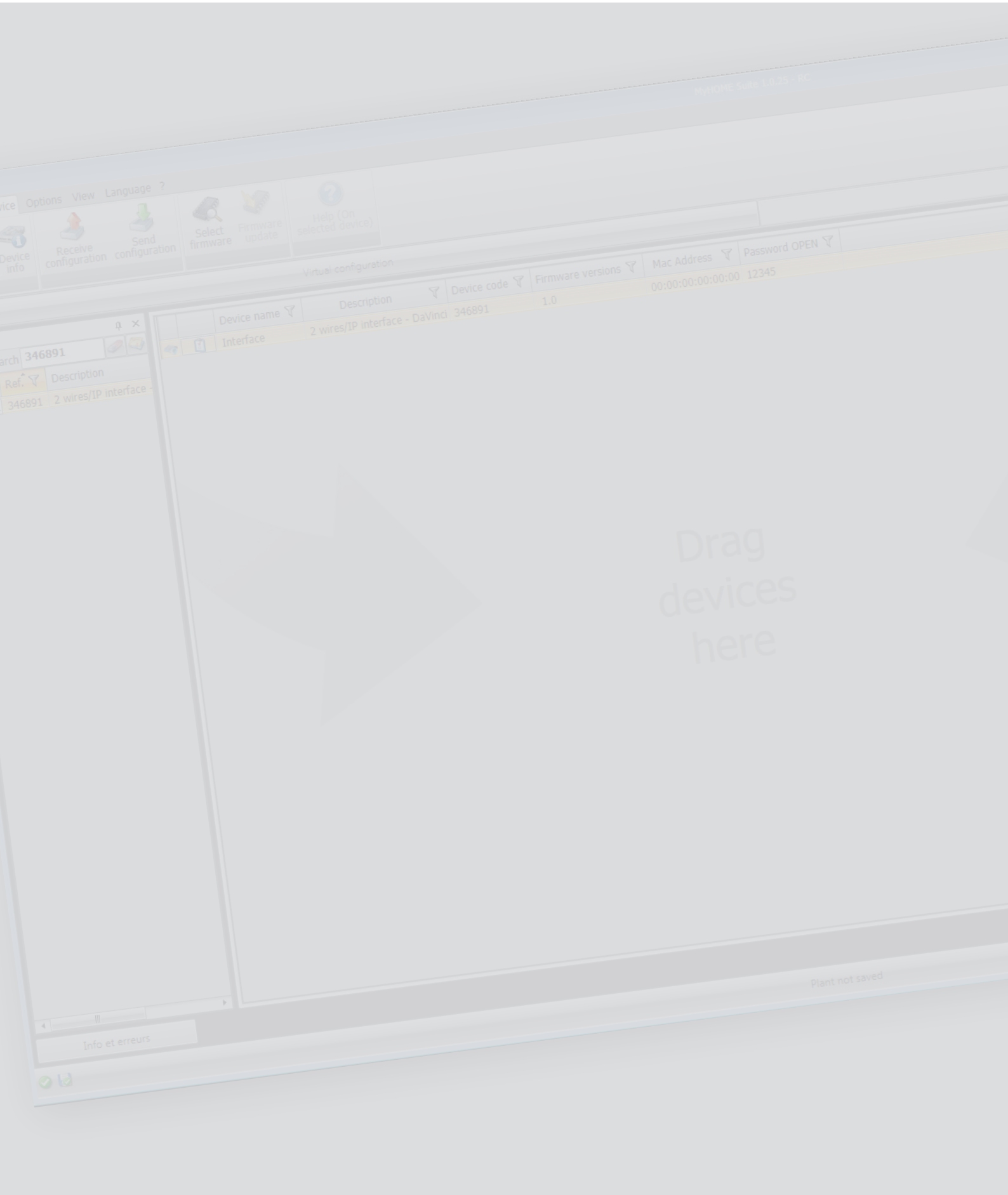


2 wires/IP interface

Software Manual



Content

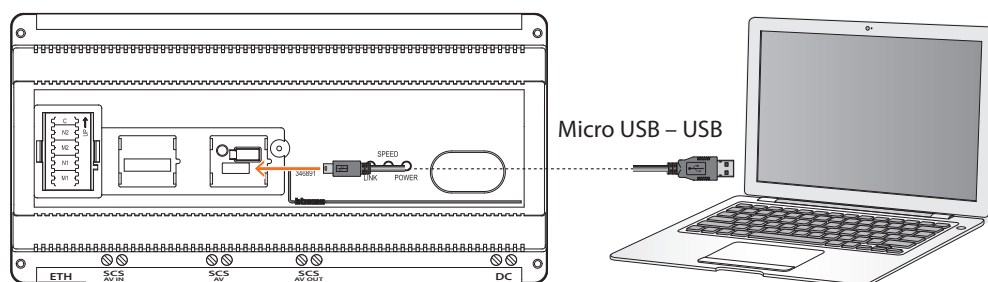
Start	4
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Start

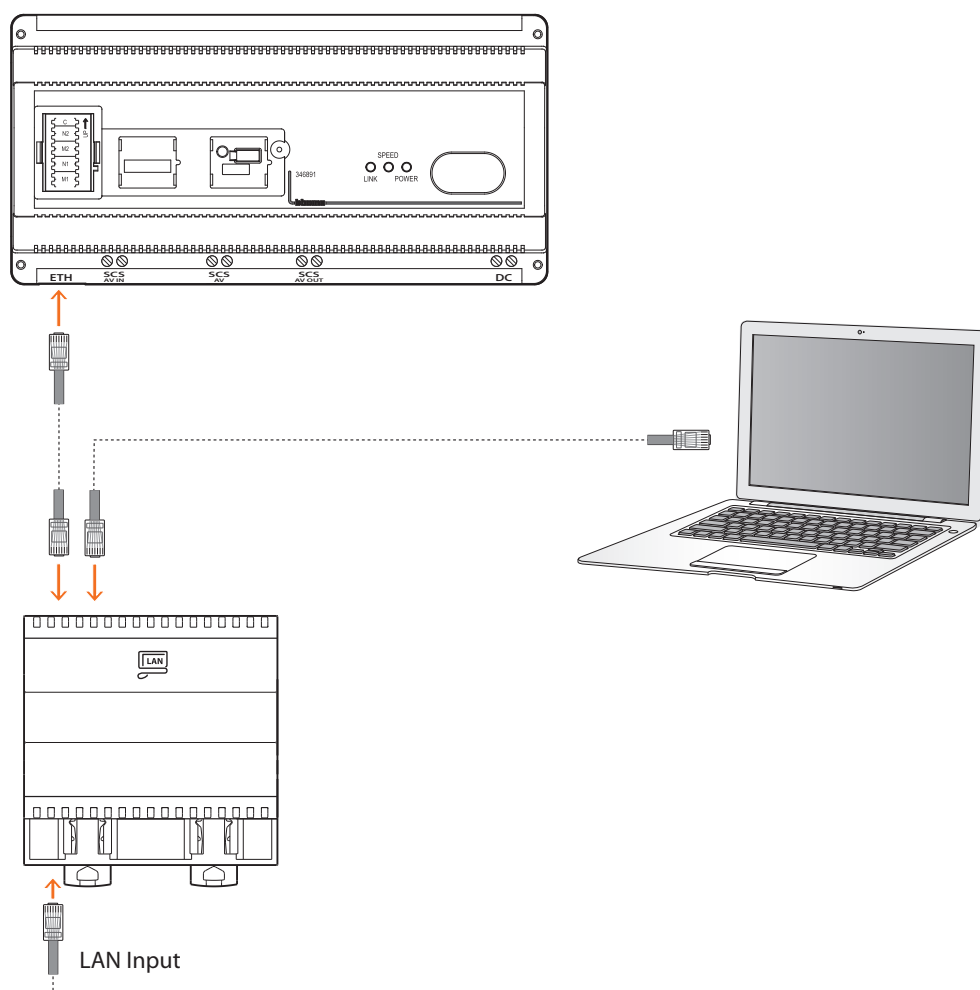
Interaction with the device

To [Send](#) or [Receive the Configuration](#), [Update the Firmware](#), and [Request Device Info](#), it is first of all necessary to connect the device to a PC, and make sure that the right port has been selected. Connect the IP interface to the PC using a USB-miniUSB cable, or an Ethernet cable. For communication to take place, the device must be connected to the BUS.

USB CONNECTION



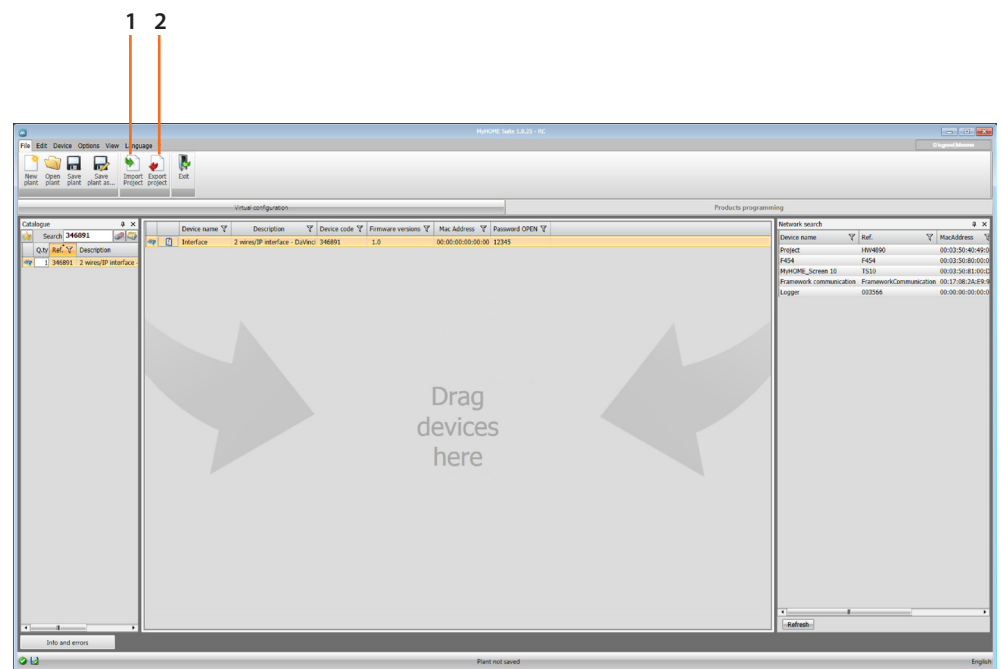
ETHERNET CONNECTION



Device configuration

The device can be configured by creating a new project, or by opening and existing one, which can then be changed and resent to the device. These operation can be performed inside the global area of the software, using some dedicated device management pushbuttons:

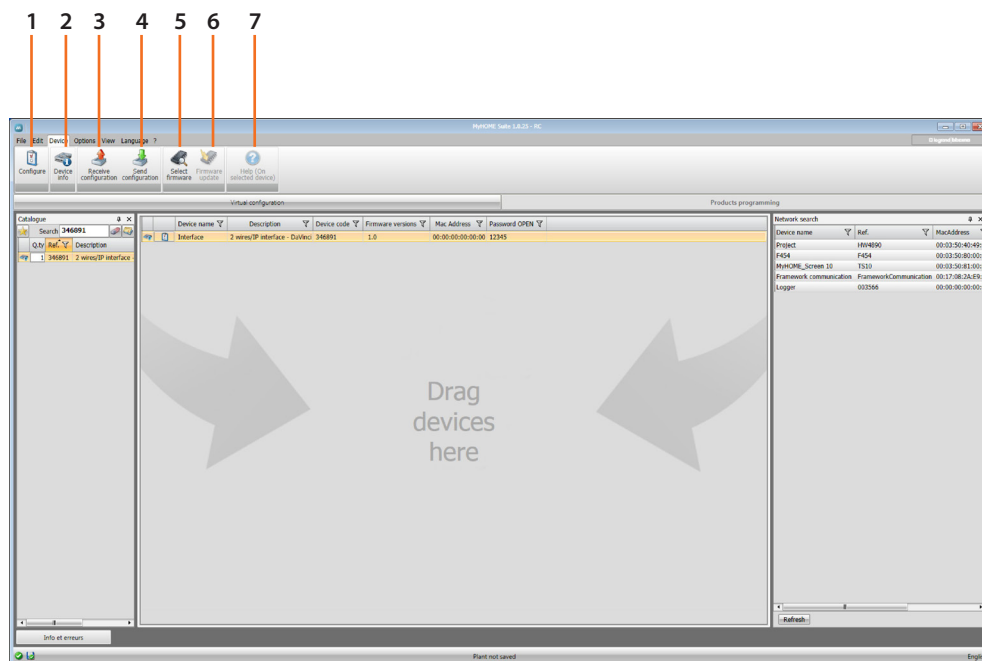
File Menu



1. [Import project](#)
2. [Export project](#)

To import or export the configuration project created in the specific area, select the device, and click the corresponding key.

Device Menu

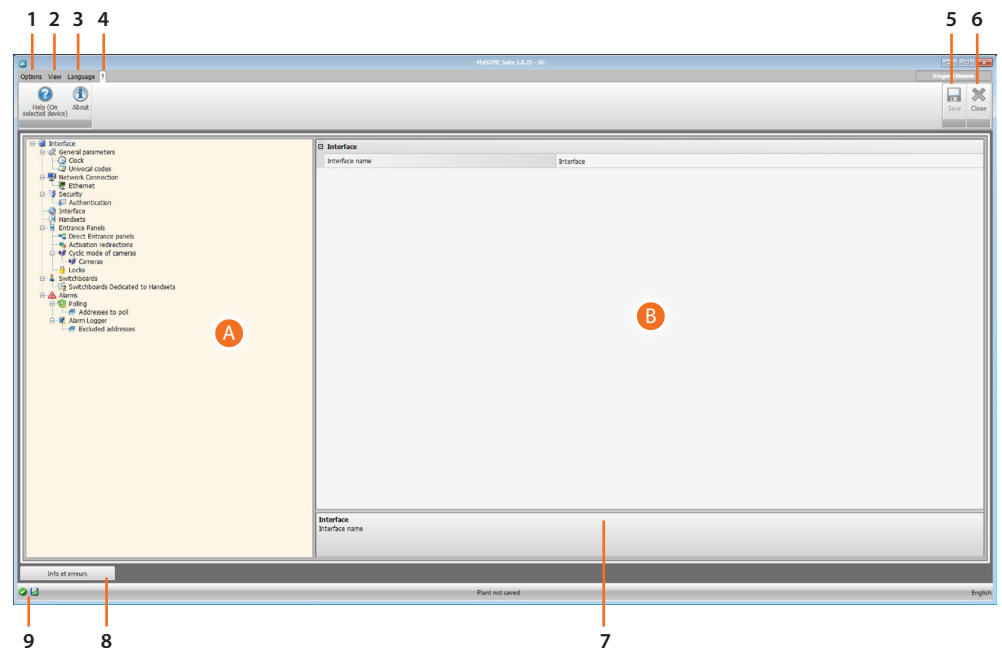


1. Open the specific device configuration area.
2. Request Device Info.
3. Receive the configuration from the connected device.
4. Send the configuration to the connected device.
5. Select a firmware for the device.
6. Update the device firmware.
7. Open the Help file for the device selected.

To interact with the device, first select it, and then click the desired function keys.

Home page

The user accessing the program is taken to the start page, which shows all the configuration parameters. The screen essentially consists of 2 sections: on the left side (A) are the parameters and the functions to configure, organised in a tree structure. Based on the selection made, the section on the right (B) shows the fields to select or insert.



1. Options.



Disable automatic save

2. View.

Info and errors

Show/hide the info and error area



Reset the default settings

3. Language.

Select the software interface language

4. Display the device Help icons ? and some software information i .

5. Save the project.

6. Return to the global area.

7. Function description.






8. Open the section showing any information, or error messages.

9. File save display.

Common configurations

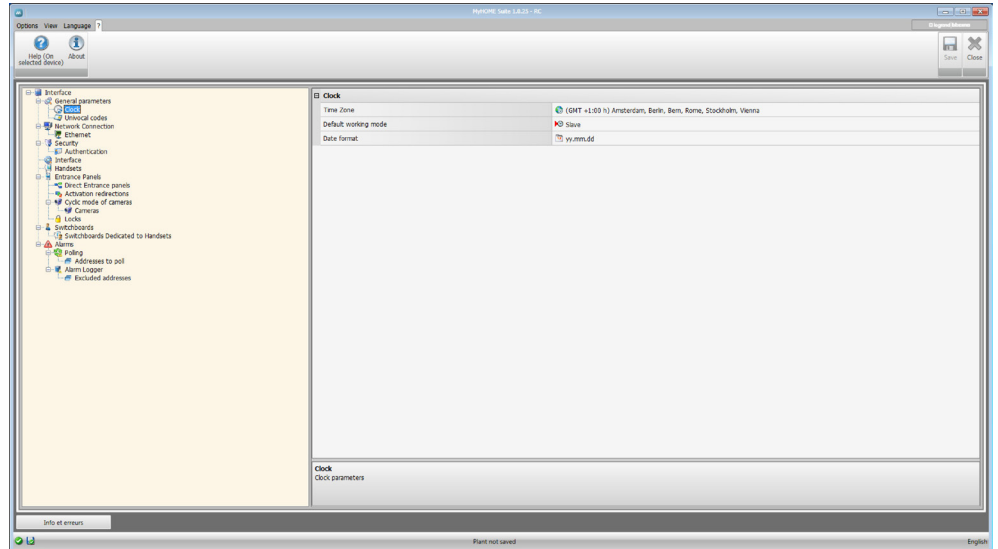
This section explains the configurations found in all the item configuration screens.

Object inclusion

	Add
	Clear the selection
	Clear all
	Move the selection up
	Move the selection down

General parameters

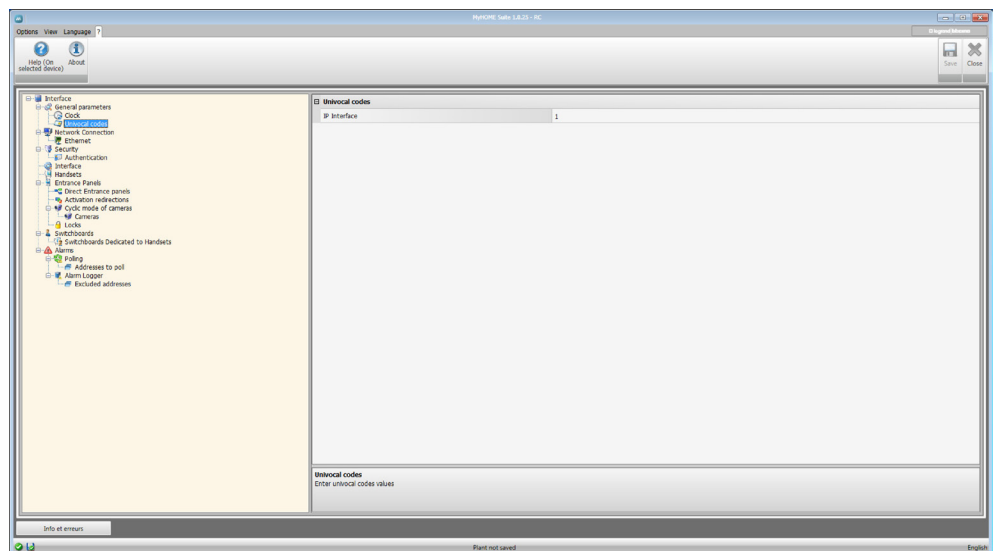
Clock



Configuration:

- **Time zone:** select the correct time zone for the geographical area you live in.
- **Default working mode:** If set as Master, the clock of the device will be used as time reference by all other system devices. If set as Slave, the device will receive the time update by the Master device of the system. Master dell'impianto.
- **Date format:** Select the date display format from the following ones: dd:mm:yy - mm:dd:yy - yy:mm:dd

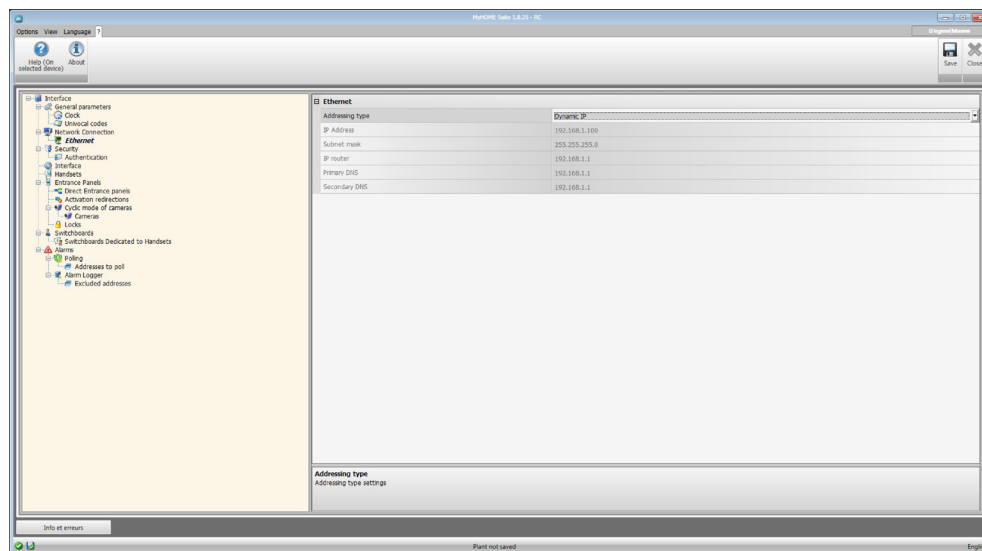
Univocal codes



- **IP interface:** Assign a univocal address for the IP interface (from 1 to 100000).

Network connections

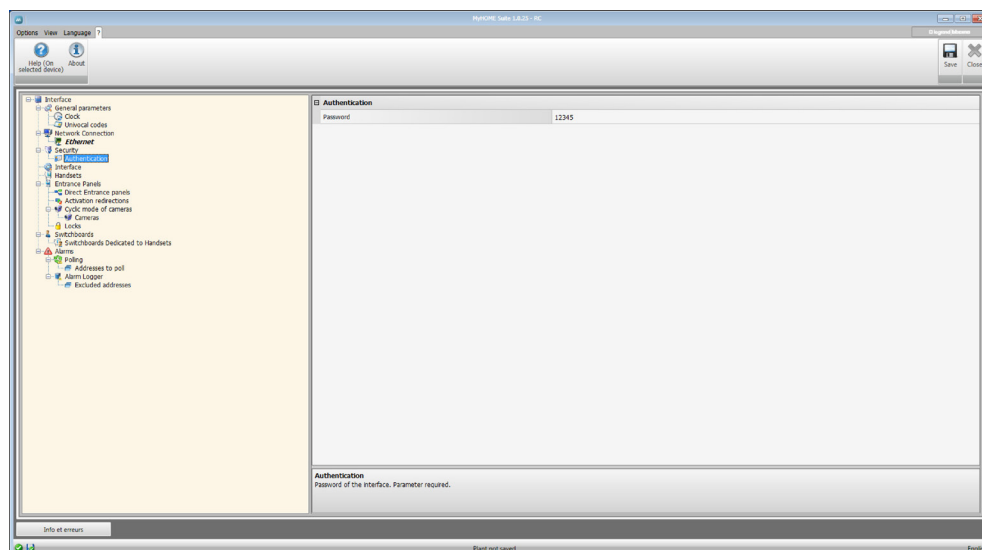
Ethernet



Select the type of addressing based on the parameters of the actual network.

Safety

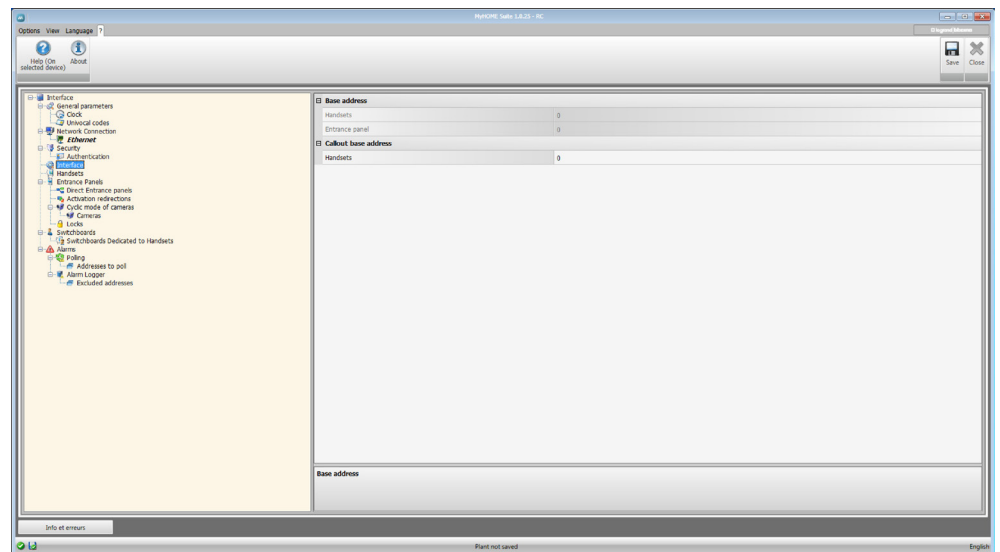
Authentication



Configuration:

- **Password:** Access to the device is password protected (default 12345) to prevent unauthorised users from changing the configuration (min 5 - max 9 digits).

Interfaces



Configuration:

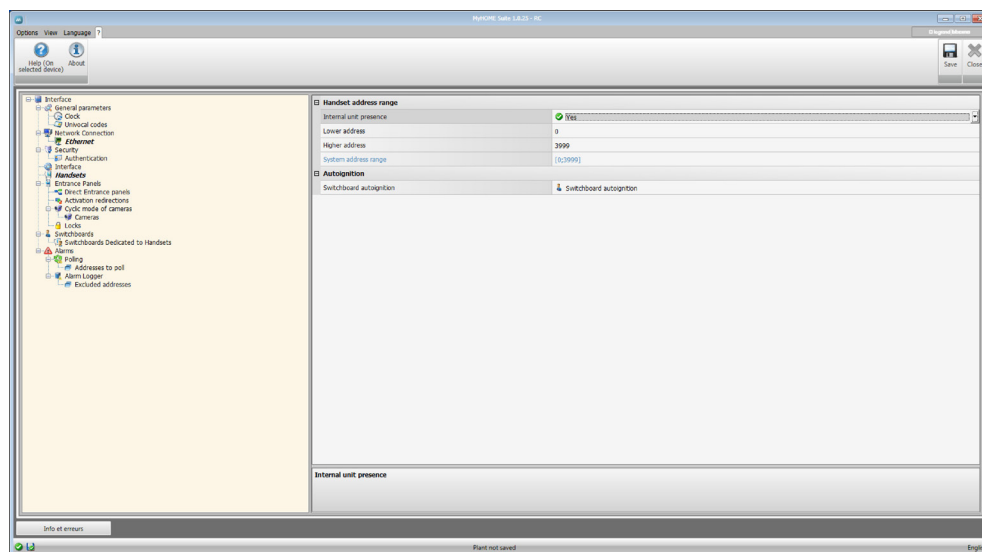
- **Base address:** These addresses allow unlimited increase of the number of handsets (basic max. 3999) and Entrance Panels (basic max. 95), that can be managed by the video door entry system;
 - Handsets:

Enter the value which, when added to the physical address of the handsets connected to the interface, will define their system address (e.g. if the handsets are configured from 1 to 3999, and the value of 4000 is entered, the system address of the handsets will be between 4001 and 7999).
 - Entrance panel

Enter the value which, when added to the physical address of the EP connected to the interface, will define their system address (if the EP are configured from 1 to 90, and the value of 90 is entered, the system address of the handsets will be from 91 to 180).
- **Callout base address:**
 - Handsets

The value to be added to the incoming call from the interface Entrance Panel (e.g. if the EP is configured to call handsets from 1 to 900, by entering the value 1000, the EP will call the handsets with system address between 1001 and 1900).

Handsets



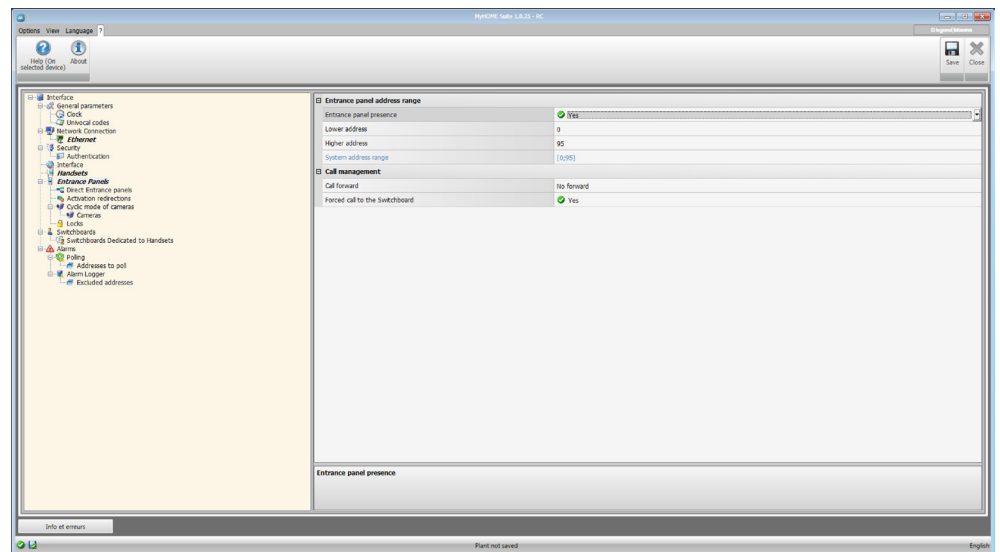
Configuration:

- **Handset address range:**
 - Internal unit presence: Indicate if there are any handsets directly connected to the interface
 - Lower address: SCS address of the first handset connected to the interface
 - Higher address: SCS address of the last handset connected to the interface
 - **Autoignition:**
 - Switchboard autoignition: select one of the following options (Switchboard autoignition, Cycling of cameras, No action).
- This setting will apply to all Handsets within the set range.



Warning: The lower and higher addresses define a range inside which it is not necessary that all handsets are physically present. However, the first and the last handset of the range must be present.

Entrance panel



Configuration:

- **Entrance panel address range:**
 - Entrance Panel presence: Indicate if there are any Entrance Panels directly connected to the interface
 - Lower address: SCS address of the first EP connected to the interface
 - Higher address: SCS address of the last EP connected to the interface
- **Call management:** If a PABX telephone switchboard with active DOSA service is installed in the system, it is possible to set the waiting time before the call is forwarded to the numbers set on the PABX.
 - Call forward: select one of the following options
 - Call forward disabled
 - 10 seconds
 - 15 seconds
 - 20 seconds

This setting will apply to all EP within the set range.
- **Forced call to the switchboard:**
When enabled, all the calls are forwarded to the switchboard.

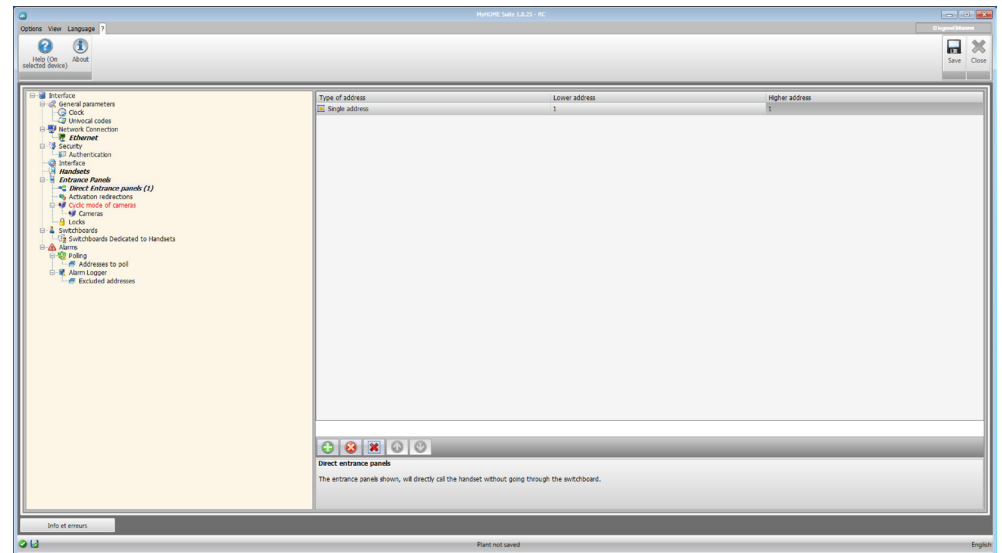


Warning: The lower and higher addresses define a range inside which it is not necessary that all EP are physically present. However, the first and the last EP of the range must be present.

Move the selection down

Click the  [pushbutton](#) to add the list of the direct handsets to add.


The EP programmed in this way will call the Handsets directly, without activating the Switchboard.”



Configuration:

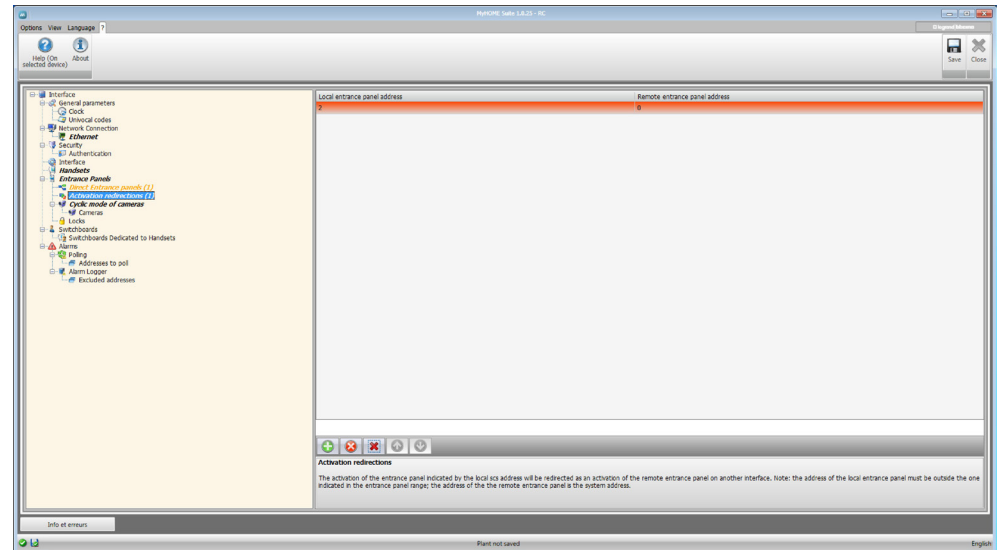
- **Type of address:** Select the type of address from the following options: (Single address, Range)
- **Single address:** EP address; if the “range” option is selected, enter the lower and higher addresses of the range of the EP to be programmed as direct units.

Call forward activation

Click the  [pushbutton](#) to add the list of the local or remote entrance panels.

This function can be used to re-direct the activation, using the Handsets connected to an interface, of an EP connected to another interface.

This function cannot be activated if the 95 EP available for the first interface are all busy

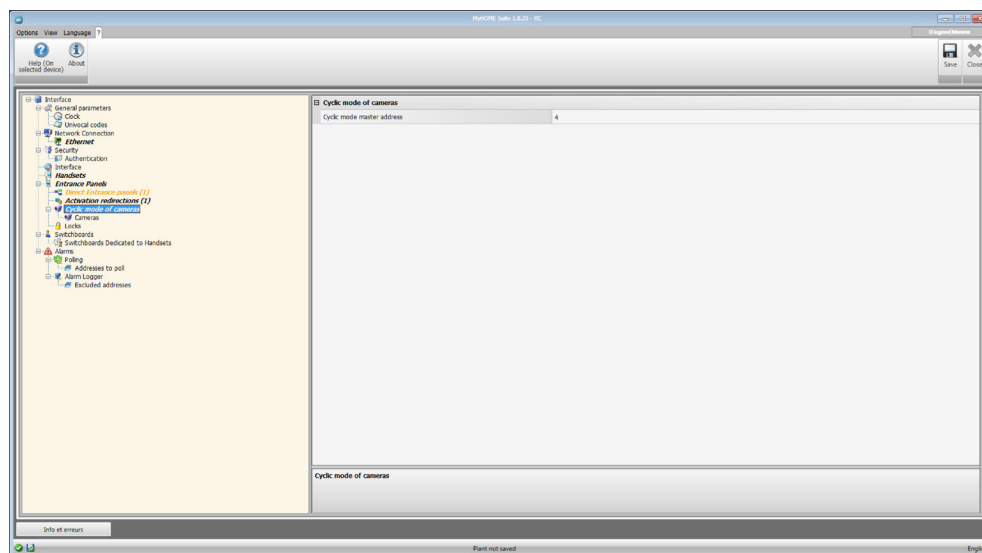


Configuration:

- **Local entrance panel address:** The address of the local Entrance Panel must be outside the range set for the EP connected to the interface (e.g. EP range 1 to 90, local EP address 91 to 95).
 - Single address
 - Range
- **Remote entrance panel address:** System address of the Entrance Panel connected to another interface (e.g. if the EP is configured as EP 25 of the interface with base address 1000, the system address of the remote EP will be 1025).

Cyclic mode of cameras


This function is used to include cameras for cycling using the handset, also selecting the camera cycling should start from.

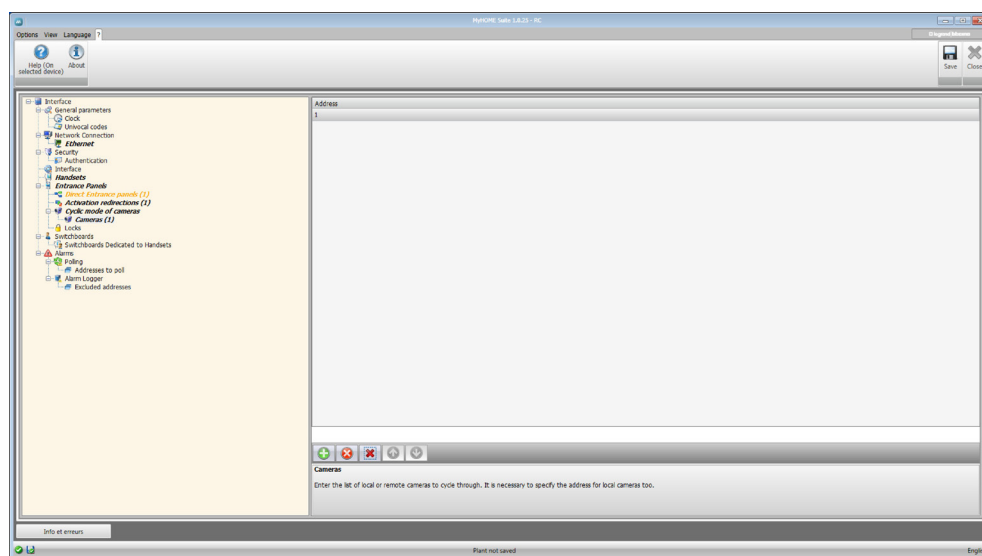


Configuration:

- **Cyclic mode master address:** Enter the address of the camera the cyclic mode should start from.

Cameras

Click the  [pushbutton](#) to add the list of local and remote cameras on which to perform the cyclic operation.

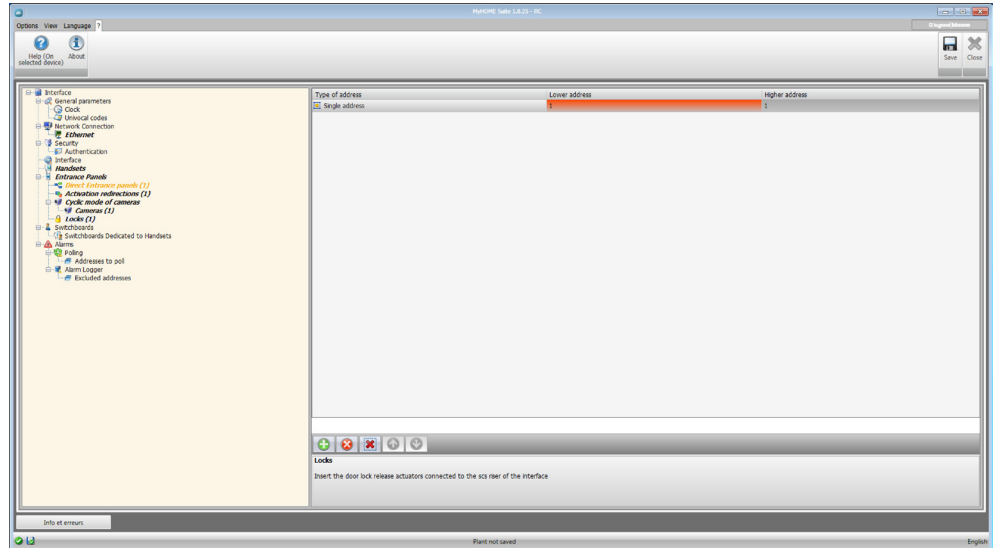


Configuration:

- **Address:** Enter the system address both for local and remote cameras.

Door Locks


Click the [pushbutton](#)  to add the list of door locks.

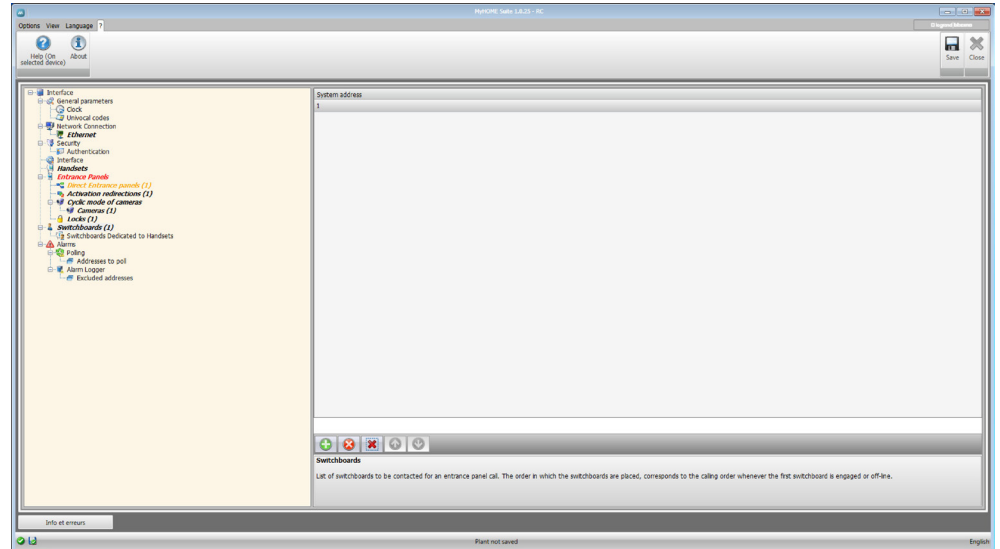


Configuration:

- **Type of address:** Select the type of address from the following options:
 - Single address
 - Range
- **Single address:** Door lock address; if the “range” option is selected, enter the lower and higher addresses of the range of the door locks to control.

Switchboards


Click the  [pushbutton](#) to add the list of switchboards on the system.

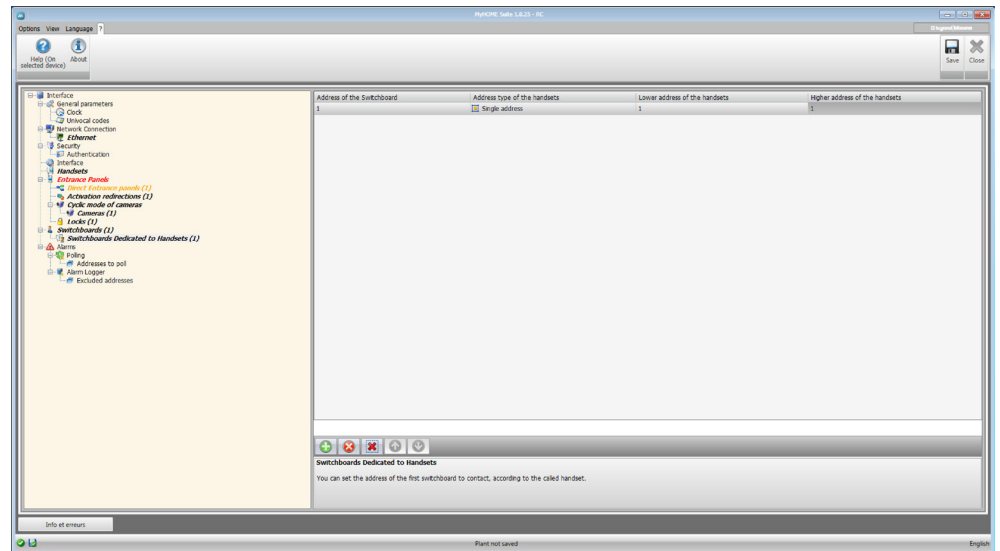


Configuration:

- **System address:** The Switchboard address to which calls from entrance panels must be forwarded to. If several switchboards are added, the adding order will be the calling order, if the first one is busy or not on line.

Handset dedicated switchboards

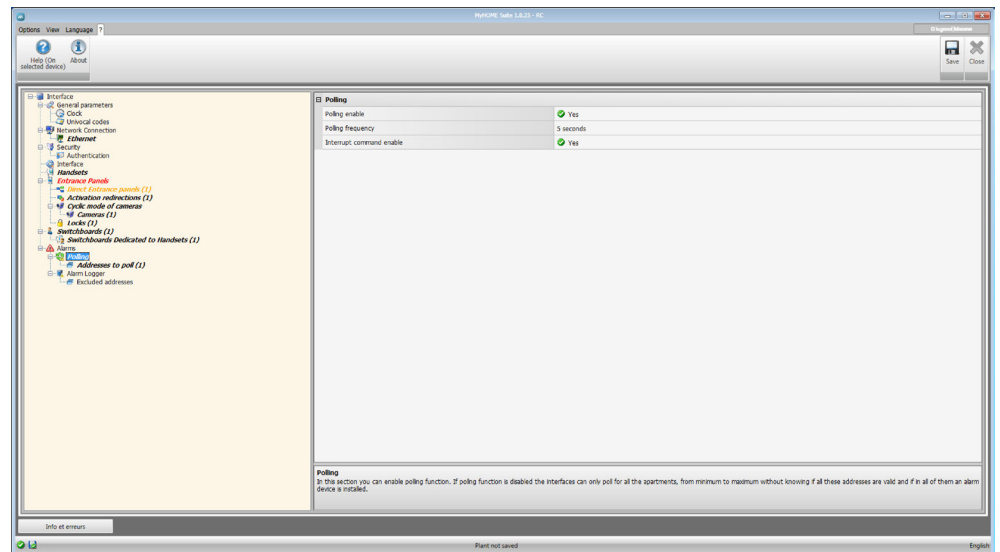
Use the [pushbutton](#)  to add handset dedicated switchboards.



Configuration:

- **Switchboard address:** Address of the switchboard to which the calls are forwarded, based on the handset called.
- **Type of address:** Select the type of address from the following options:
 - Single address
 - Range
- **Address:** Handset address; if the "interval" option has been selected, indicate the upper and the lower handset interval range.


Alarms

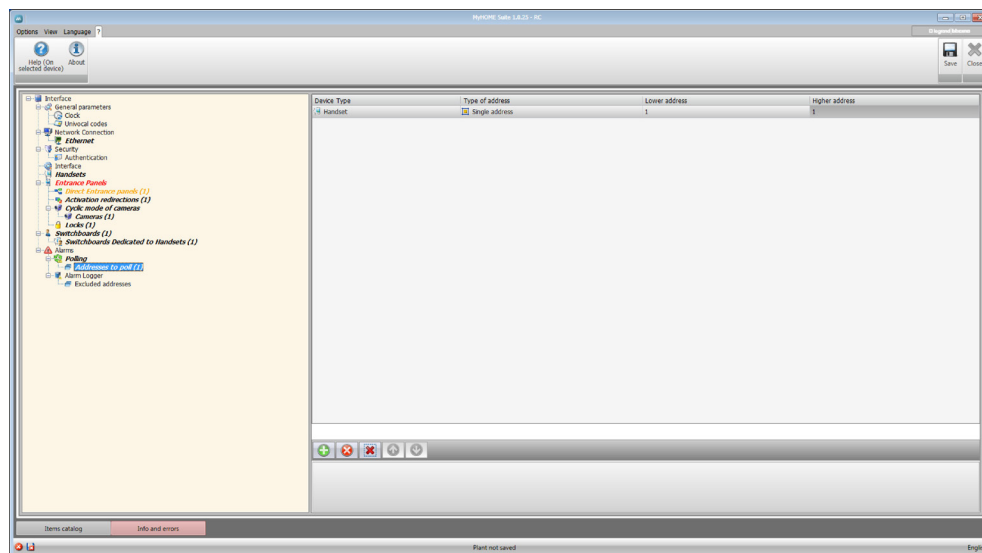


Configuration:

- **Polling enable:** Enable or disable the polling function to check for the presence of any alarms on the system.
- **Polling frequency:** Select the seconds/minutes between one polling and the next.
- **Interrupt command enable:** If enabled, when a device does not answer to the polling, an interruption control is sent to the switchboard.

Addresses to interrogate

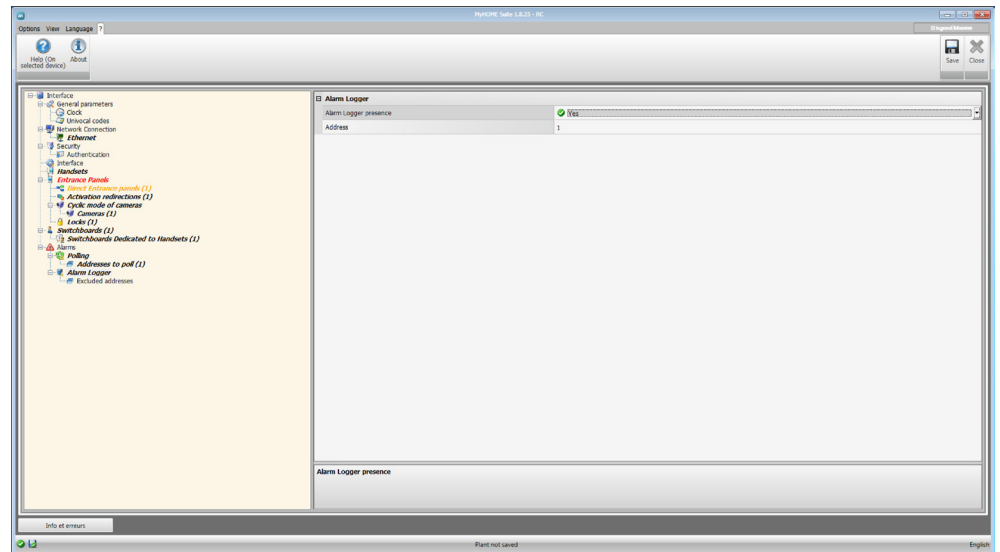
Click the  [pushbutton](#) to add the list of local and remote cameras on which to perform the cyclic operation.



Configuration:

- **Device type:** Select the type of device to interrogate among the following:
 - Unknown
 - Handset
 - Entrance panel
 - Switchboard
- **Type of address:** Select the type of address from the following options:
 - Single address
 - Range
- **Single address:** Device address; if the “range” option is selected, enter the lower and higher addresses of the range of devices to control.


Alarm Logger

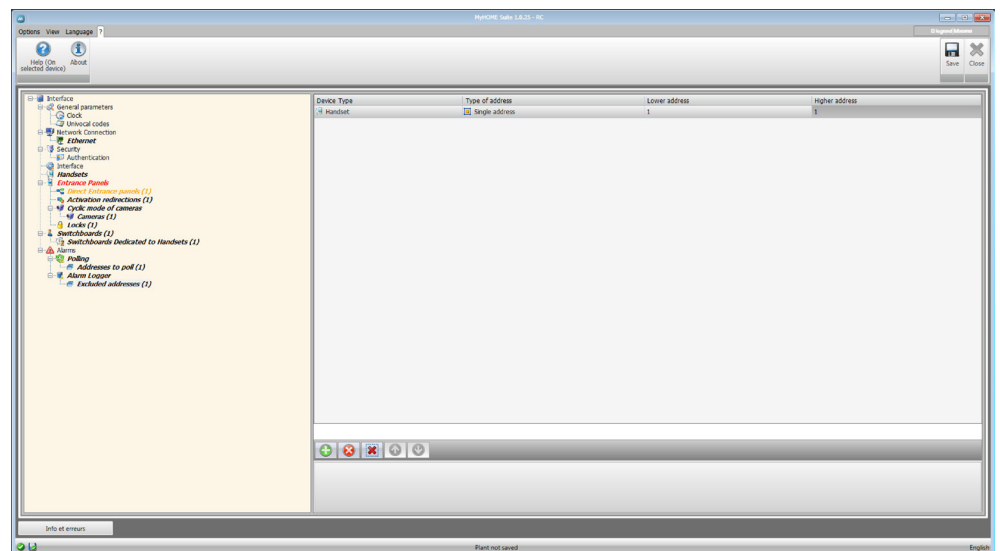


Configuration:

- **Alarm Logger Presence:** Select if the Alarm Logger is installed on the system.
- **Address:** Enter the address of the Alarm Logger installed on the system.

Excluded addresses

Use the [pushbutton](#)  to add to the list any addresses that should be excluded from the recording of the alarms in the Alarm Logger.



Configuration:

- **Type of address:** Select the type of device to interrogate among the following:
 - Handset
 - Entrance panel
 - Switchboard
- **Type of address:** Select the type of address from the following options:
 - Single address
 - Range
- **Address:** Device address; if the “interval” option has been selected, indicate the upper and the lower device interval range.

