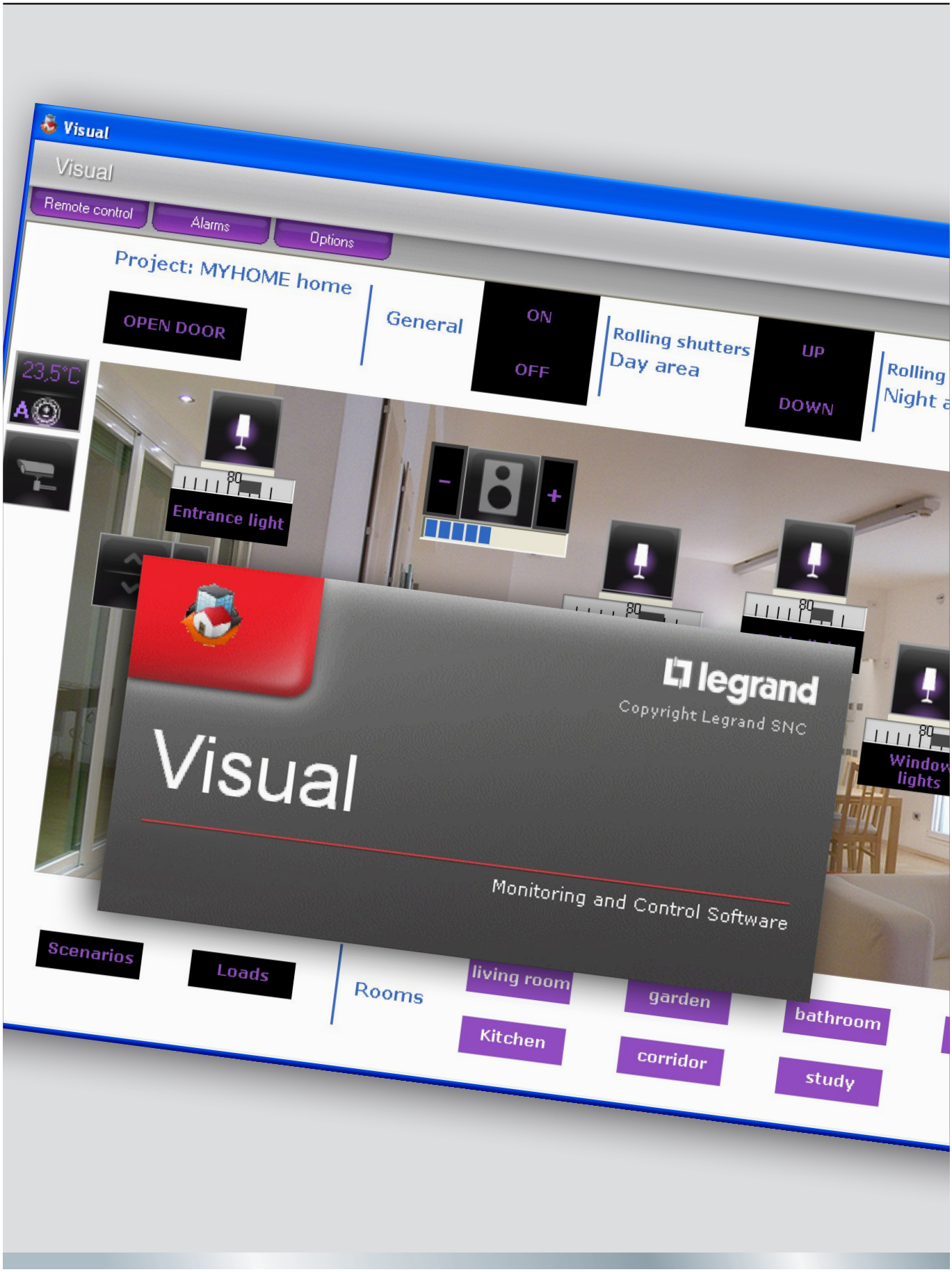
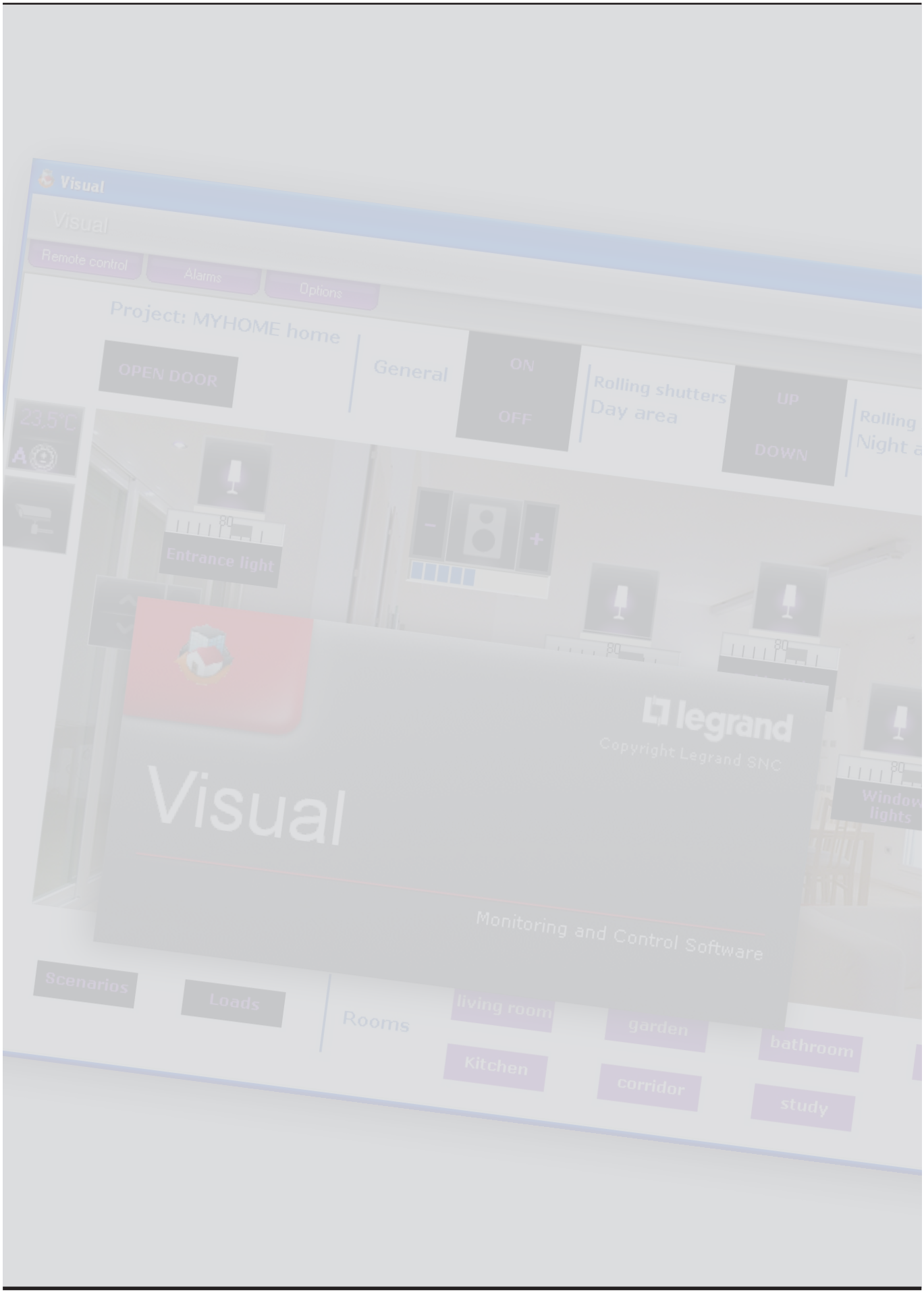
VISUAL

User guide




Visual
Visual
Remote control
Alarms
Options
Project: MYHOME home
OPEN DOOR
General
ON
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Rolling shutters
Day area
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Rolling
Night a
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Visual
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Contents

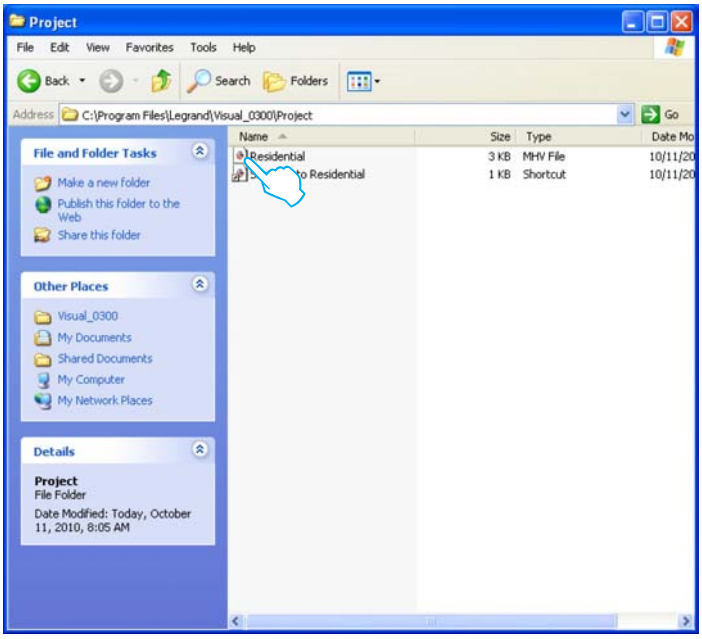
What VISUAL is

The VISUAL software can create a synoptic page, which is a clear and tidy representation of the SCS system installed, to supply an instrument to control the system itself, by means of a simple and intuitive graphic interface.

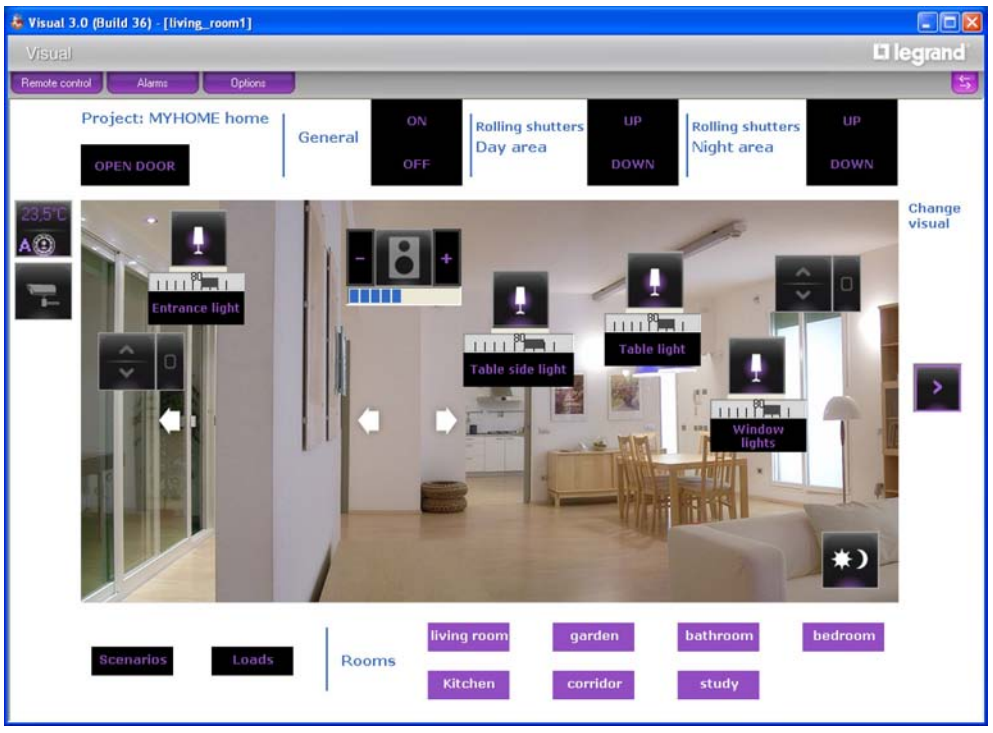
Use

Opening a project

To open the project file double click on the icon of the file itself.



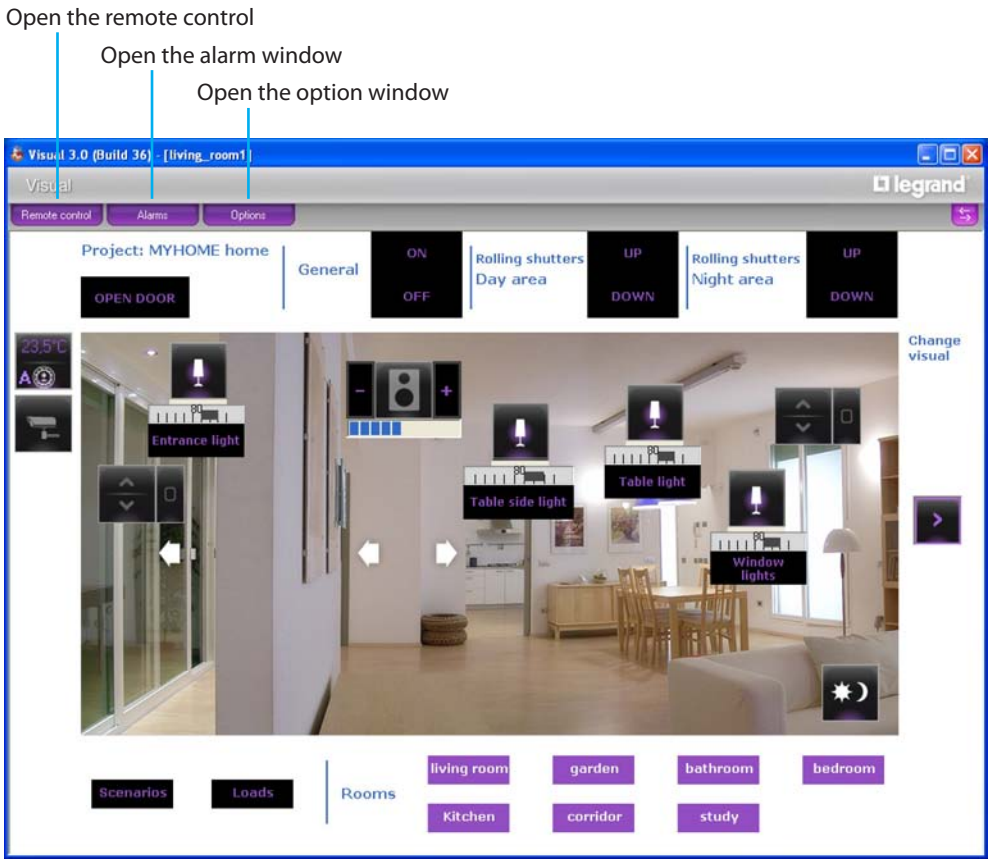
The project is opened directly in the Monitoring area.



You can now interact with the system by means of the objects in the project.

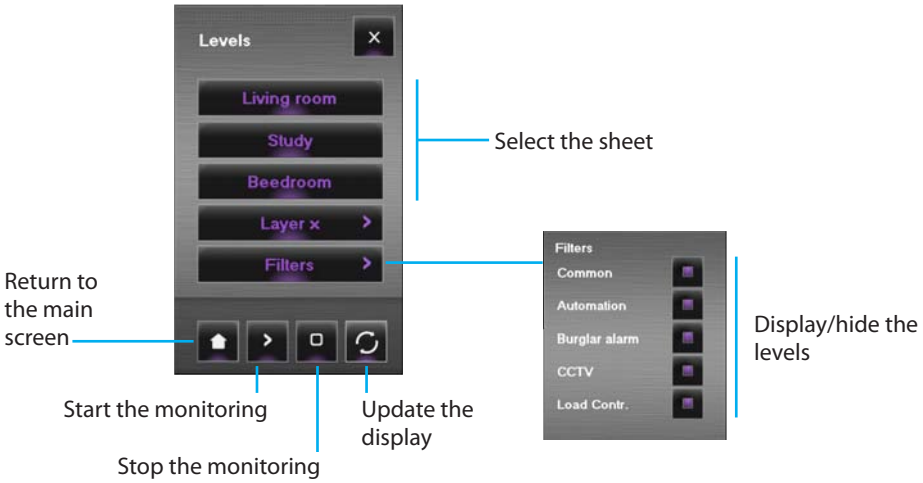
Monitoring area

In this area you can interact with the system components and check its state by means of the objects in the project.



Remote control

In this window you can start, stop and monitor the project.
You can also move from one sheet to another and display/hide the levels.



Displaying the device state

The state of the system components can be deduced from the type of icon displayed by the object entered in the project:

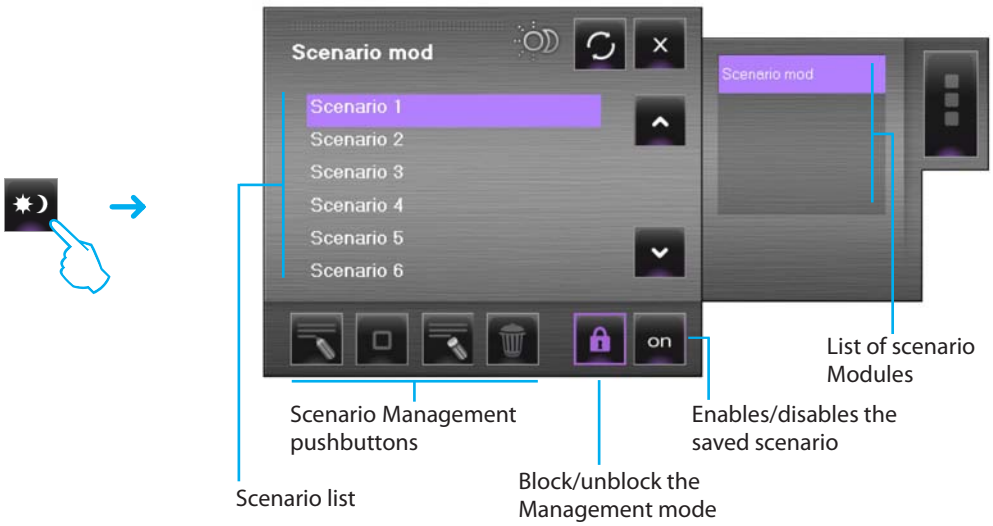
Object	State							
Actuator		Off-line/ Undefined state		OFF		ON		Bulb burnt (dimmer only)
Contact		Off-line		OFF		ON		
Scenario Module		Off-line		OFF		ON		Being amended/ created
Mover		Off-line/ Undefined state		UP		DOWN		STOP
Web Server		Off-line/ Web Server cannot be reached		OFF (design only)		ON/On-line		
Camera		Off-line		OFF (design only)		On-line		
Burglar-alarm control unit		Off-line/ Undefined state		Not Inserted		Inserted		Alarm being given
Load		Off-line/ Undefined state		OFF		ON		
Temperature control unit 99 zones		Off-line/ Undefined state		OFF (design only)		On-line		
Temperature control unit 4 zones		Off-line/ Undefined state		OFF (design only)		On-line		
Master sensor		Off-line/ Undefined state		OFF (design only)		ON		
Slave sensor		Off-line/ Undefined state		OFF (design only)		ON		
Sound source		Off-line/ Undefined state		OFF		ON		
Standard amplifier		Off-line/ Undefined state		OFF		ON		
Power amplifier		Off-line/ Undefined state		OFF		ON		

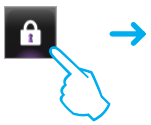
Using the SCS actuator object

This object gives a synchronised view of the state of the actuator in the system. Touching it changes the state (in both ON/OFF and dimmer modes).

Using the Scenario Module object

When configured as Module of scenarios actually existing in the system, this object can be used to activate the scenarios saved in the module itself. New scenarios may also be created, or the existing ones amended.





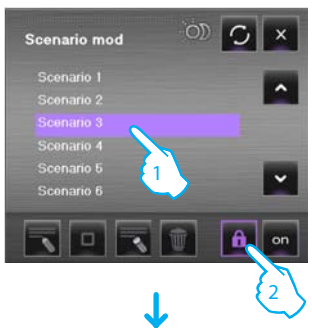

Starts the recording of a new scenario or adds actions to an existing scenario


Stops recording


Deletes the actions of the selected scenario


Deletes all scenarios (including the ones already in the Scenario Module).

Example – Creating a new scenario (scenario 3)



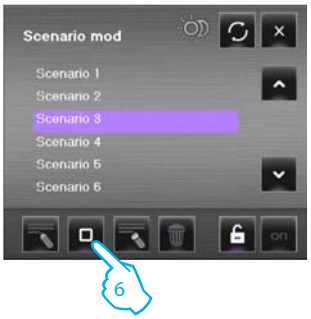
1 > Select the scenario to save

2 > Unblock the Management mode

3 > Start the recording of the scenario

The object display changes to indicate the recording status

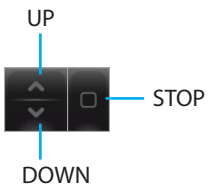
4 - 5 > Activate the actions making up the scenario (e.g. lights on, shutters down)



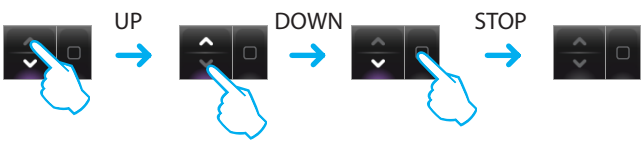
6 > Stop recording

Using the SCS mover object

This object gives a synchronised view of the state of the actuator in the system. Touching it changes the state.

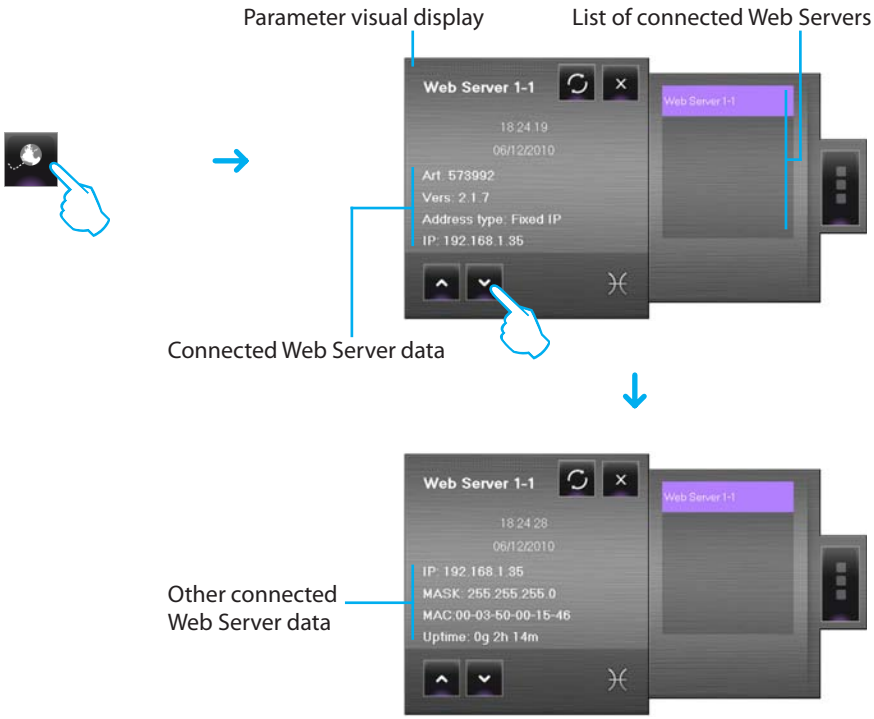


The SCS mover object is divided into three parts, each of which gives a different command



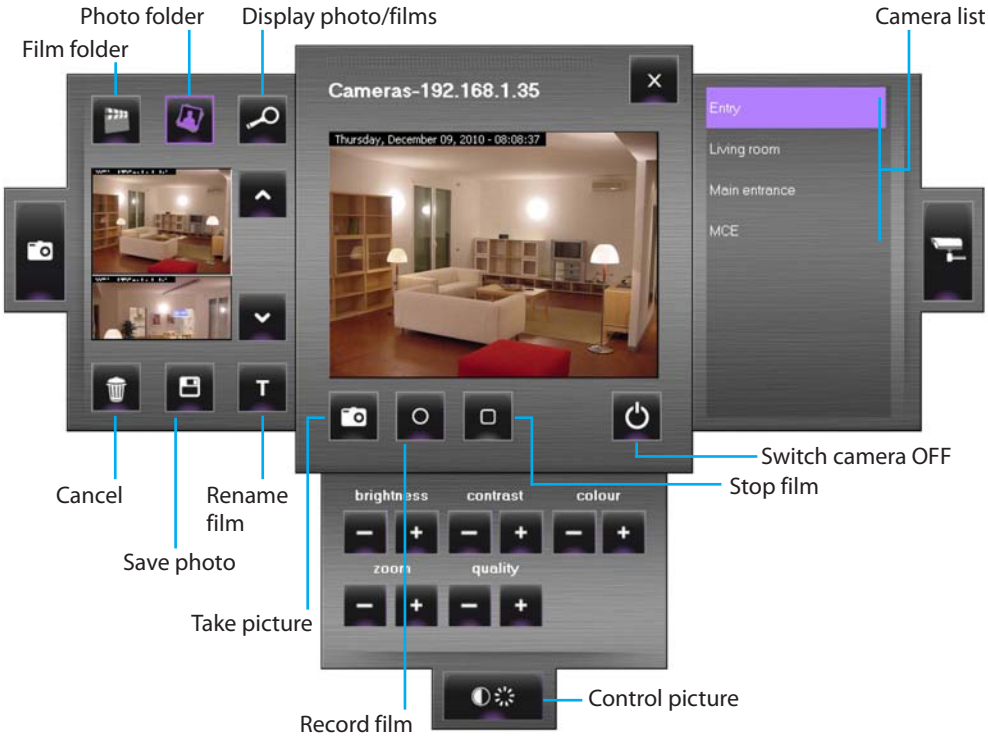
Using the Web Server object

This object gives a synchronised view of the Web Server installed in the system. On touching it the parameter visual display appears, where there are some device parameters.

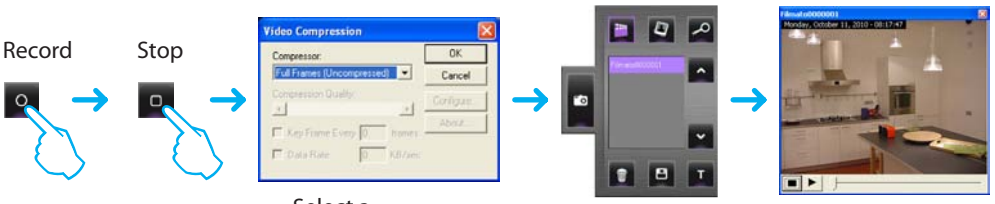


Using the camera object

This object gives a synchronised view of the cameras installed in the system. On touching it the parameter visual display appears and from this you can take instant photographs, record films and switch the cameras ON/OFF.



Recording a film

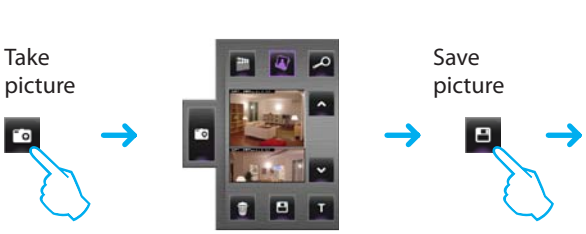


Select a compression

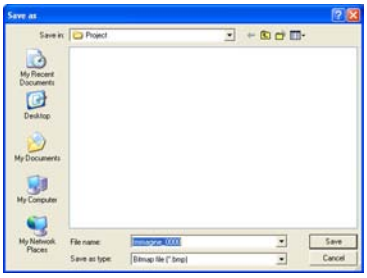
Select a film and click display film

The film is played

Taking and saving a picture



Select a picture in the photo folder



Save the picture in the folder required

Using the burglar-alarm control unit object

This object can manage the alarms in a system which uses a burglar-alarm control unit.

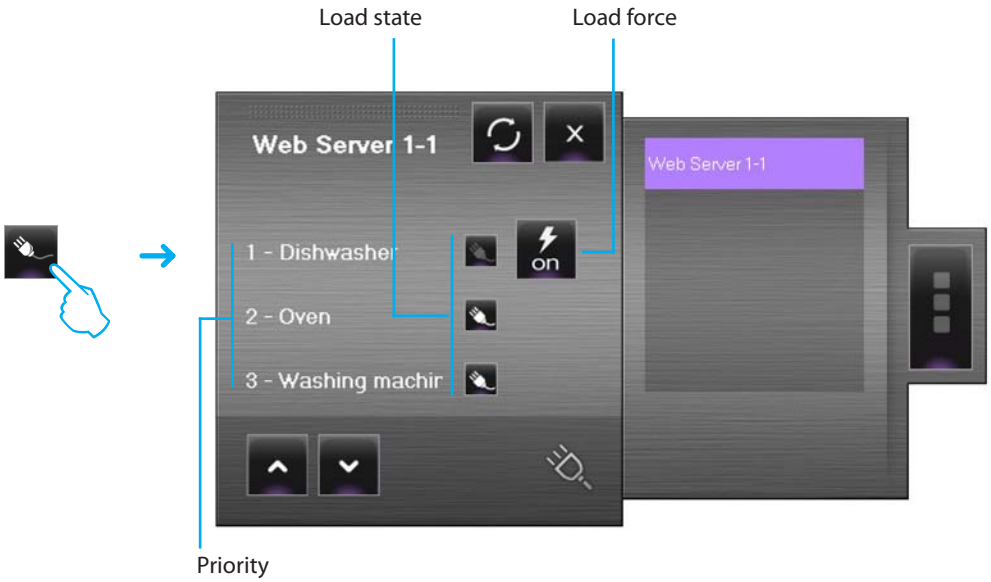
If an alarm is signalled in the burglar-alarm control unit a red indicator appears. On clicking on the object a visual display is opened.

- State — displays whether the burglar-alarm system is switched ON
- Battery — displays whether the battery is working
- Zones controlled — displays the active zones (purple background) and if there is an alarm the zone involved (zone number in red)
- Other zones — displays the other zones (connectors, auxiliaries and the control unit)
- Technical — displays the technical alarms
- System — system IP address

Click on "**ALARM**" to display the **Alarm** window, where the alarm in progress can be displayed and dealt with (see "Alarms" section).

Using the controlled load object

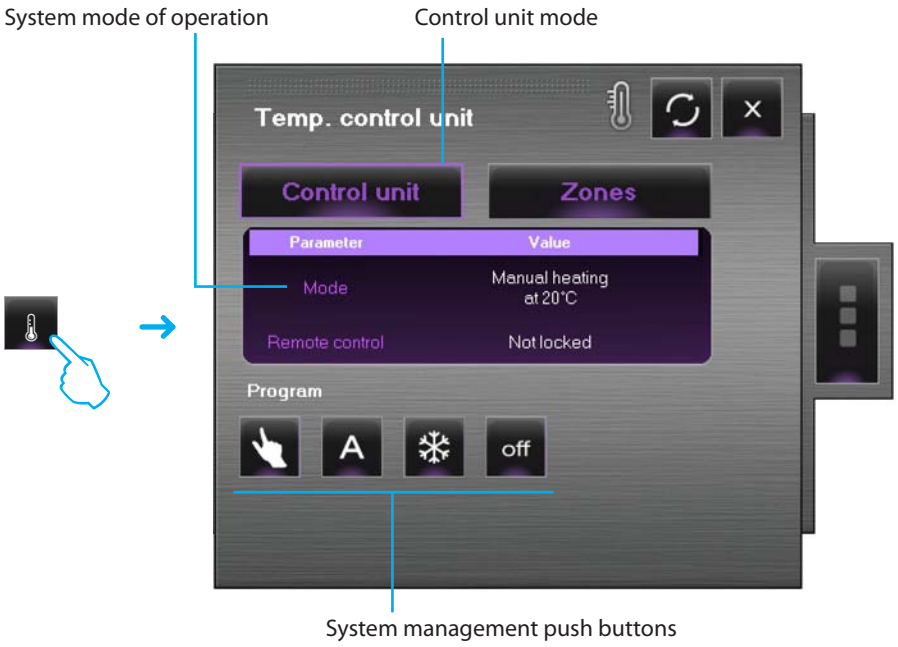
This object gives a synchronised view of the devices connected to a load control unit.



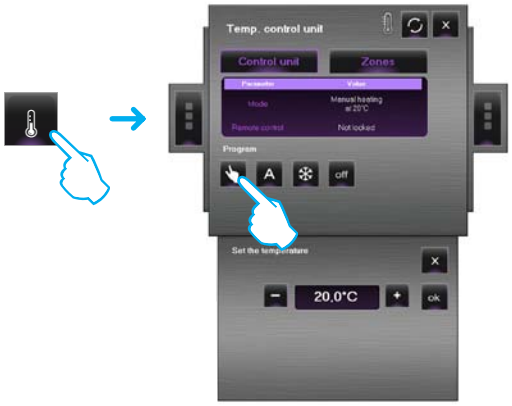
If there is an overload, one of these devices may be disabled. Click on the push button at the right of the deactivated load to force the state to reactivate it.

Using the temperature control unit object (99-zone central unit)

This object can set the temperature and set the antifreeze/thermal protection mode for the whole temperature control system.
There are some programs to set the system temperature. These can be selected in the **Temperature control Programs** section.



Set the temperature



> Select **MANUAL**

1 > Set the temperature
2 > Confirm

The mode of operation (Manual Heating) now appear in the window

Set ACTIVATE HOLIDAY

This function can select a particular daily profile for a determined period.

> Enter the **Temperature control Programs** section

1 > Select **ACTIVATE HOLIDAY**
2 > Confirm

1 > Select date and time (e.g. 16/12/10, time 17:38)
2 > Select a weekly program (e.g. heating 2)
3 > Confirm

The Holiday Heating mode now appears in the window

The holiday program will be performed until 17:38 on December 16th 2010. After that date, heating program 2 will be activated.

Set ACTIVATE WEEKLY PROGRAM

This function can select a weekly program saved in the temperature control unit.

> Enter the **Temperature control Programs** section

1 > Select **ACTIVATE WEEKLY PROGRAM**

2 > Confirm

1 > Select a weekly program (e.g. heating 3)

2 > Confirm

The Heating Program mode now appears in the window

With this option the system will work in automatic mode following the program set in heating program 3.

Set ACTIVATE SCENARIO

This function can select a scenario from those saved in the temperature control unit.

> Enter the **Temperature control Programs** section

1 > Select **ACTIVATE SCENARIO**
2 > Confirm

1 > Select a scenario (e.g. heating scenario 4)
2 > Confirm

The Heating Program mode now appears in the window

In this mode different temperatures can be saved in various zones of the system as saved in heating scenario 4.

Set HOLIDAYS

This function can set the Holiday mode.

> Enter the **Temperature control Programs** section

1 > Select HOLIDAYS
2 > Confirm

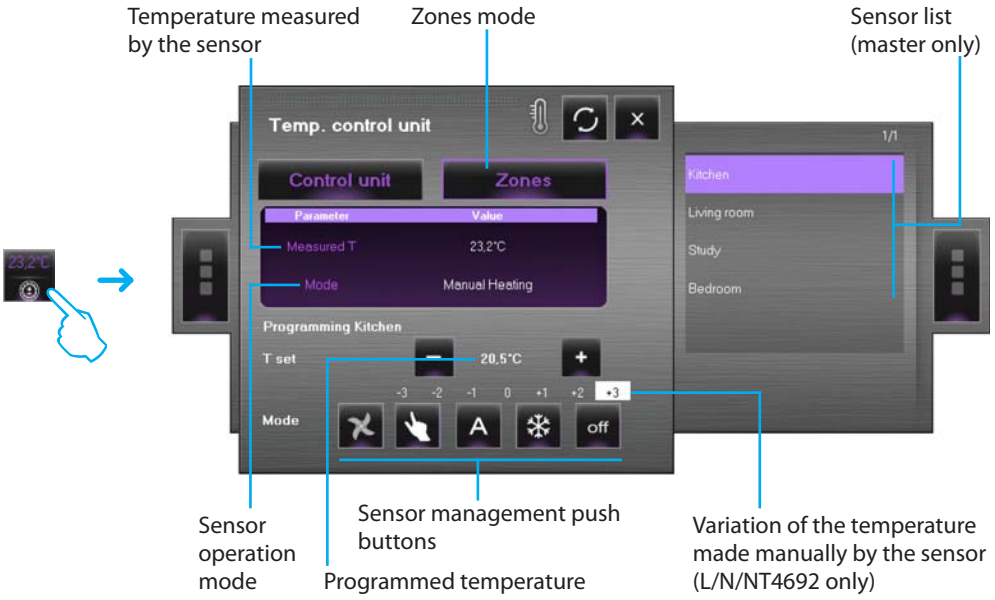
1 > Select date and time (e.g. 16/12/10, time 17:42)
2 > Select a weekly program (e.g. heating 2)
3 > Confirm

The Holidays Heating mode now appears in the window

In this way the system will remain in antifreeze mode until 17:42 on December 16th 2010. After that date, heating program 2 will be activated.

Using the temperature control sensor object (99-zone central unit)

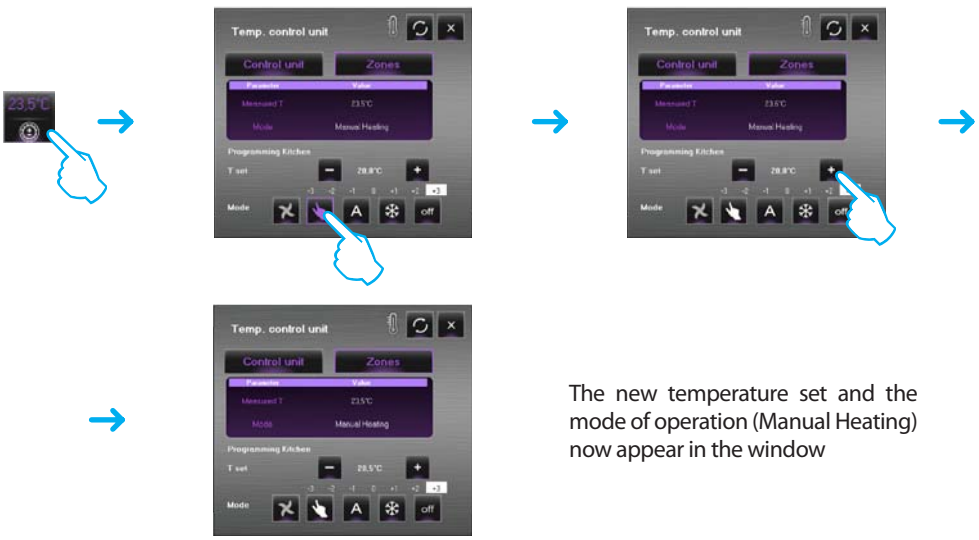
This object can control a temperature control sensor in the system. Click on the object in the Monitoring area to display the sensor data and set the temperature and the antifreeze/thermal protection mode and the forced switching off of the zone.



Sensor management push buttons

- Set the temperature manually
- Return to the mode previously selected
- Set the antifreeze/thermal protection mode
- Set the forced switching off of the zone
- Set the Fan-coil sensor speed, if applicable

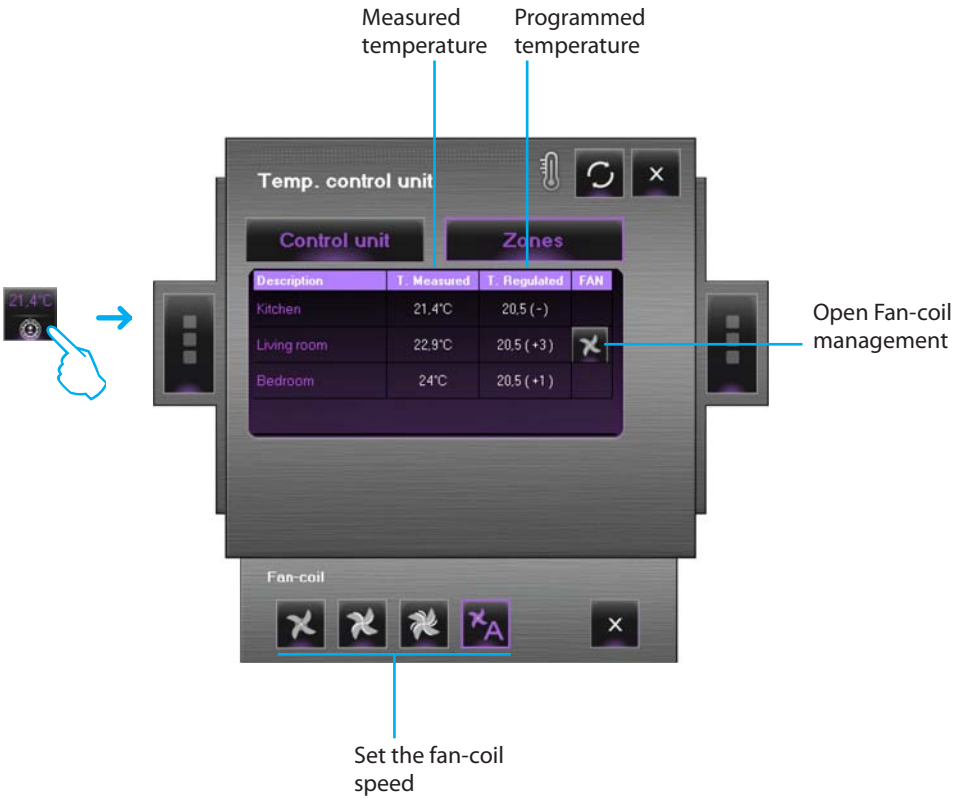
Example – Increase the temperature by 0.5 °C with respect to that set by the control unit.



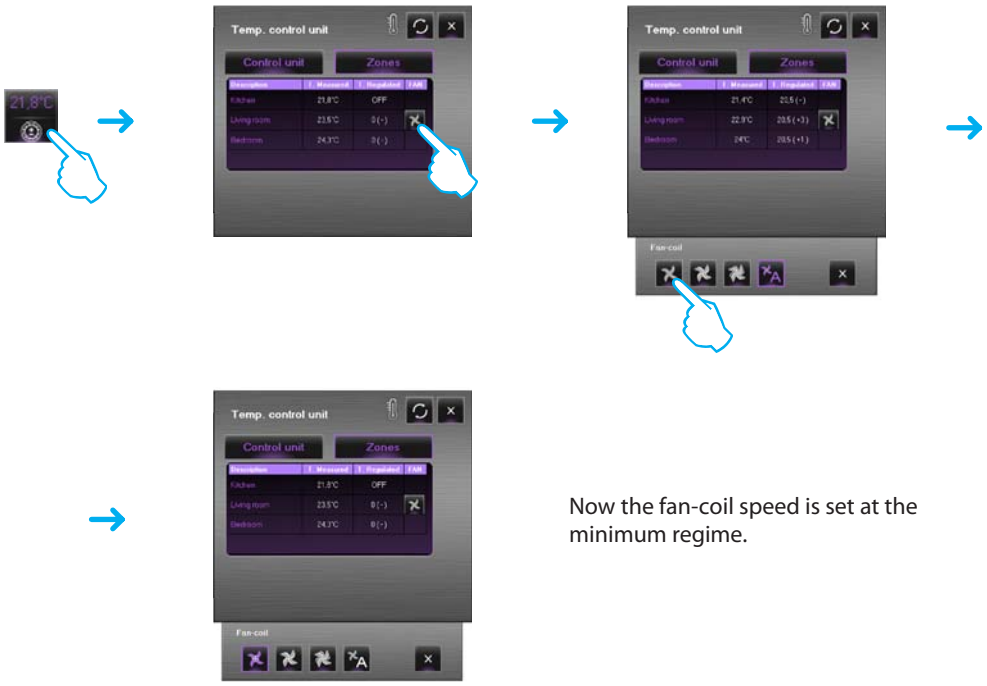
The new temperature set and the mode of operation (Manual Heating) now appear in the window

Using the temperature control sensor object (4-zone central unit)

This object is used to display the temperatures measured and set, detected by the system sensors. For the "Fan-coil" sensors, the fan-coil speed can also be set.



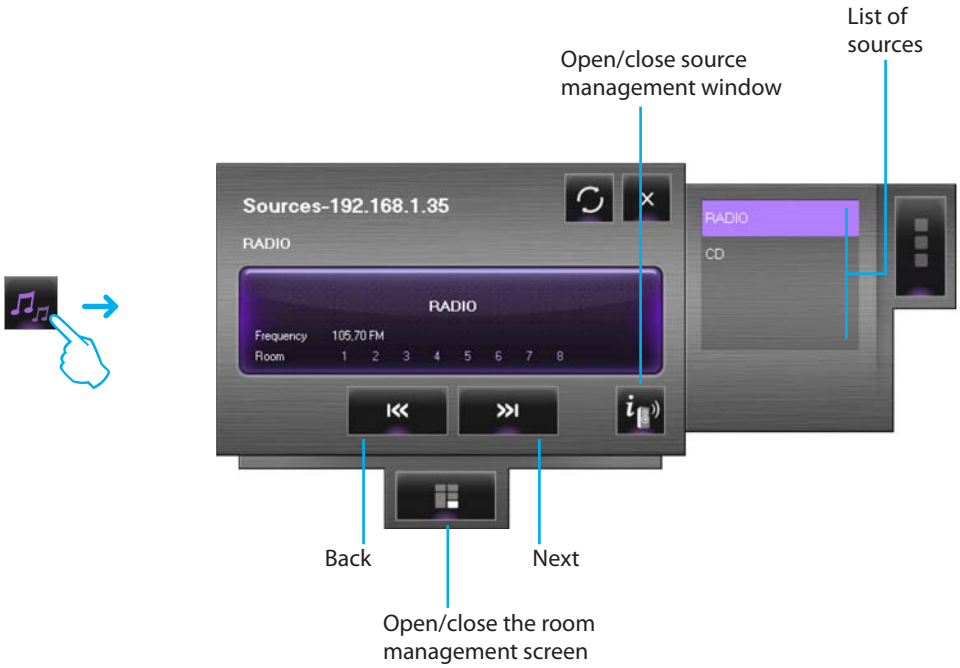
Example – Setting the minimum speed of the fan-coil of a Fan-coil sensor.



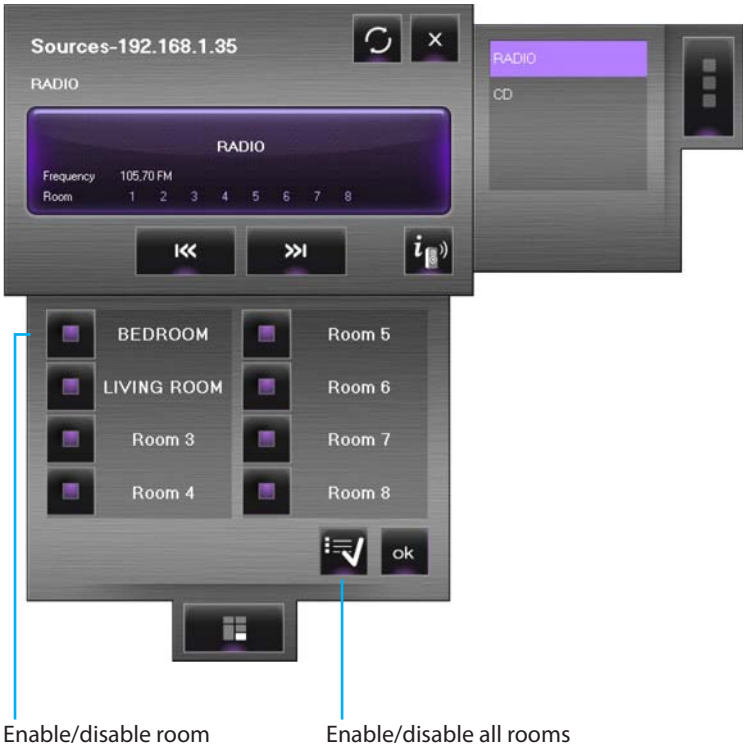
Now the fan-coil speed is set at the minimum regime.

Using the sound source object

This object can control a sound source in the system.



The room management screen can be used to set in which rooms a sound source can be listened to.



Example – Save a station tuned as "station 1"

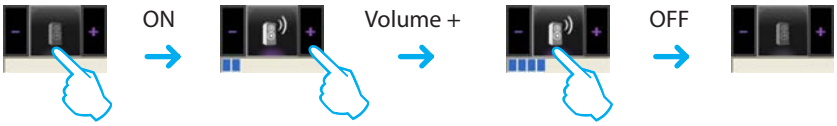
> Open the source management window

1 > Tune the frequency desired
2 > Click **MEM**
3 > Click 1 to save the station

Using the Standard amplifier object

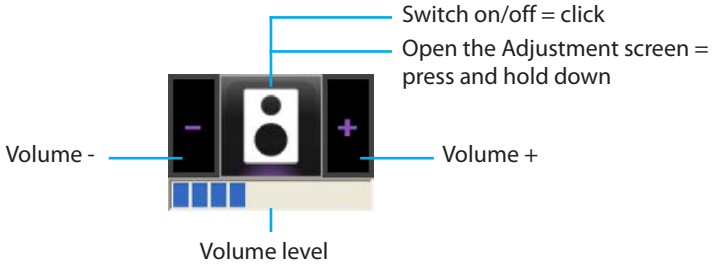
This object configured like an amplifier really present in the system (only point-point mode) can command and display the state of the amplifier itself.

The amplifier object is divided into 4 parts. The central part displays the state and switches the amplifier ON/OFF. The push buttons to left and right adjust the volume while the volume level appears in the lower visual display.



Using the Power amplifier object

This object, configured as power amplifier really present in the system, provides the user with the possibility of controlling and displaying the amplifier status. Differently from the standard amplifier, it is possible (using the appropriate screens) to perform advanced sound adjustments.



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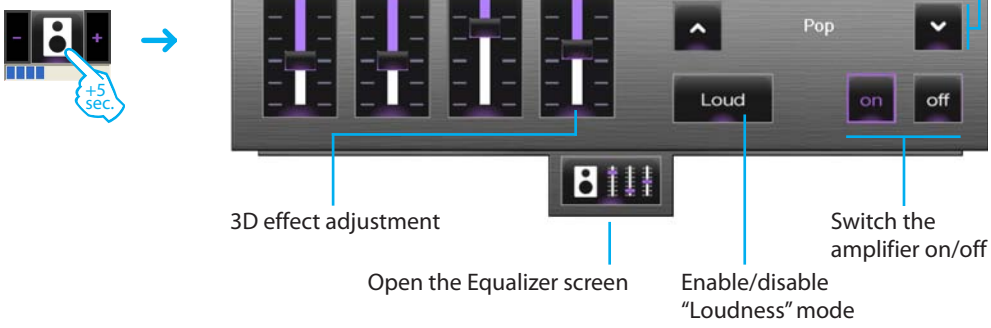
While in the Monitoring area, click and hold down the central section of the amplifier for more than 5 seconds to display the following screen to perform several sound adjustments:



Volume adjustment

Treble adjustment

Bass adjustment

Left/right channel balance adjustment

Selection of equalisation curves (preset or custom)

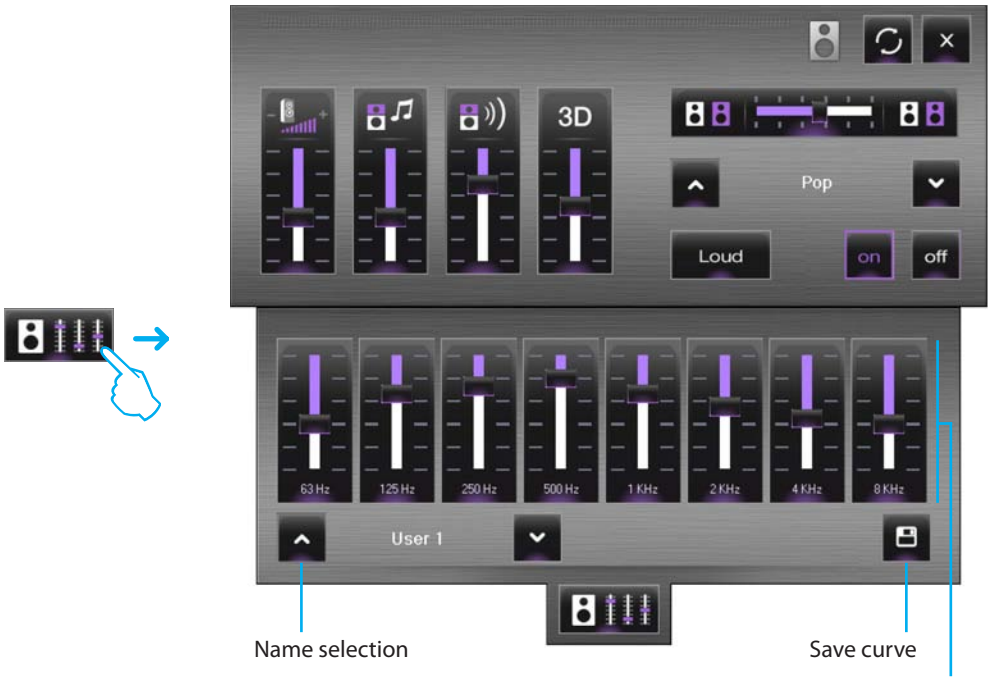
3D effect adjustment

Open the Equalizer screen

Enable/disable "Loudness" mode

Switch the amplifier on/off

By opening the Equalizer screen it is possible to perform advanced adjustments, which can then be saved

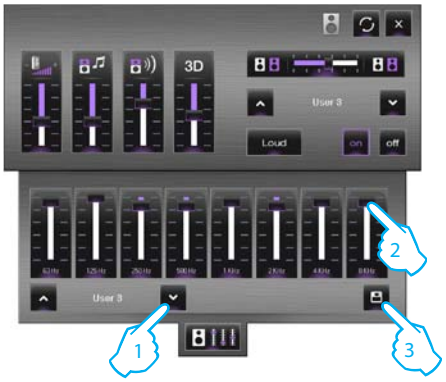


Name selection

Save curve

Advanced adjustments

Example - Saving a customised curve (user 3).



1 > Select the curve to be customised
2 > Perform the desired sound adjustments
3 > Click Save to save the curve

Using the clock object

This object can display/set the system time.

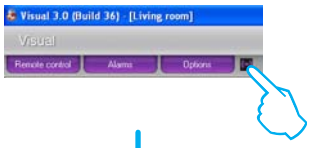
Update all the systems connected to the date and time set

Synchronise the Web Server time with the PC clock

If the object is set to display the system time, on clicking on it (Monitoring area) a window appears where the system time and date can be set.

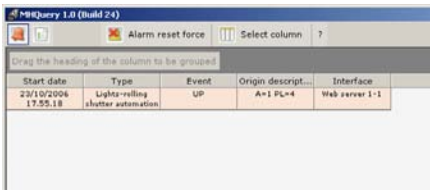
Managing an alarm – "Basic"

Example:
An SCS mover object has been configured to generate an alarm when it receives an UP command (rolling shutter raised); send a STOP command to end the alarm or reset the alarm by pressing the **Force alarm reset** key.



When an indication is given that the system has generated an alarm click on the **Alarm** icon. The **Alarm given** window is displayed.

A

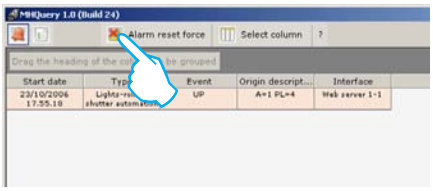


To end the alarm send a STOP command to end the alarm or reset the alarm by pressing the **Force alarm reset** key.

B

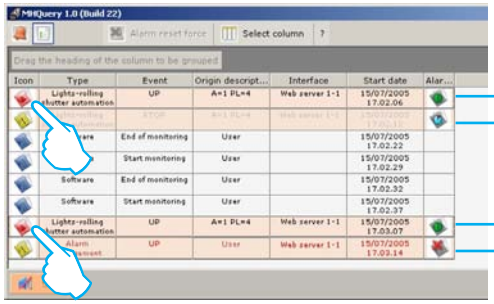
Use the mover which has generated the alarm to send a STOP command to the device in the system.

OR



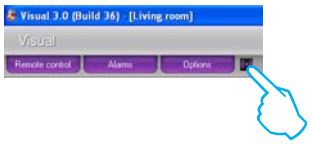
Click on the "Force alarm reset" key to force its reset.

In the **Event history** window, on selecting an alarm all the events linked to the alarm itself are shown (pink background). The "history" can thus be reconstructed.



Start alarm (UP)
End alarm (STOP)
A

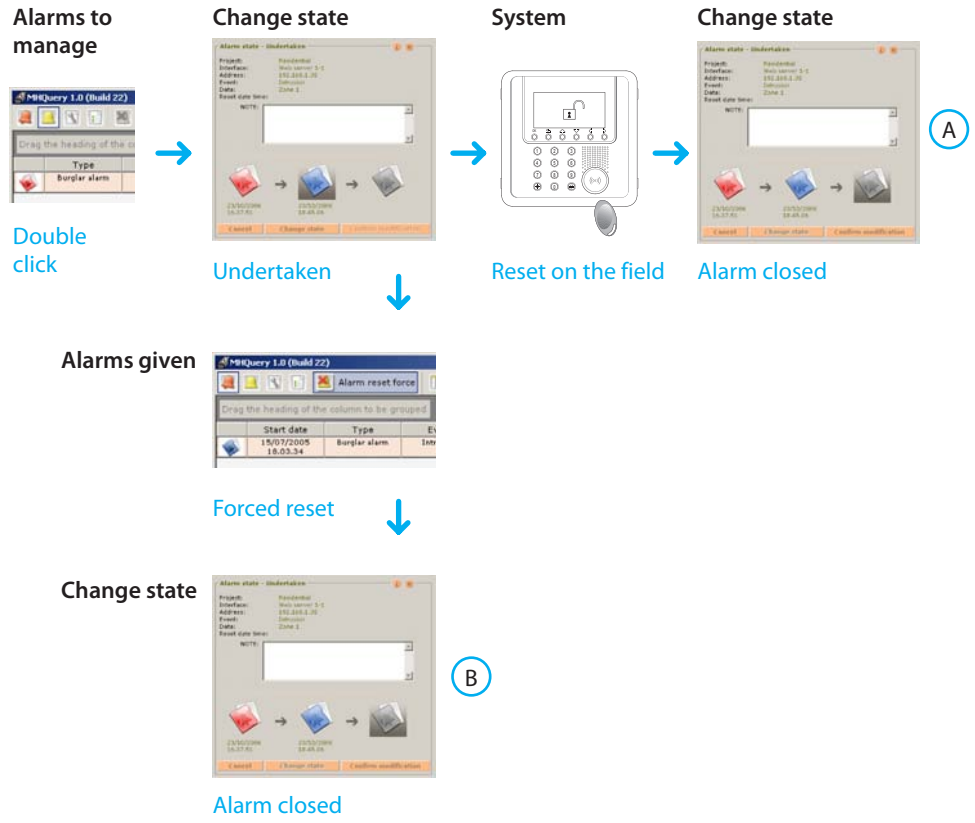
Start alarm (UP)
Forced reset
B



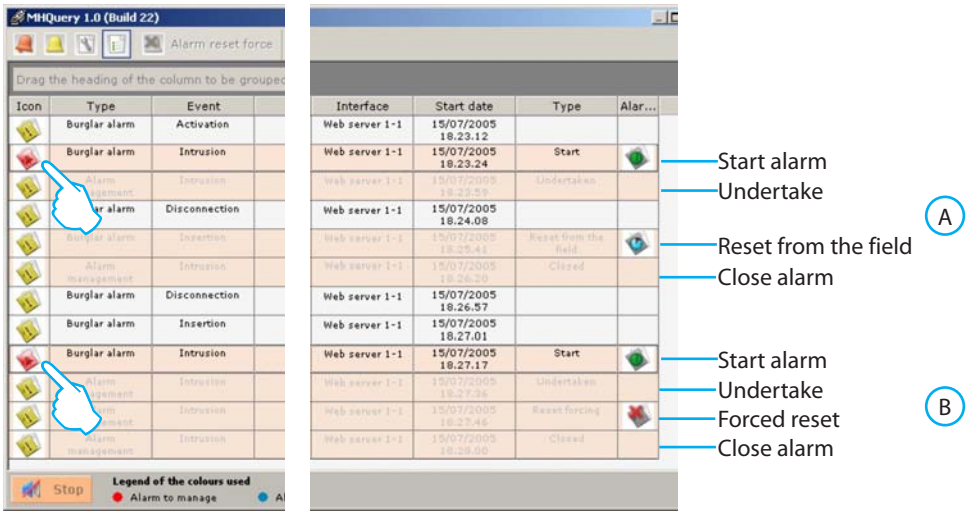
Managing an alarm – "Advanced"

Example: the burglar-alarm control unit has detected an intrusion alarm in zone 1.

Click on the **Alarm** icon to display the **Alarms given** window which shows the origin and cause of the alarm.
Then enter the **Alarms to manage** window by clicking on the key. Then proceed following the diagram shown below:



The **Event history** shows how the alarms have been managed.



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