



Software Manual



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MH201

Software Manual







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Start

This manual shows the procedures for the configuration of the MH201 Scenario Programmer.

Interaction with the device

In order to Send and Receive the configuration, Update the firmware and Request device info, first of all connect the device to a PC, ensuring that the right port has been selected. Connect the gateway to the LAN network, by connecting the cable to a switch, or directly to the PC that you want to use for the configuration.

To ensure that the communication is successful, the device must be connected to the BUS.

ETHERNET CONNECTION



Device configuration

To configure a device you can create a new project, or open an existing one, which can then be changed and resent to the device.

In order to access the Configure screen of the software, the preliminary operations in the global area must be completed:



1. Click to enter the software dedicated to the configuration of a hotel system.

Fie Edit Carrifoure Options Vew Language 7	NyHONE SLAV	
Conservation C	Site Cory Testore End	
	Part of bird	English

2. Fill any desired fields before proceeding with the creation of the structure

In the password field enter the default password for all the MH201 devices of the hotel.

- 3. If your project is for an overall number of rooms and common areas exceeding 100, it will be necessary to allow for the presence of an IP Server, item F458.
- 4. Click to create the structure of the hotel.



- 5. Add a building.
- 6. Add the floors of the building.
- 7. Select the floor.
- 8. Add the rooms.

For each room created the software automatically places one MH201.



- 9. If you know the Mac Address of the device in the room, you can complete the configuration manually.
- 10. If you do not know the Mac Address of the device in the room, you can find it in the network, and then drag it in the room.
- 11. Click to enter the room or double click the name of the room in the list.

0	NyHOME Suite	
File Edit Tools Scan Co	nfigure Options View Language ?	
		IP Password
		192.168.1.35
plant* plant* plant plant as hotel f	Ja tor	Port
Plant management		20000 Connect
A Design of sectors II cannot		
Project mormation		
Catalogue @ ×	Project Trae	Configuration 0 ×
🐋 Search 🥔 🖂	1	Product programming
Q.ty Ref. Y Description		E.
E 1 002600 1 relay DIN actual	Vew Search	MH201
1 002601 2 relay DON actual	and W Department W Contractions W D W Matching W Company Institute W	-
1 002602 4 relay DON actuat	Mir (Debugado) (Coductatione (D. (Hackbords (Printer resolts) Particult (MAC address 00:00:00:00:00:00
1 002604 DIN - Switch 8 x	HHADI IP scenano module Room 191 UUUUUUUUUUUUUUUUUUUUUU Access control	Description IP scenario module
1 002611 Ballast DIN dimme 1 002611		Custom name Room 101
E 1 002612 DIN - Dimmer 4X		
E 1 002621 DIN dimmer 1000		
E 1 002622 DIN dimmer 2 x 4		
Ci 1 002631 SCS/DALI DAVAN		
E 1 003517 Actuator DIN with		
E 1 003518 Actuator DIN with		
E 1 003519 Actuator DIN with		
1 003535 Scenario programe		
1 003551 Scenario module		
1 003552 Memory module		
1 003553 DIN contacts inter		
1 003554 Pulses counter into	Drag devices here	
E 1 003555 Bus meter with me	Drug devices field	
E 1 003557 Load management		
P 1 003556 Actuator 164 17		
E 1 001562 SCS-SCS interface		
1 003565 Scenario programe		
E 1 003566 Energy data logge		
1 003576 Pulses counter into		
1 003577 Actuator DIN with		
E 1 003579 DIN actuator		
1 003580 DIN actuator/4		
1 003586 Stereo control		
R 1 003594 Basic Gateway		
Cableway OPEN-BA		N 🗸 🗶
P 1 000000 DBL damage 1000		
·		Configuration Busiscanner Network search
Info and errors		

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<complex-block><complex-block><complex-block><complex-block>

It is now possible to manage the device in the **Configure** section using some dedicated pushbuttons.

- 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 the firmware for the device
- 6. Update the device firmware (it only appears after the firmware has been selected)
- 7. Import project

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

8. Open the help file for the selected device

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

To go to the specific device configuration area click **Configure** (1), or double click the device (2)





Send the configuration

After completing and saving the programming, the configuration must be sent to the devices.

Procedure:

1. Connect the device to a PC through the Ethernet network

2. In the Configure toolbar select **Send Configuration**.

The screen for setting the date and time appears.



3. Select **Next** and enter the device address:



4. When Next is selected, the configuration is uploaded to the device.





Receive the configuration

It gives the possibility of receiving the current device configuration. Once received, this can be modified, saved, and obviously sent back to the device. Procedure:

- 1. Connect the device to a PC through the Ethernet network
- 2. In the Configure toolbar select **Receive Configuration**.
- 3. Enter the device address:

Automatic search	I
Manual net-address input	192 . [168 . 1 . 153
OPEN password	*****

4. When Next is selected, the configuration downloading procedure starts.





Firmware update

It gives the possibility of updating the device firmware

Procedure:

- Connect the device to a PC.
- From the **Configure** pull-down menu select **Select Firmware**.

A window appears, enabling the user to browse the file containing the firmware file with .fwz extension.

- Select the file and click **Open** to continue.
- Select Firmware update to continue.

For the connection procedures see the Send Configuration section.

Request device info

It gives the possibility of displaying some information on the device connected to the PC Procedure:

- Connect the device to a PC.
- From the Configure pull-down menu select Device Info.

For the connection procedures see the Send Configuration section. Click Next to display a screen containing the device hardware and software features.



Home page

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



10. File saving and saving path display.

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Common configurations

This section shows the configurations that are common to several functions.

Inserting objects/pages

Managing objects

\bigcirc	Add an object
8	Delete an object
*	Delete all the objects
	Move the object up
\bigcirc	Move the object down

After an object has been added, a window appears, where its specific details can be entered.

Inserting an SCS address

SCS address	1
Address	
A	= 0
PL	= 1
Level	Private riser
SCS address Enter the SCS ad	dress (A, PL, Level, I3, I4)
	Confirm

- 1. Enter the value of room configurator A (0 10; GEN, AMB, GR).
- 2. Enter the value of the configurator of the PL light point (the number depends on the function).
- 3. Select if the level is a private Riser or a Local BUS; in the second case also enter the I3, I4 values.

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Project configuration

In this section it is possible to configure the parameters of the device and then, using the pushbutton, to enter the scenario creation screen.

0	NyHOME Suite	
Octoria Vew Language ? Automatic saving General		Store Close
Andrestander A	Di Romy 191 Pripet norm Rom 191	
	Room 101 Project	
		(* * * 12
Info and errors		
0 Li	Plant not saved	English

Enter the configuration details in the various sections.

General parameters

This section is used to configure the technical parameters for network connections.

Ethernet

This section can be used to enter the parameters for connection to the Ethernet network.



Before changing the default values, contact the network administrator. In addition to preventing the service from becoming active, wrong values can cause malfunctioning during the communication of other network devices.

Optons Vew Language 7 Automatic solving General			
Reverse 1:1 Construction Co	B Homet Addesser pro Interest adores Ladort mak Roder 9	949 192368.13 2022/2022 1923/98.14	
Ma and errors	Ethernet Downet configuration		

Configuration:

- **Type of addressing**: select if the address is a fixed address (in this case enter the parameters below), or a DHCP dynamic address.
- **IP address and Subnet mask**: enter the typical parameters of TCP/IP protocol networks, necessary for the identification of the device within the local network.
- Router IP : enter the IP address of the router, if required.

Authentication

In this screen it is possible to display the previously set password (default 12345) for connection to the device.

	MyHOME Suite	
Automatic saving		See Core
Rev 131 R	Ø Automatik spilom 1993 password 12345	
	Automatic system	
Info and errors		
0 U	Plant not saved	English

Univocal codes

This screen can be used to configure the univocal device identification.

2	Mod/ME Suza	
Options View Language ?		Disgond bloom
Automatic saving General		Save Close
Arter 131 Arter 141 Arter 141	Generary universit code Generary universit code I	
	Gateway univocal code	
N		🧼 🏟 🔿 112
Info and errors		
010	Plant not saved	English

Configuration:

• Gateway univocal Code: enter a univocal device identification number.



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Memory module

One of the functions of MH201 is to operate as a memory module. If this function is enabled, in case of power cuts, MH201 will save the status of the associated devices, reinstating it when the power supply is reconnected.

0	NyHOME Suite	
Options View Language 7		D legand blocks
Automatic saving		1 2
		Save Close
General		
Comment Service Service Commentation Com	Henry mobile Henry mobile hanry mobile hadred	
	Renory module Guide the retires of gettem status in case of blockast	
Info and errors		
018	Plant not saved	English

• Memory module: enable/disable system status reset.

IP address enabling

This screen can be used to enter up to 4 intervals of IP addresses that will be enabled for connection to the device without need for identification using the OPEN password.

	M	HOME Suite	
Automatic saving General			Sive Core
Owner Partial Image: Partial PartiaPartiaPartiaPartial Partial PartiaPartial Partial PartiaPartiae	If address name 1 Wate Value If address name 2 Exating Value Value If address name 3 Exating Value Value If address name 4 Exating Value Value Value	Yee 1:355 4254.0251.134 1:55 4255.134 1:55 4255.134 1:55 4255.134 1:55 425 1:55 425 1:55 425 1:55 425 1:55 425 1:55 425 1:55 425 1:55 425 1:55 425 1:55 425 1:55 425	E
	Value Enter 19 saldens renge		
211		Pant not saved	English

Procedure:

- 1. Enable the interval of IP addresses.

$1 \\ 255 \\ 255 \\ 255 \\ 255 \\ 255 \\ 255 \\ 255 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 255 \\ 254 \\ 255 \\ 254 \\ 254 \\ 255 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 254 \\ 255 \\ $	Network a	address range Inset the network address
	3	
<u>_</u>		4

- 3. Enter the interval of network addresses to enable.
- 4. Confirmation

Room parameters

The configuration of a hotel system requires that the system of each room or common area is connected to the hotel system through an MH201 IP scenario module. All the relevant features must therefore be configured correctly.

The Room/area address and type settings will be used by the HotelSupervision software for identification purposes.

Room/area address

Within a hotel complex, a room (or common area) is identified by indicating the building, the floor, and the number. A customised description can also be entered.

	NyHOME Suite	
Automatic saving		See Cor
Revented Secretary Secretary	C Index Instante Instante Instante Instante Instante Instante Instante Deception Instante Deception Top4 Cologry Access control	1 Hubing 1 1 1 Fee 1 1 Reen 31 1 Reen 31 1 Ton mean Deadwoll
	Building	
		🦛 n 🖚 12
Info and errors	Plant not saved	- Eng

Configuration:

- **Building and Floor**: these fields cannot be edited, as they are set in the common area of the software.
- Room/area:

Select the type; room, common area. Select the category among those suggested

In case of common area set if the access to the area is subject to a fee.

Access control

The point of access of a room can be set in different ways based on the needs, the devices that characterise it must be set in this screenshot.

Orthost View Lansuage 2						Dispared Manager
Autoratic saving General						Save Close
Comparison 191 Comparis	Sacobo Dae	winseler Αδέτου (Α	E) Dur Mader	Addena (A, PA)	Grand and A	
Info and errors				_		
010		Plant not saved				English

Up to 8 entries can be included.

Configuration:

- External reader: enable the possible presence of an out of door reader, assigning to it the correct address (R1, R2 : from1 to 99).
- **Door actuator**: it is possible to install and actuator for the electric release of the entrance door. In this case enable the presence and the SCS address of this device (A,PL).
- Keycard switch: enable the presence of a keycard switch inside the room and indicate the address (A,PL it must be the same as R1, R2 of the reader).

SOS actuator

In each room it is possible to install up to 3 support actuators for the generation of various types of alarms triggered by events (for example the pulling of the shower cord will be notified as an SOS alarm by the HotelSupervision management software).

0	MyHOME Suite		
Options View Language ?			Disgund Mexem
Automatic saving			A 24
			V 75
			Save Close
General			
			-
Room 101	Description	Address	
🕂 Ethemet	SOS actuator 1	01-Private riser	
Authentication			
- Remory module			
1 IP address enabling			
Room/Area address			
-O Access control			
Sos accustor (1) O Contacts			
Windows contacts			
Strongbox contact Fridge contact			
Generic contacts			
- A Inemostat			
	SOS actuator		
		and be used as a state state second	
	Accusion to be used to generate sous same to the supervisor soltware. It t		
L	R		
			(* 17 1)
			Contract Contract Contract
Info and errors			
010	Plant not saved		English

Configuration:

• Description and address: enter a customised name and the system address of the actuator

Contacts

This section can be used to configure contacts for the notification of certain events, or for the activation of scenarios, automations, etc. The contacts can be of two types, either generating certain notifications based on their specific functions (e.g. standard window contact, which generates an **Info** notification, with automatic reset when the contact returns to the default status), or generating customisable notifications based on specific needs (example customised **Window** type contact, generating a **Warning** notification, and requires a software reset).



The contact interface used to generate the notification must be correctly configured in "Contact " mode.

WINDOW CONTACTS In this screen it is possible to insert up to 3 window contacts. This type generates a notification when the window is opened, which is automatically reset when the window is closed again.

0	MyHOME Suite		
Options View Language ?			O legand bireres
Automatic saving			✓ ×
			Save Close
General			
G General parameters	Description	Number	
Ethernet	WHOW CONACC I	1	
Q Univocal codes			
IP address enabling			
Room parameters Room/Area address			
Access control Access control			
Contacts			
Windows contacts (1) Strongbox contact			
Fridge contact Generic contacts			
- i Thermostat			
	Windows contacts		
	N-		
			1/2
the sectors			
TWO BIO BIOD			

Configuration:

• Number: enter the contact identification number on the system.

STRONGBOX CONTACT This screen can be used to define the strongbox contact. After 3minutes from the guest leaving the room, the opening of the strongbox will generate a notification that must only be reset using the software.

) Optional View Language 7 Mutomotic saving		NyHOME Suize	Core Core
Benefation B	Brongbox contact Freence Storophen contact	€ ve 2	
	Strongbox contact		
Info and errors			(in the second s

Configuration:

- Presence: set if the contact is installed in the room.
- Strongbox contact: enter the contact identification number on the system.

FRIDGE CONTACT

This screen can be used to define the fridge contact. After 3 minutes from the guest leaving the room, the opening of the fridge will generate a notification, which is reset when the fridge door is closed again.

The notifications generated by this contact and that of the strongbox are recorded in the events log of the supervision software.

0	MyHOME Suite	
Copore Vew Linguige 7 Automatic saving General		See Cox
Arabitation Analysis Analysis	Programment Proverse Trelga context	9 Yas j
	Fridge contact	
	IL	🧼 💼 🐋 12
Info and errors		

Configuration:

- **Presence**: set if the contact is installed in the room.
- Fridge contact: enter the contact identification number on the system.



GENERIC CONTACTS

This screen can be used to enter contacts and, based on their types, configure the parameters that will affect the display of notifications on the supervision software. These types of contacts can also be used as a **START condition** in the creation of the scenario.

Enter a contact, allocate an identification number to it, and once the address of the contact has been defined, select it in the tree menu (1) to configure its details.

Options View Language ?			
Automatic saving			✓ ×
			Save Close
General			
Room 101	Generic contact		
T Ethernet	Mode	Normally open	
Authentication O Univocal codes	Type of contact	Generic contact	
- Remory module	Signaling type	Warning	
© @ Room parameters	Condition	Presence	
Access control	Delay (mmcss)	00:01	
SOS actuator (1)	Local reset	Yes	
• Windows contacts (1)	CEN address	11-Private riser	
Fridge contact	CEN button	1	
Generic contacts (1)	SW reset	No	
-1 Themostat	Automatic reset	No	
	Additional signaling	No	
	Generic contact		
I	1		
			(in the second s
Info and errors			

Configuration:

- Mode: select the default contact status, either normally open or normally closed.
- **Type of contact**: select the type that identifies the contact, and therefore the graphic representation of the notification shown in the supervision software.
- Type of notification:

– Info: it generates a notification (1), the appearance of which should not be considered an alarm, but is nevertheless useful for monitoring purposes. Its reset is automatic and occurs when the contact returns to its default status. It leaves no trace in the events log of the supervision software.

- Warning: it generates a notification (1), the appearance of which should be considered a warning.

The type of reset can be configured (see subsequent parameters).

The notification is recorded in the events log of the supervision software.

- Alarm: it generates a notification **A**, the appearance of which should be considered an alarm, as well as an audible signal.

The type of reset can be configured (see subsequent parameters).

The notification is recorded in the events log of the supervision software.

The following settings are active only for warning and alarm types

- **Condition**: condition that sends the notification:
 - Always: no condition, the notification is always sent
 - Presence: the notification is sent when the key card is in the keycard switch
 - **No presence**: The notification is sent when the key card is not in the keycard switch
- **Delay**: it is possible to set the time between the reading of the key card and its insertion in the keycard switch without a notification being sent following the change of status of this contact, or the time that elapses from the removal of the key card, during which the contact can be opened and closed, without sending a notification following the change of status of this contact.
- Local reset: it is possible to set a CEN command (address and pushbutton) for resetting the notification locally.
- **SW reset**: it is possible to enable the possibility of resetting the notification from the supervision software
- **Automatic reset** : it is possible to enable the reset of the notification when the contact returns to its default status.
- Additional signalling: it is possible to set the keycard switch to flash when the notification is active.



Thermostat

Inside the room there can be one or more thermostats. This screen can be used to configure one of them, to use the local contact status function.

0	MyHOME Suite		0 0 - %
Options View Language ? Automatic saving			Organi Maren
			Save Close
General			
B ★ Room 101	Thermostat		
Ethernet	Avalability	Ø Yes	
Univocal codes	Thermostat address	1	
1 IP address enabling	Use of thermostat contact	Windows use	
Room/Area address			
1. SOS actuator (1)			
Windows contacts (1)			
Fridge contact			
Generic contact 1			
A Themostat			
	Thermostat		
I	1		
		4	1/2
Info and errors			
0 13	Plant not saved		English

Configuration:

- Availability: set the availability in order to use the function
- Thermostat address: set the thermostat address
- **Use of the thermostat contact**: set the use of the contact, and therefore the graphic representation of the notification shown in the supervision software.

Master Badge

This screen can be used to set the availability of a Master Badge that will give the possibility of programming other key cards for the room guests without management software (the same Master Badge may be used for all the rooms).

Contrast Many Language 2	MyHOME Suize	
Automatic saving		Save Close
Academic and a constraint of the constraint	Heater badge Analog >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	
	anier: the sinal number of matter page to be used to program all pages webout sortware	
		🦛 🕋 📫 172
Info and errors		
O 13	Plant not saved	English

Configuration:

- Availability: set the presence of a Master Badge
- Serial number: enter the serial number of the key card programmed as Master Badge

Click the is pushbutton to enter the scenario area.

Scenarios

this section can be used to create scenarios of various degrees of complexity, triggered by events occurring in the hotel room. It is also possible to recall the scenarios created using the commands (configured as M=CEN), or the supervision software

Scenario screenshot

The screen is essentially split into three main areas: the (A) area can be used to manage the scenarios and

save them in the library, the (B) area shows the fields where it is possible to insert the objects that, once appropriately configured (C), will make up the scenario.



1. Scenarios.

New Scenario	New scenario: create a new scenario
Dupikate Scenario	Duplicate scenario: duplicate an existing scenario
Celete Scenario	Delete scenario: delete the selected scenario
Save into Ubrary	Save into library: save the created scenario into a library, so that it can also be used for other projects
Library of scenarios	Library of scenarios: open the scenario library, with the previously saved scenarios sorted into folders

2. **START** entry field.

In this field it is possible to insert the objects to define the event/s that will activate the scenario.

3. **STOP** entry field.

In this field it is possible to insert the objects to define the event that will stop the sequence of actions included in the **ACTION** field.

Warning: the events in the **STOP** field stop the execution of the scenario. This means that any actions already performed will not change, those that are still to be performed will not completed, and the actions that started before the stop command, and have a delayed command, will complete their cycle.

4. IF entry field.

In this field it is possible to insert the objects to define a status that constitutes a restriction for the execution of the scenario.

5. ACTION entry field.

In this field it is possible to insert the objects to define the action and the sequence of actions to perform.

6. Object properties

this window can be used to configure the object inserted.

Description	Start 1	Object description
Family	Alarm -	Family the object belongs to
Туре	Alarm -	Type (only for some objects)
Command	Strongbox has been forced	Command performed by the object (the behaviour changes based on the insertion field where it has been inserted)

7. For each insertion field it is possible to:

•••	Add an object
2	Copy an object
	Delete an object

Scenario creation

Octors Vew Law ? Performance Performance	Мунсие 5	ute	Corrections
	STOP () ()) (Bapel Property
			272
	Plantin	of saved	English

1. Click here to create the scenario.

Orthons View Language 2	м	HOME Suite		-×
Here Cor. Accet	3		Sint	Close
Scenarios		1	Object Property	
	START	и 🕒 🔄 😣	Description Start 1	
Scenario Scenario Scenario Library scenarios	Start 1 Alarm - Strongbox has been forced		Family Alarm	
Scenario 1 (1 Start, 0 If, 0 Stop, 0 Actions)			Type Alarm	
	2	Action	Command Benriglion has been forced	1
			🖛 🐽 🤿	
Info and errors				
010		Plant not saved		Englis

- 2. The software automatically inserts an object in the START field, which can then be modified, or
- 3. replaced with a different one

	Save Cose
Service Object Proverty	
like and eros	

4. Using the pull-down menu of the **Object property** window, define the object by selecting in sequence the family, the type, and the command

Options View Language ?	Минове	Suite		Disput (Mont Save Cas
Consume Second Consumer Consu	TION CONTRACT CONTRACT	Pr Condition 1 Ream - Not Occupied (Said not in largend analy) Orefore 1 Ream - Not Occupied (Said not in largend analy) Accessed Base 1 Condition of the Con	Chier hoart, Courter	Artino 1 Liquinga Lagta - Lagta - Lindar from - Co
				22
Into and errors	Plant	not saved		Eng

5. After completing the scenario, you can save it into the library, and use it for other projects as desired.

Options View Language ?	MyHOME Suite	Dispose Her	*
Automatic saving		1	Close
Service Control Contro	Statt T Condent I Rear- bed Couper (Left not - her core and a) Save Scenario in Library Store Control Rear - bed Couper (Left not - her core and a) Save Scenario in Library Store Control Rear - bed Couper (Left not - her core and a) Store Control Rear - bed Couper (Left not - her core and a) Store Control Rear - bed Couper (Left not - her core and a) Store Control Rear - bed Couper (Left not - her core and a) Store Control Rear - bed Couper (Left not - her core and a) Store Control Rear - bed Couper (Left not - her core and a) Store Control Rear - bed Couper (Left not - her core and a) Store Control Rear - bed Couper (Left not - her core and a) Store Couper (Left not - her coup	Ciper Property Tara' United International Control of C	22
Info and errors			

- 6. Create a folder where to save the scenario (optional)
- 7. Select it
- 8. Enter a name
- 9. Click to save

Clicking the right mouse key with the pointer on the folder gives access to the **New**, **Delete** and **Rename functions**.



The scenario is now available in the library, to be imported in new projects:

- 10. Select the scenario in the corresponding folder
- 11. Click to import
- 12. Once the procedure has been complete, click to close the library
- 13. Using the pull-down menu, it is possible to manage the folders and the scenarios(New, Delete and Rename).



Objects

This chapter describes the objects (organised into families), and their configurations, which can be used to make up the scenario.

Inserting an object



- 1. Click the pushbutton to insert an object in the desired field
- 2. Enter a description
- 3. Select the family the object belongs to, and therefore the type and the command to perform in the field where the object has been inserted

Object configuration

The families available vary based on the entry field where you want to insert the object:

FAMILY	START	ONLY IF	STOP	ACTION
Alarm	•		•	•
Automation				•
Delay				•
Contacts	•	•	•	
Hotel	•	•	•	•
Lighting	•	•	•	•
Scenarios				•
Programmed scenario	•		•	
Special controls				•
Temperature control	•	•	•	•
Time	•	•	•	



Although belonging to the same family and type, some objects will have different commands based on the field they are included in.

Alarm Family

This family includes the alarm object, which represents the alarms generated inside the room.

ALARM configuration

	Object Property		
1-	Description	Start 1	
2-	Family	Alarm	•
3 —	Туре	Alarm	•
4-	Command	Strongbox has been forced	

- 1. DESCRIPTION
 - Enter a description
- 2. FAMILY
 - Family the object belongs to
- 3. TYPE
- Type of object
- 4. COMMAND

Select the type of alarm to use for the scenario

Automation Family

This family includes the objects that manage an automation.

SHUTTER, CURTAIN, FAN, CONTROLLED SOCKET and AUTOMATION DOOR LOCK Configuration

	Object Property	/	
1 -	Description	Action 1	
2-	Family	Automation	•
3 —	Туре	Shutter	•
4-	Address	11-Private riser	
5 —	Command	UP	•

- 1. DESCRIPTION
- Enter a description
- 2. FAMILY
 - Family the object belongs to
- 3. TYPE
 - Type of object
- 4. ADDRESS

Select the SCS address of the object

5. COMMAND

Select the type of command performed by the object

ADVANCED SHUTTER Configuration

	Object Property	
1-	Description	Action 1
2-	Family	Automation •
3 -	Туре	Advanced shutter
4-	Address	11-Private riser
r –	Command	Go to level •
2	Shutter level	1

- 1. DESCRIPTION
- Enter a description
- 2. FAMILY Family the object belongs to
- 3. TYPE
- Type of object
- 4. ADDRESS
 - Select the SCS address of the object
- 5. COMMAND

Go to level: move the shutter to the set level.

Advanced Up/Down: move the shutter up/down by the set steps.

Advanced STOP: if the shutter is stopped, this command moves it to a preset level. The PRESET level is configured on the object.

Up/Down step by step: move the shutter up/down with a step by step movement.

ADVANCED CURTAIN Configuration

1-	Description	Action 1
2-	Family	Automation •
3 -	Туре	Advanced curtain
4-	Address	11-Private riser
5	Command	Go to level •
5	Curtain Level	1

- 1. DESCRIPTION
- Enter a description
- 2. FAMILY

Family the object belongs to

- 3. TYPE
 - Type of object
- 4. ADDRESS

Select the SCS address of the object

5. COMMAND

Go to level: move the curtain to the set level

Advanced Open/Close: move the curtain up/down by the set steps.

Advanced STOP: if the curtain is stopped, this command moves it to a preset level. The PRESET level is configured on the object.

Open/Close step by step: move the curtain fully up/down with a step by step movement.

Delay Family

This family includes the **DELAY** object, which sets a time delay before the execution of a new action, or between two actions.

DELAY configuration

	Object Property		
1 —	Description	Action 1	
2-	Family	Delay	-
3 —	Туре	Delay	•
4 -	Delay (sec.)	1	1001 1001

- 1. DESCRIPTION Enter a description
- 2. FAMILY
 - Family the object belongs to
- 3. TYPE
 - Type of object
- 4. COMMAND Select the delay in seconds

Contact Family

This family includes the contact object, which represents the notifications from the contacts inside the room.

This family can only include contacts configured in **GENERIC CONTACTS**

CONTACT configuration

	Object Property	/
1 -	Description	Condition 1
2-	Family	Contacts •
3 -	Туре	Contact •
4-	Address	1
5 -	Command	Open -

- 1. DESCRIPTION
- Enter a description
- 2. FAMILY Family the object belongs to
- 3. TYPE
- Type of object
- 4. ADDRESS

enter the contact identification number on the system.

5. COMMAND

select the contact status (open/closed)

blicino

Hotel Family

This family includes the objects for the management of the hotel room. ROOM and KEY CARD Configuration

Object Property		
Description	Start 1	
Family	Hotel	
Туре	Room	
Command	Available	

Object Property	1
Description	Start 1
Family	Hotel
Туре	Badge
Command	User badge recognised

- 1. DESCRIPTION Enter a description
- 2. FAMILY Family the object belongs to
- 3. TYPE
 - Type of object (room, badge)
- 4. COMAMMAND

Room command: select the status of the room Key card command: select if the recognised key card is the user key card, the staff key card, or both

4

Lighting family

This family includes the objects that can have ON and OFF status

LIGHT Configuration

	Object Property	
1—	Description	Start 1
2—	Family	Lighting •
3 —	Туре	Light
4—	Address	11-Private riser
5 —	Command	OFF •

- 1. DESCRIPTION
 - Enter a description
- 2. FAMILY

Family the object belongs to

3. TYPE

Type of object

4. ADDRESS

Select the SCS address of the object

5. COMMAND

Select the type of command performed by the object

TIMED LIGHTS configuration (ACTION field only)

Object Prop	erty
Description	Action 1
2 Family	Lighting
3 туре	Timed lights ·
4 Address	11-Private riser
5 Command	ON for 1 min

- 1. DESCRIPTION
 - Enter a description
- 2. FAMILY
 - Family the object belongs to
- 3. TYPE
- Type of object
- 4. ADDRESS Select the SCS address of the object
- 5. COMMAND Select the type of command executed by the object and the duration (fixed or customised)

DIMMER 100 Configuration (IF field)

	Object Property	
1-2-	Description	Condition 1
	Family	Lighting •
3 -	Туре	Dimmer 100 ·
4- 5- 6-	Address	11-Private riser
	Command	ON at Level •
	Condition	Greater •
	Level	1

- 1. DESCRIPTION
- Enter a description
- 2. FAMILY Family the object belongs to
- 3. TYPE
 - Type of object
- 4. ADDRESS Select the SCS address of the object
- 5. COMMAND Select the type of command performed by the object
- 6. CONDITION (ON to level) Set the value of the lighting level (Higher/Lower/Value)

DIMMER 100 Configuration (ACTION field)

	Object Property	
1-	Description	Action 1
2-	Family	Lighting •
3 —	Туре	Dimmer 100 ·
4-	Address	11-Private riser
	Command	Go to level •
5 —	Level	1
	Time (sec.)	1

- 1. DESCRIPTION Enter a description
- 2. FAMILY
 - Family the object belongs to
- 3. TYPE Type of object
- 4. ADDRESS

Select the SCS address of the object

5. COMMAND ON/OFF: select the type of command

Go to level: set the value of the lighting level, and the duration

Scenario family

This family includes the objects that that can generate scenarios.

SCENARIOS configuration

	Object Property	r
1 —	Description	Action 1
2 –	Family	Scenarios •
3 —	Туре	Scenario module -
4 —	Address	11-Private riser
5 —	Command	Scenario -
6 —	Pushbutton	1

- 1. DESCRIPTION
- Enter a description
- 2. FAMILY Family the object belongs to
- 3. TYPE
 - Type of object
- 4. ADDRESS Select the SCS address of the object
- 5. COMMAND Select the command mode
- 6. PUSHBUTTON Select the pushbutton corresponding to the scenario to activate

Programmed Scenario Family

This family includes the objects that that can generate scenarios.

PROGRAMMED SCENARIOS configuration

	Object Property		
1 -	Description	Start 1	
2-	Family	Scheduled scenarios •	
3 -	Туре	CEN •	
4-	Address	11-Private riser	
5 -	Command	Start pressure •	
6-	Button	1	

- 1. DESCRIPTION
 - Enter a description
- 2. FAMILY

Family the object belongs to

3. TYPE

Type of object

- 4. ADDRESS Select the SCS address of the object
- 5. COMMAND Select the command mode
- 6. PUSHBUTTON Select the pushbutton corresponding to the scenario to activate

Special Commands family

This family includes the LOCK/UNLOCK ACTUATOR object, which gives the possibility to lock/ unlock the action being performed by an actuator

LOCK/UNLOCK ACTUATOR Configuration

Object Prope	rty
1 Description	Action 1
2 Family	Special commands •
3 туре	Lock/Unlock actuator •
4 Address	11-Private riser
5 Command	Lock •

- 1. DESCRIPTION
 - Enter a description
- 2. FAMILY

Family the object belongs to

3. TYPE

Type of object

- 4. ADDRESS
 - Select the SCS address of the object
- 5. COMMAND Select the command mode

Temperature Control Family

This family includes the objects of the temperature control system

THERMOSTAT configuration

	Object Property	
1 -	Description	Condition 1
2-	Family	Temperature control
3 —	Туре	Thermostat •
4-	Address	1
5 -	Command	Contact: Open •

- 1. DESCRIPTION Enter a description
- 2. FAMILY Family the object belongs to
- 3. TYPE Type of object
- 4. ADDRESS

Select the address of the thermostat

5. COMMAND Select the command mode



THERMOSTAT Configuration (ACTION field)

	Object Property	/	
1 -	Description	Action 1	_
2-	Family	Temperature control	•
3 -	Туре	Thermostat	•
4-	Address	1	•
5 -	Command	COMFORT HEATING	•

- 1. DESCRIPTION
 - Enter a description
- 2. FAMILY Family the object belongs to
- 3. TYPE Type of object
- i)pe of object
- 4. ADDRESS
 - Select the address of the thermostat
- 5. COMMAND

Select the command mode between:

- COMFORT Heating/cooling:

set a temperature that the user has programmed as comfort, also changing the system settings (heating/cooling).

Object Property	Object Property	
Description	Action 1	
Family	Temperature control	•
Туре	Thermostat	•
Address	1	•
Command	COMFORT HEATING	

COMFORT Combined heating/cooling:

set the thermostat in the automatic changeover mode, to automatically switch between the heating and cooling functions, based on the measured temperature.

Object Property		
Description	Action 1	
Family	Temperature control	•
Туре	Thermostat	•
Address	1	•
Command	COMFORT Automatic changeover	

- Generic COMFORT:

set at the temperature programmed as the COMFORT temperature by the user, without changing the system settings (heating/cooling).

Object Property		
Description	Action 1	
Family	Temperature control	
Туре	Thermostat	
Address	1	
Command	COMFORT Generic	

- Heating/Cooling ECO;
- Combined Heating/Cooling ECO;
- Generic ECO:

same function as the previous commands, but in ECO mode; ECO and COMFORT modes are only different for the different level of temperature set

Object Property		
Description	Action 1	
Family	Temperature control	•
Туре	Thermostat	•
Address	1	•
Command	ECO HEATING	•



- OFF;
- ANTIFREEZE;
- Cooling PROTECTION;
- ANTIFREEZE/PROTECTION
- combined heating/cooling
- Generic antifreeze/protection:

set to the programmed temperature

Object Property	
Description	Action 1
Family	Temperature control •
Туре	Thermostat -
Address	1 -
Command	OFF .

- Heating/cooling manual setup:

set a fixed temperature on the system, also changing the mode of operation (heating/cooling) based on the selection

Object Property		
Description	Action 1	
Family	Temperature control	•
Туре	Thermostat	•
Address	1	•
Command	MANUAL SETPOINT HEATING	•
Temperature (°C)	3,0	

- Combined heating/cooling manual setup:

set the thermostat in the automatic changeover mode, to automatically switch between the heating and cooling functions, in order to keep the set temperature

Object Property	Object Property	
Description	Action 1	
Family	Temperature control	•
Туре	Thermostat	•
Address	1	
Command	MANUAL SETPOINT Automatic changeover	•
Temperature (°C)	3,0	(A)

- Generic manual setup:

set a fixed temperature on the system, keeping the mode of operation (heating/cooling) active at the time

Object Property		
Description Action 1		
Family	Temperature control	
Туре	Thermostat	

Гуре	Thermostat	
Address	1	•
Command	MANUAL SETPOINT Automatic changeover	•
Tomporature (9C)	2.0	(*)
remperature (C)	5,0	1.00

- LOCAL BUTTON:

enable/disable the keys of the thermostat installed in the room

Object Property	
Description	Action 1
Family	Temperature control -
Туре	Thermostat •
Address	1 -
Command	LOCAL CONTROL ·
Enabling	Enabled -



Time family

This family includes the objects that give the possibility of specifying a period of time. TIMEConfiguration (START and STOPfields)

	Object Property	
1—	Description	Start 1
2—	Family	Time •
3 —	Туре	Hour •
4—	Command	Time •
5 —	Time	00:00

- 1. DESCRIPTION Enter a description
- 2. FAMILY
 - Family the object belongs to
- 3. TYPE
 - Type of object
- 4. COMMAND
 - Select the command mode among Time, Time and date, and Time and weekdays
- 5. TIME
 - A Time: enter the time

Object Prope	rty						
Description	Start 1						
Family	Time	Time •					
Туре	Hour	Hour •					
Command	Time						
Time	00:00						
	_						
	00:00	01:00	02:00	03:00			
	04:00	05:00	06:00	07:00			
	08:00	09:00	10:00	11:00			
	12:00	13:00	14:00	15:00			
	16:00	17:00	18:00	19:00			
	20:00	21:00	22:00	23:00			

B – Time and date: enter the time and date

	Object	Object Property											
	Descrip		Start	Start 1									
	Family			Time	Time •						•		
	Туре			Hour	Hour •							•	
	Command			Time	and	date						•	
B —	Time			27/1	.0/20	14 00:	00						
			-	Oc	tobe	r - 20	14						
			Sun	Mon	Tue	Wed	Thu	Fri	Sat	00:00	01:00	02:00	03:00
		40	28	29	30	1	2	3	4	04:00	05:00	06:00	07:00
		41	5	6	7	8	9	10	11	08:00	09:00	10:00	11:00
		42	12	13	14	15	16	17	18	12.00	13.00	14.00	15.00
		43	19	20	21	22	23	24	25	16:00	17:00	18.00	10.00
		44	26	27	28	29	30	31	1	20.00	21.00	22.00	19.00
		45	2	3	4	5	6	/	8	20:00	21:00	22:00	23:00
													Close



	Object Property							
	Description	Start 1						
	Family	Time						
	Туре	Hour						
	Command	Time and days of week						
_	Time	Mo Tu We Th Fr Sa Su						
9-	Time	00:00	=					
		00:00 01:00 02:00 03:00						
		04:00 05:00 06:00 07:00						
		08:00 09:00 10:00 11:00						
		12:00 13:00 14:00 15:00						
		16:00 17:00 18:00 19:00						
		20:00 21:00 22:00 23:00						

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TIME Configuration (IF field)

	Object Property						
1-	Description	Condition 1					
2-	Family	Time •					
3 -	Туре	Hour •					
4-	Command	Time •					
5 -	Condition	Greater •					
6-	Time	00:00					

- 1. DESCRIPTION Enter a description
- 2. FAMILY
 - Family the object belongs to
- 3. TYPE
 - Type of object
- 4. COMMAND
 - Select the command mode among Time, Time and date, and Time and weekdays
- 5. CONDITION
 - Select the condition (Higher/Lower/Interval) to apply to the value set in the time item
- 6. TIME (Interval)
 - A TIME: enter the time interval

Description	Condition 1				
Family	Time				
Туре	Hour				
Command	Time				
Condition	Range				
	From	00:0			
Time	То	00:00			

B - Time and date: enter the time and date intervals

Description	Condition 1				
Family	Time				
Туре	Hour				
Command	Time and date				
Condition	Range				
	From	27/10/2014 00:0			
Time	То	27/10/2014 00:00			



	Object Property						
	Description	Condition 1					
	Family	Time •					
	Туре	Hour •					
	Command	Time and days of the week					
	Condition	Range •					
		Mo Tu We Th Fr Sa Su					
•	Time	From 00:00					
0-	Time	Mo Tu We Th Fr Sa Su					
		To 00:00					

Example of scenarios

The following example shows how to configure a scenario to be activated when the guest enters the room, and one to be activated when the guest exits the room.

When the guest inserts the key card and this is recognised, a courtesy light comes on for 3 minutes, a general ON is activated (e.g. main lights, air conditioning, and television on), and the shutters go up. All this, on condition that the room was not already occupied (key card in the keycard switch).

Subsequently, when the guest leaves the room and remove the key card from the keycard switch, the shutters go down, the courtesy light goes on, and after three minutes a general OFF is activated.

There is also the possibility of stopping the exit scenario if during its execution a key card is inserted in the keycard switch.

	START FIELD	ACTION FIELD	IF FIELD	STOP FIELD
F	when to	execute	only if:	it stops when
INTRY	– guest key card recognised	 courtesy light switching on general on rise the rolling shutter 	 the room is not occupied 	
E X I T	 the guest removes the key card from the keycard switch 	 courtesy light switching on general off lower the rolling shutter 		 the guest inserts the key card in the keycard switch

After configuring the parameters in the global area of the software, enter the specific area to create the scenario

Contract: User 7 Actionals: cavin 1 7 General			4 Voter hearty
O C O O New Duplicate Delete Save into Library of scenario Scenario Scenario Library scenarios	START START State Constrained Badge - User badge recognised	u 🔁 🔄 🔞	Percription User badge recognised
(2000) Servers (1) 10-01-07.0 Sing, 4 Allowe) 2			5 Tre inde
	STOP 🚯 🔄 😣	ACTION 🚯 🔄 😣	
Info and errors			

- 1. Add a scenario
- 2. Enter a name for the scenario

It is now possible to build a scenario by inserting the Hotel – Key card object in the start field, and configuring it so that the scenario starts when the key card is recognised

- 3. Enter a description for the object
- 4. Select the Hotel family
- 5. Select the Key card type
- 6. Select the user key card recognised command

After configuring the event that activates the scenario, it is possible to set the actions that will be performed: general ON, switching on of courtesy lights, and shutters UP. For this purpose it is possible to use the object Lighting - Light



- 1. Click to add an object
- 2. Enter a description for the object
- 3. Select the Lighting family
- 4. Select the Light type
- 5. Enter address 11
- 6. Select the **ON** command

Now insert the Lighting - Timed lights object to activate the courtesy lights for 3 minutes

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Info and errors		Plant and assed		

- 1. Click to add an object
- 2. Enter a description for the object
- 3. Select the Lighting family
- 4. Select the Timed lights type
- 5. Enter address 21
- 6. Select the ON for 3 min command

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Then insert the Automation - Shutter object to raise the shutter

- 1. Click to add an object
- 2. Enter a description for the object
- 3. Select the Automation family
- 4. Select the Shutter type
- 5. Enter address 51
- 6. Select the UP command

Now set the limitation for the execution of the scenario, which is that the room must be free. For this purpose use the object Hotel – Room, inserting it in the **IF** field

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Dalawa mon				22]

- 1. Click to add an object
- 2. Enter a description for the object
- 3. Select the Hotel family
- 4. Select the Room type
- 5. Select the not occupied command (key card not in the keycard switch)

It is now possible to also create a scenario that will activate when the guest exits the room (1), in the same way as that shown in the previous section, entering in the start field the activation of the scenario when the key card is no longer in the keycard switch (2), and in the action field the actions to be performed to bring the room back to the initial conditions (3)

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Output Scenario 🔨 (1 Start, 0 If, 0 Step, 4 Actions)			Address	11-Private riser	
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Info and errors					
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There is also the possibility of stopping the scenario if for example the guest wants to go back in the room after removing the key card from the keycard switch. To do this, insert the Hotel – Room object in the **STOP** field

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Info and errors			
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- 1. Click to add an object
- 2. Enter a description for the object
- 3. Select the Hotel family
- 4. Select the Room type
- 5. Select the occupied command (key card in the keycard switch)



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Info and errors			Test in

- 1. Click to save the scenario in the library
- 2. Click to create a folder
- 3. Enter a name for the scenario
- 4. Click to save

The scenario can now be imported in another project

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Info and errors		

- 5. Select the scenario in the corresponding folder
- 6. Click Output scenario

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It is now possible to recall the scenarios from the supervision software at reception.

