

# **RISCONTROL SMART HOME GATEWAY QUICK INSTALLER GUIDE**

**Model:** RP432KPTZ

For use with RISCO Group's Security Systems

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## 1. Introduction

This document describes the procedure on how to use and configure the RisControl Smart Home Gateway, and how to connect to the RISCO Cloud to add and configure Smart Devices, such as light switches, shutters and thermostats.

**Note:** For optimum value and benefit, it is recommended to add a VUpoint camera to the installation.

## 2. System Setup

The following steps are required to prepare your system for configuration and operation

After wiring the RS-485 bus of the Security System successfully, the powerup procedure will begin automatically and shortly after the installer will be able to perform the RisControl setup.

The following workflow illustrates the recommended method for setting up the RisControl.

- **Step 1:** Selecting the language for the RisControl
- **Step 2:** Setting the Bus Address (Virtual DIP Switch)
- **Step 3:** Setting the Wi-Fi connection – for connecting the RisControl to the RISCO Cloud (optional)
- **Step 4:** Synchronizing the RisControl with the Security Setup

### 2.1. Step 1: Selecting the language for the RisControl

When the "Welcome" screen is displayed, select the preferred language that will be used in the RisControl screens.



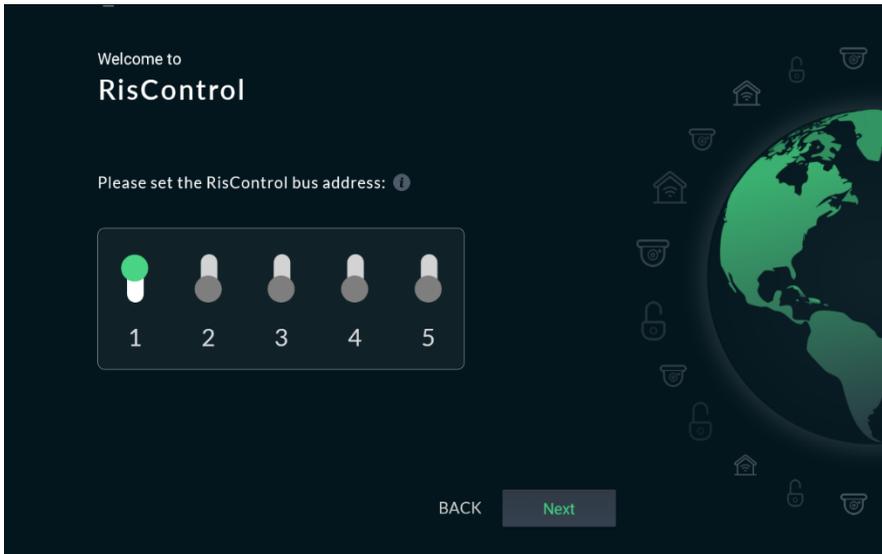
### 2.2. Step 2: Setting the Bus Address (Virtual DIP Switch)

1. Set the virtual toggle switches on the screen below to indicate the BUS address of the RisControl. For detailed instructions, refer to your receiver's installation manual, Setting BUS Accessories ID Numbers section.

**Note:** The RisControl will not communicate by BUS until prompted by the panel following the "Scan for devices" procedure that the installer initiates from the panel.

- Following address setup of the RisControl, click "NEXT".

**Note:** The setup procedure will continue in parallel with the time it takes for the RisControl to be added to the Security System (that has not yet "discovered" the other RisControl on the bus).



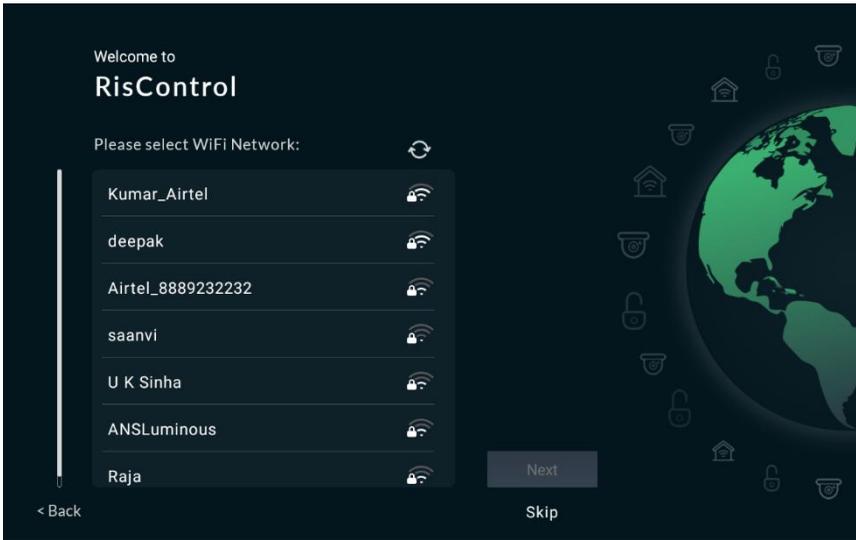
### 2.3. Step 3: Setting the Wi-Fi Connection (optional)

The RisControl can be connected to the RISCO Cloud via Wi-Fi.

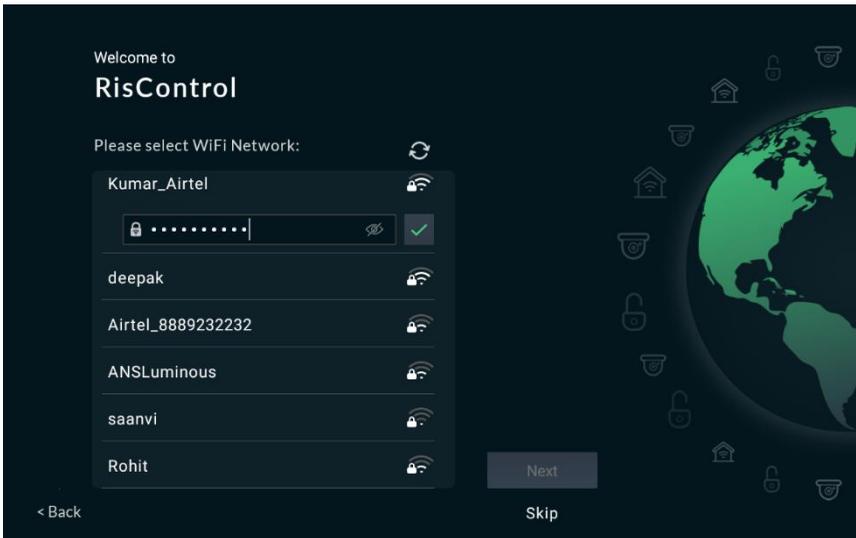
**Note:** The connection to the Wi-Fi can also be performed by the end-user at a later time.

- From the screen that appears, select a Wi-Fi network from the list.

**Note:** If RISCO Cloud connection is not required, click the "Skip" button.



2. Enter a password, to ensure Wi-Fi security

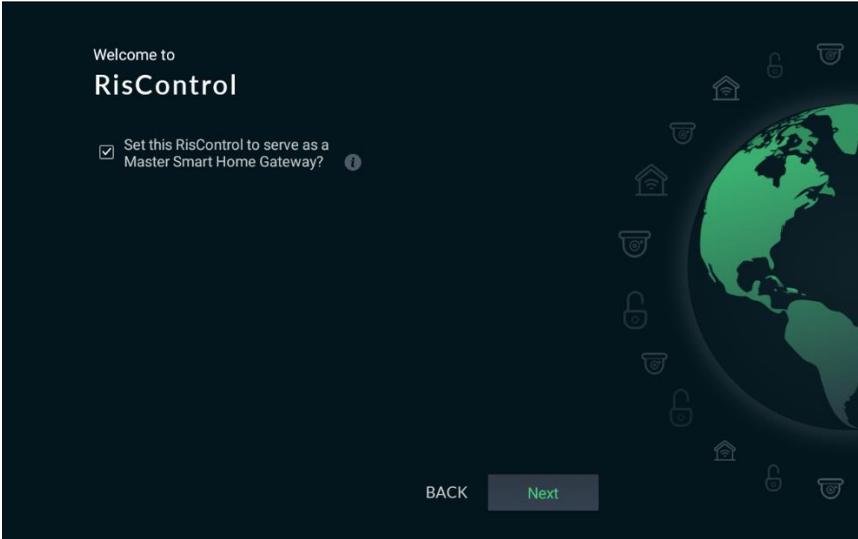


**Note:** If the unit is intended for Master Smart Home Gateway, it is required to connect to the Wi-Fi network. If not, this step is optional since the unit will operate as Slave Smart Home Gateway.

## 2.4. Step 4: Slave/Master Smart Home Gateway

### 2.4.1. Step 4a: Setup Slave/Master Smart Home Gateway

This screen is displayed only if a Master Smart Home Gateway was not discovered in the local area network.



**Note:** For Slave Smart Home Gateway, after pressing “NEXT” the setup procedure will end and the remainder of the setup procedure is relevant to the Master Smart Home Gateway only.

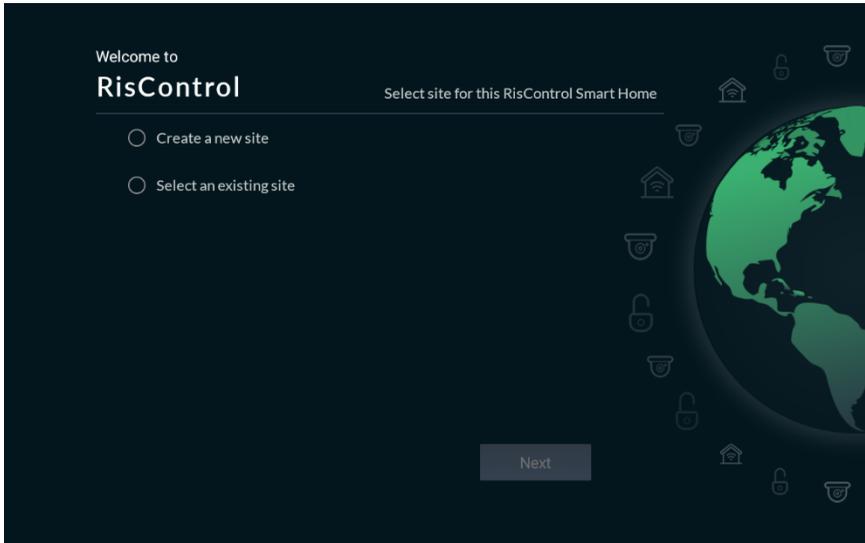
### 2.4.2. Step 4b: Installer Login to RISCO Cloud

Enter your RISCO Cloud Username and Password.



## 2.5. Step 5: Assigning a Site

The Master Smart Home Gateway must be assigned to a RISCO Cloud Site. Create a new site for the Master Smart Home Gateway or select an existing site.

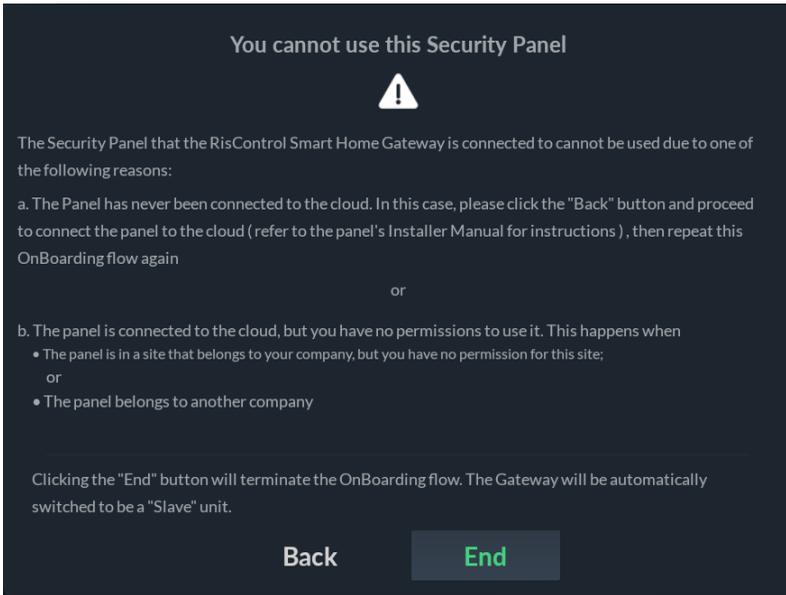


**Note:** If the panel is already in an existing site, you will be directed automatically to Step 6.

## IMPORTANT!

The following screen is displayed when the installer cannot use the control panel for the reasons mentioned on the screen.

Click the “BACK” button and correct as required or click the “END” button to terminate the setup procedure.



### 2.5.1. Step 5a: Create a New Site

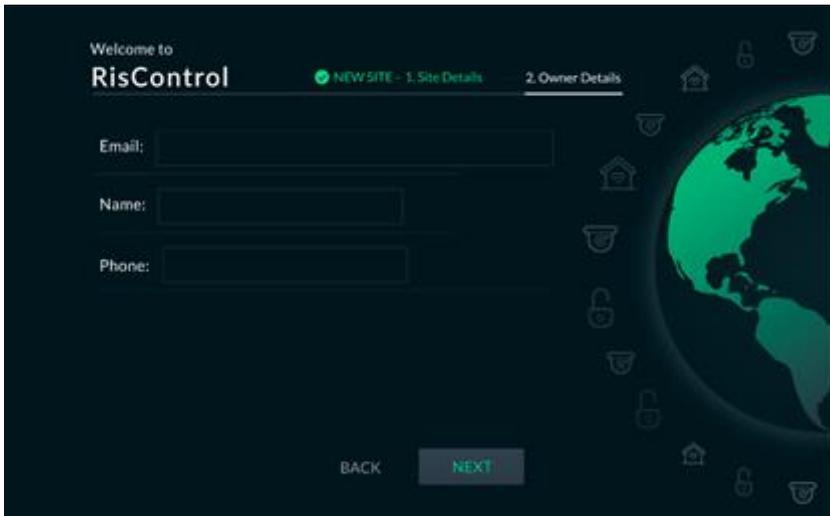
Enter the site details and then click the “NEXT” button:

Field	Description
Site Name	Enter a suitable name for your Site
Location	Select your country
State/Province	Select your state or province, if applicable
Address, Site Phone	Enter these details
Time Zone	Select your location time zone

### 2.5.2. Step 5b: Enter Owner Details

Enter the owner’s email, name and phone number, and then click the “NEXT” button:

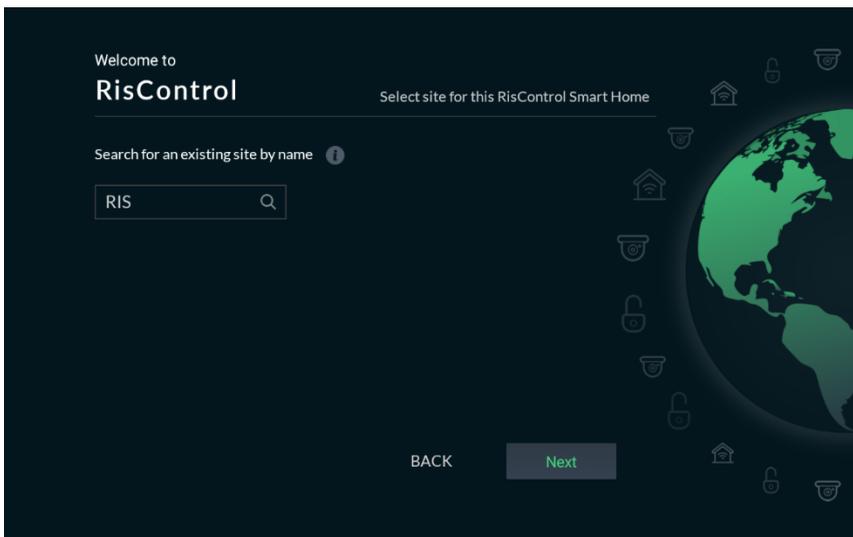
**Note:** The owner is the Grand Master of the site



### 2.5.3. Step 5c: Select Existing Site

Search for an existing site by the Site's Name.

**Note:** Relevant only for sites that are in your Company and for which you have permission to view.



If there is more than one existing site, select an existing site from the displayed list.

Welcome to  
**RisControl**

Select one existing site

Site name:

Site Name	Grand Master
RISCO	Prof Yoram Less

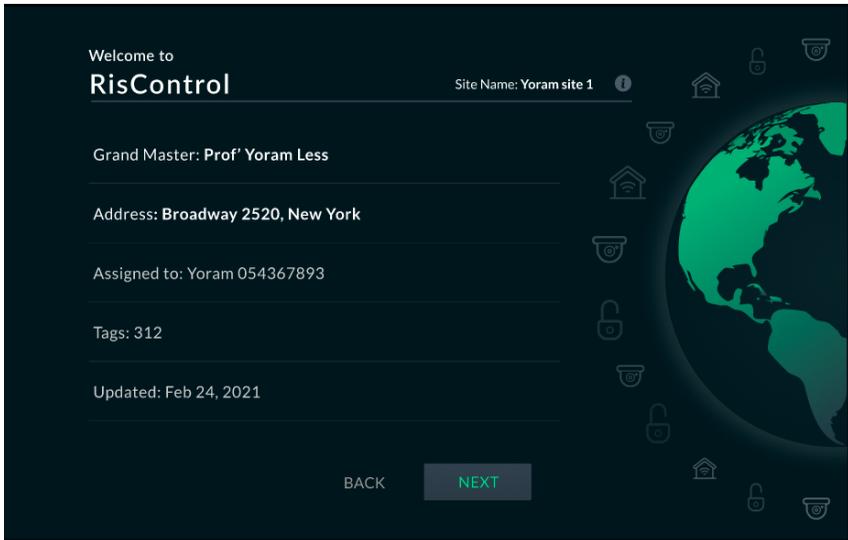
BACK

Next



## 2.6. Step 6: Site Details

Check the displayed site details and then click “NEXT” to confirm.



Welcome to  
**RisControl** Site Name: Yoram site 1

Grand Master: Prof' Yoram Less

Address: Broadway 2520, New York

Assigned to: Yoram 054367893

Tags: 312

Updated: Feb 24, 2021

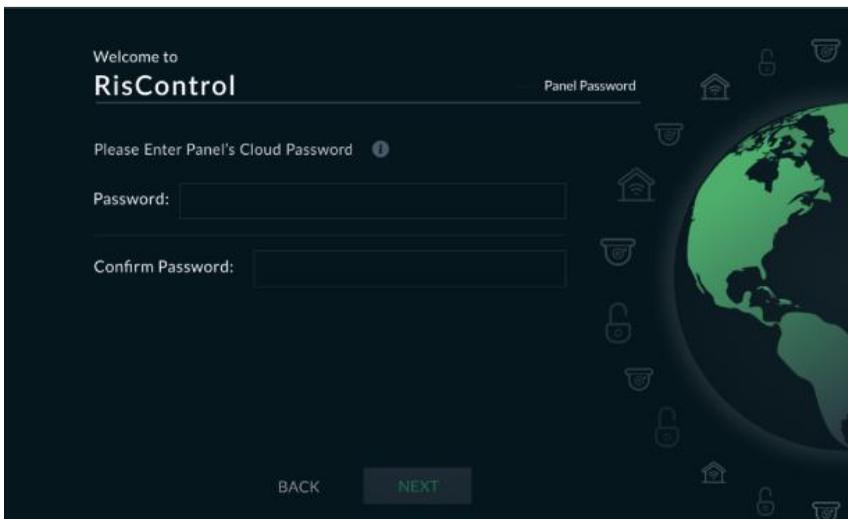
BACK NEXT

The screenshot shows a dark-themed interface for 'RisControl'. At the top, it says 'Welcome to RisControl' and 'Site Name: Yoram site 1'. Below this, there are five rows of site details: 'Grand Master: Prof' Yoram Less', 'Address: Broadway 2520, New York', 'Assigned to: Yoram 054367893', 'Tags: 312', and 'Updated: Feb 24, 2021'. At the bottom, there are two buttons: 'BACK' and 'NEXT'. The background features a globe and various security-related icons like a padlock, a house, and a camera.

## 2.7. Step 7 – Entering Panel’s Password

Enter the panel’s RISCO Cloud password and then enter it again to confirm. This ends the setup procedure for the Master Smart Home Gateway.

**Note:** The Panel Password screen below will appear only if the panel is not already in the site.



Welcome to  
**RisControl** Panel Password

Please Enter Panel's Cloud Password

Password:

Confirm Password:

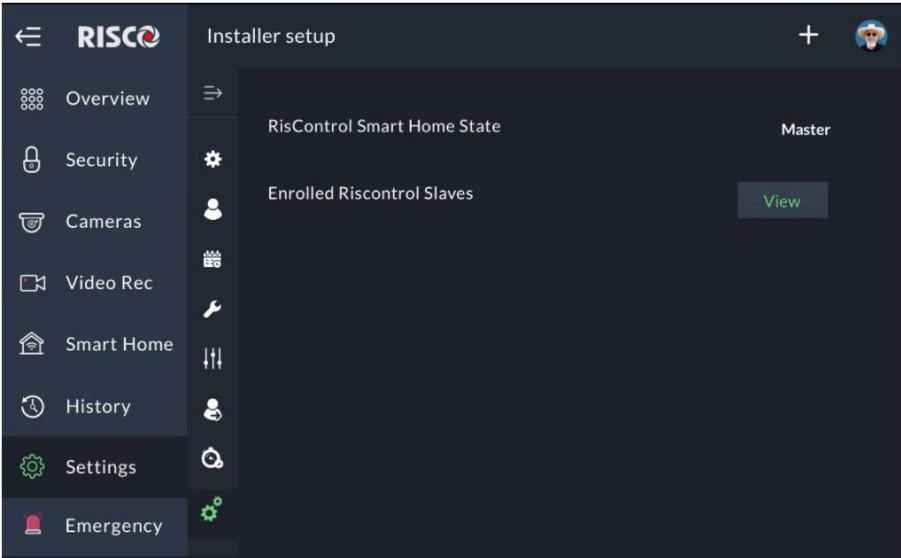
BACK NEXT

The screenshot shows a dark-themed interface for 'RisControl' with the title 'Panel Password'. It prompts the user to 'Please Enter Panel's Cloud Password'. There are two password input fields: 'Password:' and 'Confirm Password:'. At the bottom, there are two buttons: 'BACK' and 'NEXT'. The background features a globe and various security-related icons like a padlock, a house, and a camera.

**Note:** The panel’s password is used by the RISCO Cloud for validating its communication with the security system in the site and is required in order to add the panel to the selected or created site. The default password for the new panel is “AAAAA”.

## 2.8. Step 8a – Master Smart Home Gateway Installer Setup

From the Settings Menu, select Installer Setup.



**Note:** The “Master” state of the RISCO Smart Home Gateway can be changed only by performing Factory Reset to the unit.

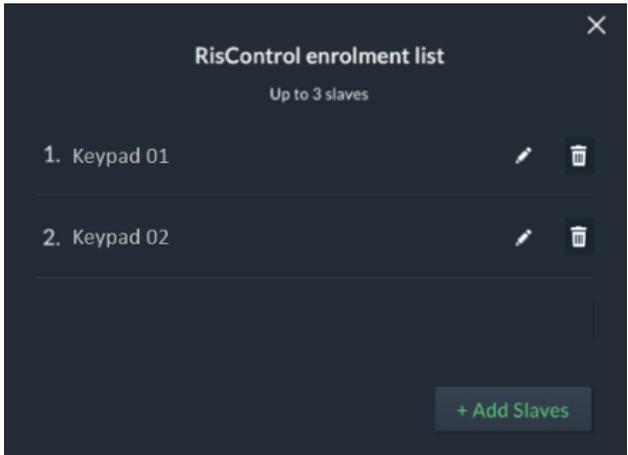
## 2.9. Step 8b – Adding Slaves to the Master Smart Home Gateway

1. In Enrolled Riscontrol Slaves, click the “View” button.

The screen that opens displays a list of enrolled Slave Gateways in the Master Smart Home Gateway.

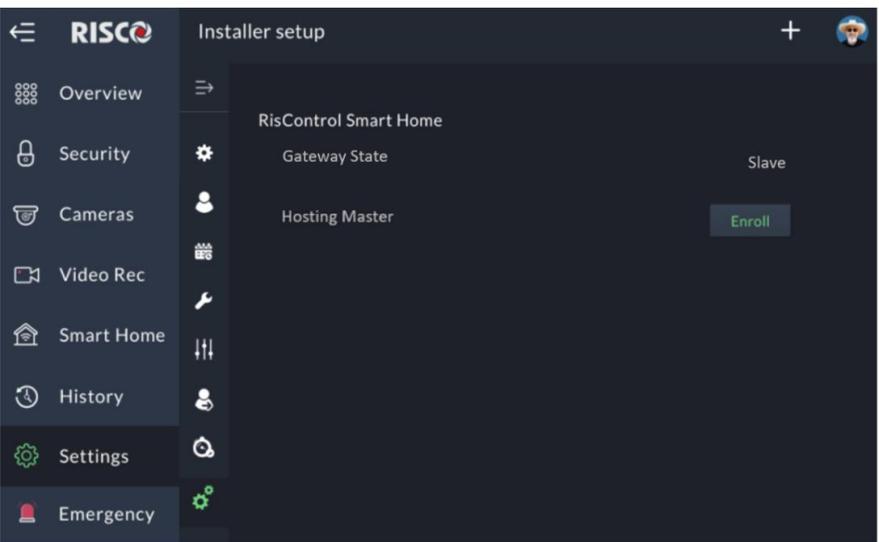
2. Perform one of the following:

- Click “+Add Slaves” to add (enroll) a Slave Gateway (up to 3)
- Click  to edit a Slave Gateway name
- Click  to remove a Slave Gateway from the Master Smart Home Gateway



### 2.10. Step 8c – Slave Smart Home Gateway Installer Setup

1. After entering the RisControl using your Installer Code, go to Settings menu and select Installer Setup.
2. In Hosting Master, click the “Enroll” button to enroll this Slave Gateway to the Master Smart Home Gateway.

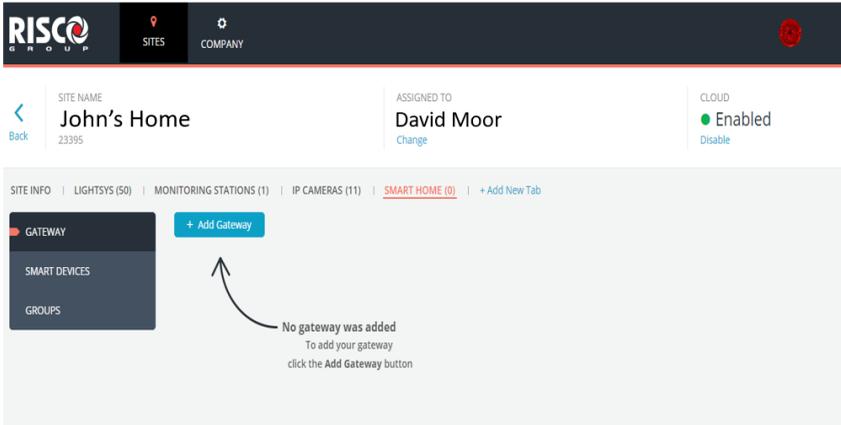


# 3. Registration and Management of the RisControl Smart Home Gateway

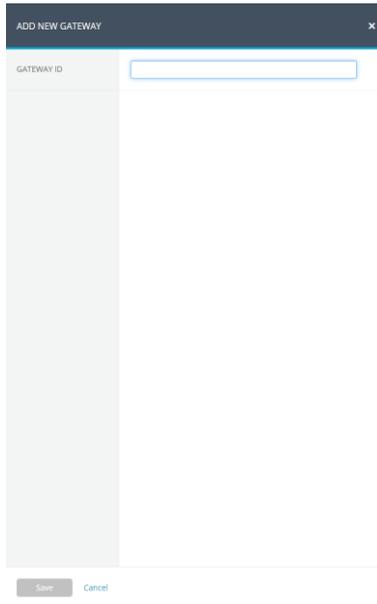
## 3.1. Adding the RisControl Smart Home Gateway to a Site

**Note:** If the RisControl Smart Home System Setup was not done, you can perform the procedure via the RISCO Cloud (see 2. *System Setup*).

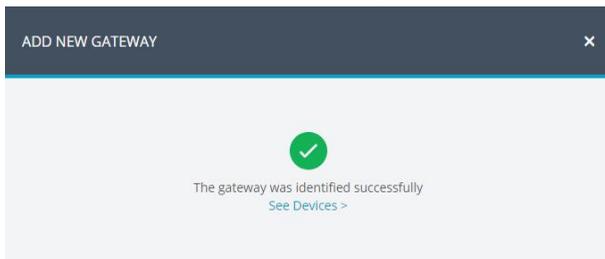
1. Click the Smart Home Sub Tab and then the GATEWAY Side Tab.



2. Click the **+ Add Gateway** button; the ADD NEW GATEWAY Side Panel opens.



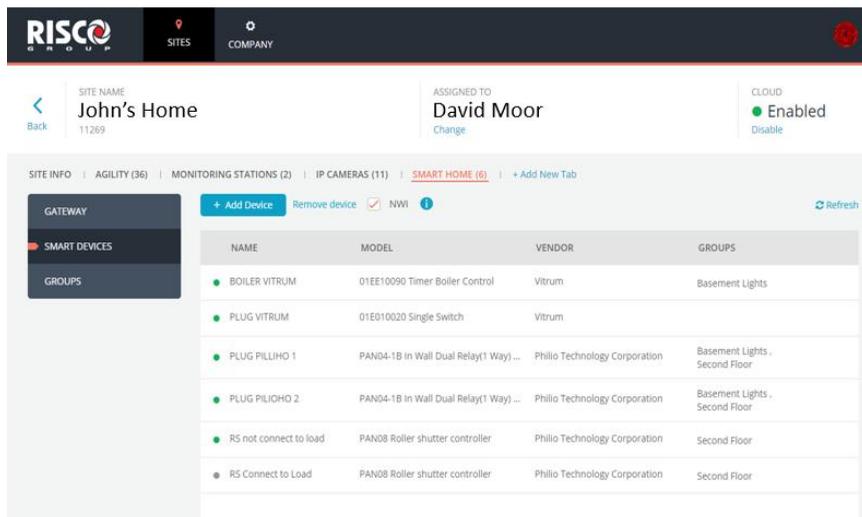
- In the **GATEWAY ID** field, enter the 12-digit MAC address of the Gateway printed on the bottom of the RisControl Smart Home Gateway unit box.
- Click ; the RisControl Smart Home Gateway is now registered to the site; the following success screen opens.



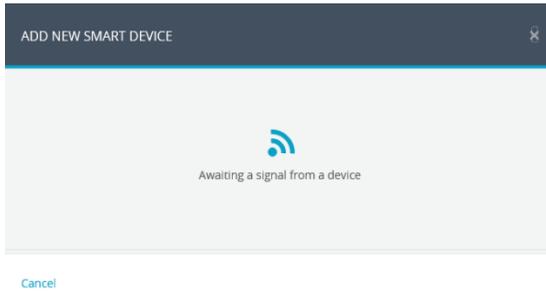
- Click  to complete the procedure.

### 3.2. Registering a Z-Wave® Smart Device

- Click the RisControl Smart Home Sub Tab, then click the Smart Devices Side Tab and then click . Select the option  Include Device



- When the ADD NEW SMART DEVICE Side Panel opens, the Gateway enters the Inclusion Mode and waits for an Inclusion signal from the device to be added.

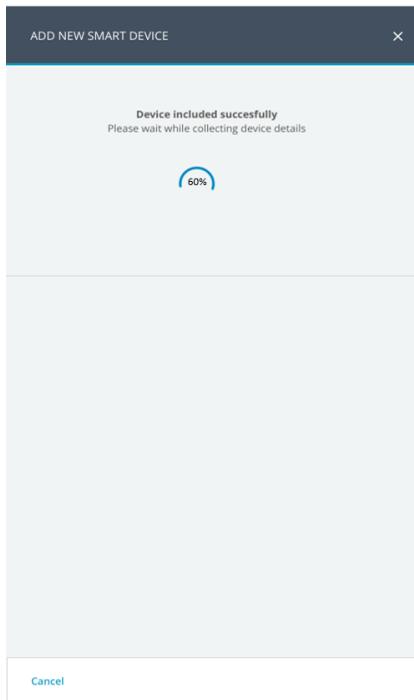


3. Manually enter the Smart Device into Inclusion Mode, according to the device's Installation Instructions.

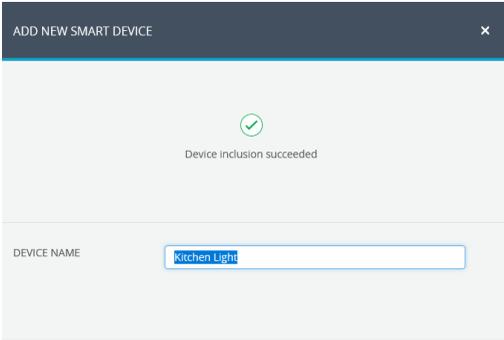
**Note:** The Home Automation Gateway will wait for 2 minutes to receive an Inclusion signal from the new Z-Wave® Smart Device before the timeout period elapses.

Once the device has established initial connection with the RISCO Gateway, it will begin to collect data (such as, features, setups and capabilities) from the Smart Device.

During data collection (which takes between several seconds to several minutes to complete) the following Side Panel opens.



4. In the **Device Name** field that shortly opens, enter a name for the device that best describes its function and/or location and then click  .



ADD NEW SMART DEVICE ×

  
Device inclusion succeeded

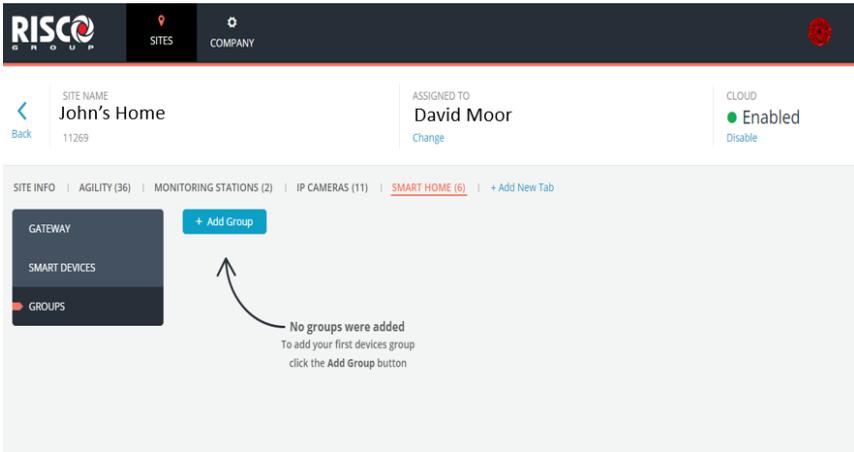
DEVICE NAME

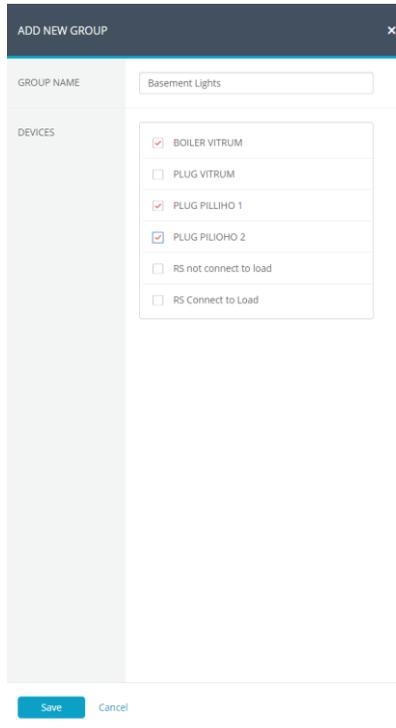
### 3.3. Creating a Group of Devices

You can create groups of devices and include a specific Smart Device in any group you want.

1. Click the **GROUPS** Side Tab.



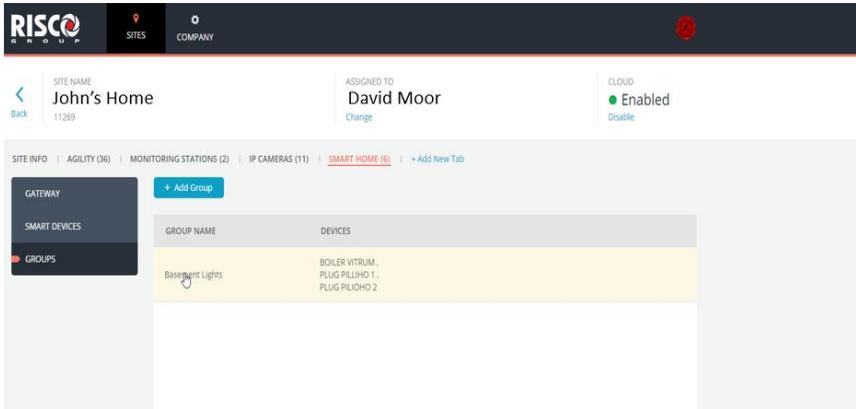
2. Click the **+ Add Group** button; the **ADD NEW GROUP** Side Panel opens.



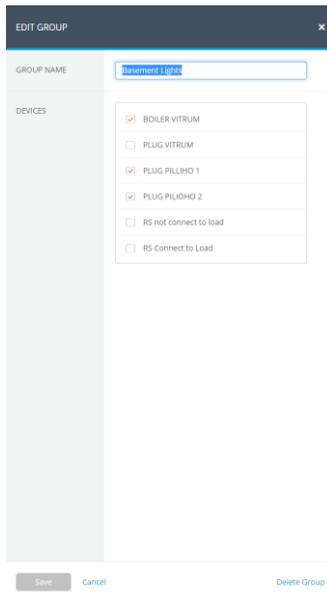
3. In the **GROUP NAME** field, enter the name of the group.
4. Under **DEVICES**, select the devices to be included in the group.
5. Click  .

### 3.4. Editing a Group of Devices

1. Click the **GROUPS** Side Tab; the following screen appears displaying a list of all the groups created with their assigned devices.



2. Select the group to be edited; the **EDIT GROUP** Side Panel opens.



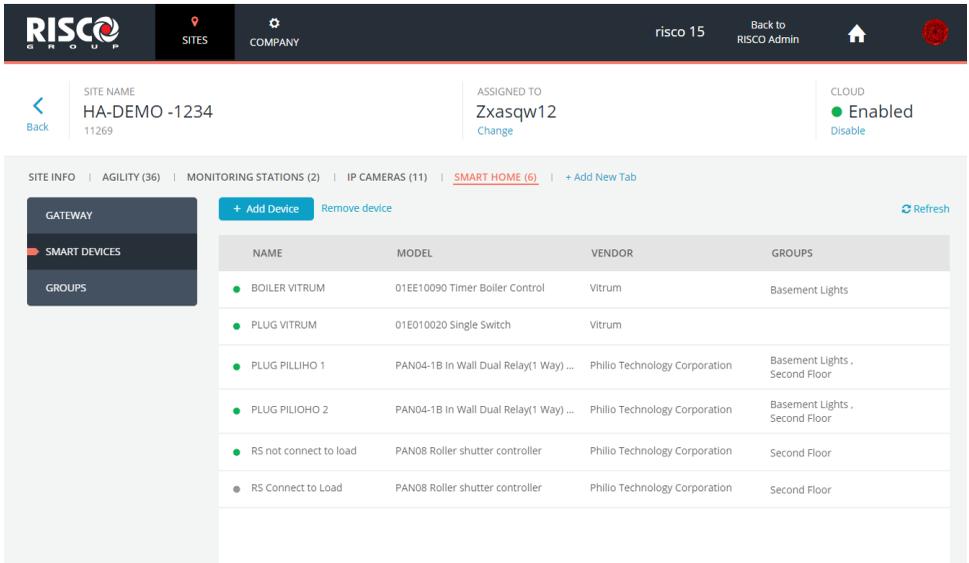
3. Make the necessary changes.

- Click .
- If you want to delete the group, click the **Delete Group** link. To cancel the action, click **Cancel**.

### 3.5. Removing a Z-Wave® Device

#### To Delete a Z-Wave® Device:

- From the Sites List of the RISCO Cloud, click the SITE that you wish to enter.



The screenshot shows the RISCO Cloud interface for a site named 'HA-DEMO -1234'. The 'SMART HOME (6)' sub-tab is selected. A table lists smart devices with columns for NAME, MODEL, VENDOR, and GROUPS.

NAME	MODEL	VENDOR	GROUPS
BOILER VITRUM	01EE10090 Timer Boiler Control	Vitrum	Basement Lights
PLUG VITRUM	01E010020 Single Switch	Vitrum	
PLUG PILLIHO 1	PAN04-1B In Wall Dual Relay(1 Way) ...	Philio Technology Corporation	Basement Lights . Second Floor
PLUG PILLIHO 2	PAN04-1B In Wall Dual Relay(1 Way) ...	Philio Technology Corporation	Basement Lights . Second Floor
RS not connect to load	PAN08 Roller shutter controller	Philio Technology Corporation	Second Floor
RS Connect to Load	PAN08 Roller shutter controller	Philio Technology Corporation	Second Floor

- Click the SMART HOME Sub Tab, then click the SMART DEVICES Side Tab and click ; the REMOVE DEVICE pop-up window appears.



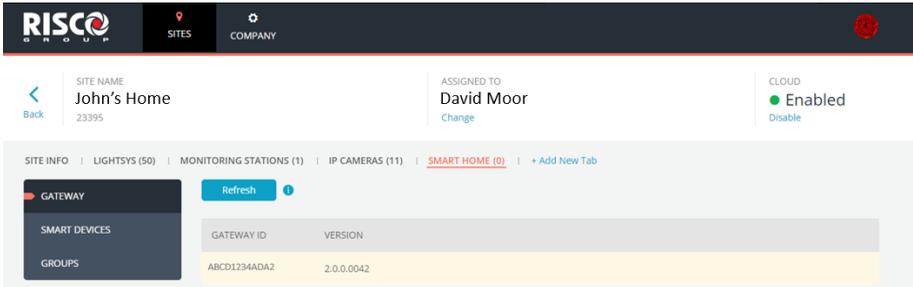
- Activate the Exclude mode for the Smart Device that you want to exclude, according to the device's Installation Instructions; after a short time, the device is removed.

### 3.6. Resetting the RisControl Smart Home Gateway Z-Wave® Settings

You can reset all the Z-Wave® settings of the RisControl Smart Home Gateway.

**Note:** This action will remove all the connected devices from the system.

1. Click the GATEWAY Side Tab.



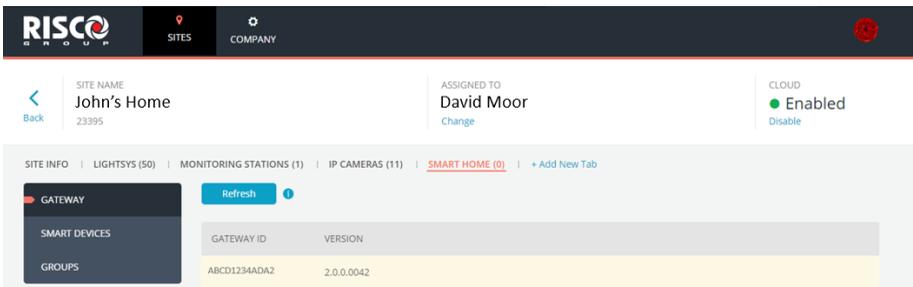
2. Click on the Gateway; the EDIT GATEWAY Side Panel opens.
3. If you are sure you want to proceed with the reset, click **Reset**, otherwise, click **Cancel**.

### 3.7. Deleting the RisControl Smart Home Gateway

You can delete the RisControl Smart Home Gateway from the site. The RisControl Smart Home Gateway will remain in the company's product list and can be added to another site.

**Note:** This action will not remove the RisControl Smart Home Gateway Devices from the Gateway's network.

1. Click the GATEWAY Side Tab.



2. Click on the Gateway; the EDIT GATEWAY Side Panel opens.

EDIT GATEWAY ✕

GATEWAY ID	D063B400C8BA
VERSION	2.0.0.0042

[Cancel](#) [Reset](#) [Delete Gateway](#)

3. If you are sure you want to delete the Gateway, click **Delete Gateway**. To cancel the action, click **Cancel**.

## 4. Advanced Features

### 4.1. Device Wake-Up Interval

The Device Wake-Up Interval setting is relevant to battery operated Smart Devices, where battery power saving is the main interest. During "wake up", the Smart Device exits a state of "Deep Sleep" and starts communicating with the Z-Wave® gateway controller. The controller will then update the Smart Device with any information that is relevant to the device. Upon completion of the update, the device will return to the "Deep Sleep" state and will remain "asleep" until it wakes up again following another "Wake up Interval".

#### To Setup the Wake-Up Interval:

1. Enter the Site that you want to update.
2. Click the RisControl Smart Home Sub Tab and then click the Smart Devices Side Tab.
3. Click the device you want to setup the Wake-Up interval for; the EDIT SMART DEVICE Side Panel opens.

The screenshot displays the 'EDIT SMART DEVICE' configuration interface. It features a dark header with the title and a close button. The main content is organized into sections: 'DEVICE NAME' with a text input field containing 'LED for Test'; 'WAKE UP INTERVAL' with a numeric input field set to '600' and a unit of 'seconds', accompanied by a range note 'Wake Up range: 60 to 86400 seconds'; 'ASSOCIATIONS' showing 'Group Number: 6' and 'Associated with 9 devices', with an 'Edit' link and a '+ Add Another' button; and 'CONFIGURATION' with a 'Set Configuration' link. At the bottom, there are four buttons: 'Save Changes', 'Cancel', 'Replace Device', and 'Delete Device'.

4. In the **Wake Up Interval** field, enter a whole number within the range specified under the field and click  .

**Notes:**

- a. The device will be updated following the next wake up.
- b. If the device does not support Wake-Up, The WAKE UP INTERVAL field will not appear.

## 4.2. Device Association

### Warning!

Misuse of a device, such as, modifying or deleting an association or performing configuration without a reasonable working knowledge of the device can result in the damage of the device. Refer to the device instructions prior to performing such operations.

The association function allows to associate to a selected device any one or more of the other devices in the network.

**Note:** Battery operated devices will be updated after they wake up.

### To Setup Device Association:

1. Click the SMART DEVICES Sub Tab and then click one of the devices; the EDIT SMART DEVICE Side Panel opens.

EDIT SMART DEVICE

DEVICE NAME: LED for Test

WAKE UP INTERVAL: 600 seconds  
*Wake Up range: 60 to 86400 seconds*

ASSOCIATIONS: +Add association

CONFIGURATION: Set Configuration

Save Changes | Cancel | Replace Device | Delete Device

2. Click **+Add Association**; the ADD ASSOCIATION Side Panel opens.

# COMMAND\_CLASS\_ASSOCIATION

ADD ASSOCIATION

DEVICE NAME LED for Test

GROUP NUMBER 6

ASSOCIATED DEVICES

Maximum number of devices is 10.  
Please remove device in order to add another.

- Device 1 name

10 / 10 Devices

Add Association Cancel

3. Click the **GROUP NUMBER** drop-down list and select a Group Number of an association group that is enabled in the list.
  4. In the **ASSOCIATED DEVICES** list, select one or more devices from the list that you wish to associate with the selected device (“LED for TEST” in the above example).
- Note:** The number of associated devices is indicated at the bottom of the screen.
5. Click **Add Association** to create the association group; the EDIT SMART DEVICE Side Panel opens again.

The screenshot shows the 'EDIT SMART DEVICE' interface. It has a dark header with the title and a close button. The main content is organized into sections:

- DEVICE NAME:** A text input field containing 'LED for Test'.
- WAKE UP INTERVAL:** A numeric input field with '600' and the unit 'seconds'. Below it, a note says 'Wake Up range: 60 to 86400 seconds'.
- ASSOCIATIONS:** A box showing 'Group Number: 6' and 'Associated with 9 devices'. To the right is an 'Edit' link. Below the box is a '+ Add Another' link.
- CONFIGURATION:** A section with a 'Set Configuration' link.

At the bottom of the form, there are four buttons: 'Save Changes' (highlighted in blue), 'Cancel', 'Replace Device', and 'Delete Device'.

6. You can click the **Edit** link to edit the selected association group. From the EDIT ASSOCIATION Side Panel that opens, you can click **Remove Association** to delete the association group. You will return to the EDIT SMART DEVICE Side Panel.
7. You can click the **+Add Another** link and from the **ADD ASSOCIATION** Side Panel that opens, you can create a new association group.
8. Click  .

If the selected device, whose association groups are being edited, is in a state of “Deep Sleep”, the changes will be saved in the controller and the Smart Device will be updated with the changes only when it wakes up.

### 4.3. Replace/Delete Device

**Note:** The Replace Device and the Delete Device links will always be enabled since failures are not automatically detected.

The screenshot displays the 'EDIT SMART DEVICE' interface. It features a dark header with the title and a close button. The main content is organized into sections: 'DEVICE NAME' with a text input field containing 'LED for Test'; 'WAKE UP INTERVAL' with a numeric input field set to '600' and a unit of 'seconds', accompanied by a range note 'Wake Up range: 60 to 86400 seconds'; 'ASSOCIATIONS' showing 'Group Number: 6' and 'Associated with 9 devices', with an 'Edit' link and a '+ Add Another' button; and 'CONFIGURATION' with a 'Set Configuration' link. A bottom bar contains four buttons: 'Save Changes' (highlighted in blue), 'Cancel', 'Replace Device', and 'Delete Device'.

## To Replace/Delete a Device:

1. From the EDIT SMART DEVICE Side Panel, click **Replace Device**; the REPLACE SMART DEVICE Side Panel opens.



2. Manually send an Inclusion message from the new replacement Smart Device.  
If the replaced device was associated to other devices, these associations will be kept by the controller. However, all the associations that were registered in the replaced device will not be transferred to the replacing device.
3. To delete a Smart Device, click the **Delete Device** link.

## 4.4. Device Configuration

### Warning!

Misuse of a device, such as modifying or deleting an association or performing configuration without a reasonable working knowledge of the device can result in damage of the device. Refer to the device instructions prior to performing such operations.

### To Configure a Device:

1. From the SMART DEVICES Sub Tab, click the device you want to configure; the EDIT SMART DEVICE screen appears.

EDIT SMART DEVICE

DEVICE NAME: LED for Test

WAKE UP INTERVAL: 600 seconds  
*Wake Up range: 60 to 86400 seconds*

ASSOCIATIONS: Group Number: 6  
Associated with 9 devices [Edit](#)

+ Add Another

CONFIGURATION: [Set Configuration](#)

Save Changes | Cancel | Replace Device | Delete Device

2. Click the **Set Configuration** link; the SET CONFIGURATION screen appears.

SET CONFIGURATION	
DEVICE NAME	LED for Test
PARAMETER NUMBER	<input type="text" value="24356"/>
PARAMETER VALUE	<input type="text" value="4446333"/> <a href="#">Retrieve</a>
<input type="button" value="Set Parameter"/> <input type="button" value="Cancel"/>	

3. Enter the Parameter Number and Parameter Value (refer to the device instructions).

You can also retrieve the Parameter Value; enter the Parameter Number, leave the Parameter Value field blank and click **Retrieve**.

4. Click .

You will return to the **Edit Smart Device** screen where you can edit or delete any of the configurations.

## 4.5. S2 Inclusion

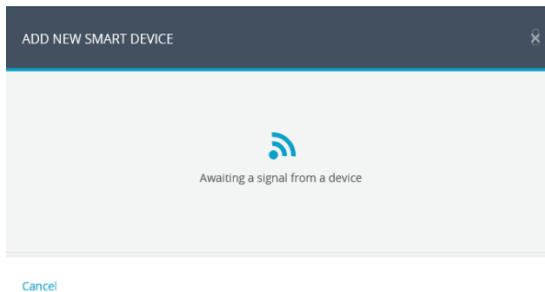
**Note:** S2 Inclusion is relevant only for S2 supported devices.

S2 Inclusion enables validation of device identity and prevents man-in-the-middle security attacks.

### To Include an S2 Device:

S2 Device Inclusion is similar to the Inclusion procedure for a regular Smart Device, as mentioned in 3.2 Registering a Z-Wave® Smart Device, with the additional instructions mentioned below.

1. From the Sites List of the RISCO Cloud click the site that you wish to enter.
2. Click the SMART HOME Sub Tab, then click the SMART DEVICES Side Tab and then click **Add Device** . Select the option **+ Include Device** ; the Add New Smart Device screen appears.



The controller is now in Inclusion mode, awaiting an Inclusion message to arrive from a Smart Device.

3. Manually activate the Inclusion on the Smart Device to be included; the following screen appears.

ADD NEW SMART DEVICE ×

Enter S2 Device Pincode (5 digits)

-16025-61136-26121-37129-48092-36696-60958

Next [Proceed unauthenticated](#)

4. Enter the 5-digit PIN code that appears on the device or device package; this number is usually underlined (see example below).



## 4.6. Network Wide Inclusion (NWI)

NWI enables adding devices that are outside of the direct range of a Z-Wave® controller, but within the range of one or more repeaters in the Z-Wave® network.

1. From the **Smart Devices** screen, select the **NWI** check box (enabled, by default).

The screenshot shows the RISCO Smart Home interface. At the top, there is a navigation bar with the RISCO logo, 'SITES', 'COMPANY', 'Elettroimpianti Rubele', 'Back to RISCO Admin', a home icon, and a user profile icon. Below the navigation bar, the site name 'Peraro Ezio casa' (ID: 856113) and the assigned user 'Michele Rubele' are displayed. A 'CLOUD' status indicator shows 'Enabled' with a green dot and a 'Disable' link. The main content area has a breadcrumb trail: 'SITE INFO | LIGHTSYS (50) | MONITORING STATIONS (0) | IP CAMERAS (4) | SMART HOME (12) | + Add New Tab'. On the left, there is a sidebar with 'GATEWAY', 'SMART DEVICES', and 'GROUPS'. The 'SMART DEVICES' section is active, showing a '+ Add Device' button, a 'Remove device' button, and a 'NWI' checkbox which is checked and circled in red. Below this is a table of smart devices:

NAME	MODEL	VENDOR	GROUPS
comando luci	FG5212 Relay Switch 1x2.5kW	Fibaro System	
Tapp camera centrale	FGR222 Roller Shutter Controller	Fibaro System	
Tapp bagno	FGR222 Roller Shutter Controller	Fibaro System	
Termostato	SRT-323 Battery Powered Wall Ther...	Secure	
Tapp camera matr finestra	FGR222 Roller Shutter Controller	Fibaro System	
Tapp camera matr porta	FGR222 Roller Shutter Controller	Fibaro System	
Tapp cameretta est	FGR222 Roller Shutter Controller	Fibaro System	
Tapp cucina finestra	FGR222 Roller Shutter Controller	Fibaro System	

2. Add the device.
3. Repeat steps 1 and 2 for other Smart Devices, as required.

## 4.7. Configuration

### 4.7.1. Garage Door

Activity indication can be configured via the RISCO Cloud.

You can select “Audio sound” and/or “Visual (LED)”.

The screenshot shows the 'EDIT SMART DEVICE' configuration interface. At the top, there is a dark header with the title 'EDIT SMART DEVICE' and a close button (X). Below the header, the configuration is organized into several sections:

- DEVICE NAME:** A text input field containing 'Garage Door'.
- ASSOCIATIONS:** A box showing 'Group 1: Lifeline' and 'Associated with: 1 Devices', with an 'Edit' link to the right.
- CONFIGURATION:** A button labeled 'Set Configuration'.
- CATEGORY:** A dropdown menu currently set to 'Doors'.
- ACTIVITY INDICATION:** Two checkboxes: 'Audio sound' and 'Visual (LED)', both currently unchecked. Each checkbox has a blue information icon (i) to its right.
- RE-READ SETTINGS:** A 'Re-Read' button with a blue information icon (i) to its left.

At the bottom of the form, there are three buttons: a blue 'Save' button on the left, and 'Replace Device' and 'Delete Device' buttons on the right.

## 4.7.2. Door Lock

### Door Lock (COMMAND\_CLASS\_DOOR\_LOCK)

You can configure the door lock Operation Type, “Constant” or “Timed”, via the RISCO Cloud.

The screenshot displays the 'EDIT SMART DEVICE' configuration interface for a 'Door Lock'. The settings are as follows:

- DEVICE NAME:** Door Lock
- ASSOCIATIONS:** Group 1: Lifeline, Associated with: 1 Devices (with an Edit button)
- CONFIGURATION:** Set Configuration
- CATEGORY:** Doors
- RE-READ SETTINGS:** Re-Read
- OPERATION TYPE:** Constant (selected), Timed
- AUTO-RELOCK TIME:** 0 h, 0 m, 0 sec
- HOLD AND RELEASE TIME:** 0 h, 0 m, 0 sec
- TWIST ASSIST:**
- BLOCK-TO-BLOCK:**
- ENABLE OUTSIDE DOOR HANDLES:**  Handle 1,  Handle 2,  Handle 3,  Handle 4
- ENABLE INSIDE DOOR HANDLES:**  Handle 1,  Handle 2,  Handle 3,  Handle 4

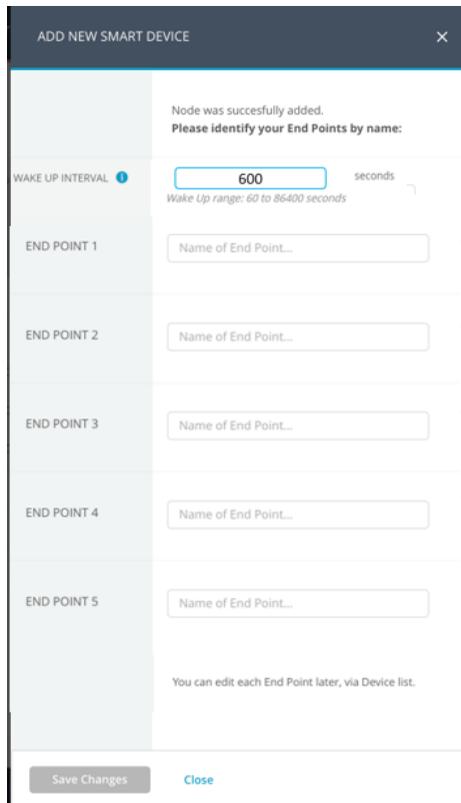
At the bottom of the form, there are three buttons: 'Save', 'Replace Device', and 'Delete Device'.

## 4.8. Multi Channel End Point Device

When including a multi-channel end point device, the Inclusion procedure has an additional step.

### To Add a Multi-Channel End Point Device:

1. Repeat the procedure mentioned in 3.2 Registering a Z-Wave® Smart Device. Upon completion of the data collection, the following screen opens where the user will be asked to enter the names of the End Points.



The screenshot shows a mobile application interface titled "ADD NEW SMART DEVICE" with a close button (X) in the top right corner. The screen displays a success message: "Node was successfully added. Please identify your End Points by name:". Below this, there are several configuration fields:

- WAKE UP INTERVAL:** A numeric input field containing "600" with a "seconds" label and a "Wake Up range: 60 to 86400 seconds" note below it.
- END POINT 1:** A text input field with the placeholder "Name of End Point...".
- END POINT 2:** A text input field with the placeholder "Name of End Point...".
- END POINT 3:** A text input field with the placeholder "Name of End Point...".
- END POINT 4:** A text input field with the placeholder "Name of End Point...".
- END POINT 5:** A text input field with the placeholder "Name of End Point...".

At the bottom of the screen, there is a note: "You can edit each End Point later, via Device list." and two buttons: "Save Changes" (grey) and "Close" (blue).

2. Enter the names of the End Points that have been included.

### Notes:

- a. If End Point names are not entered, the default names "End Point N" will be used.
  - b. If the Multi-Channel End Points device does not support "Wake Up Time", the WAKE UP INTERVAL field will not appear in the screen above.
3. Click  .

## 4.9. Editing a Multi-Channel End Point Device

After the Inclusion of a Multi-Channel End Point Device into the network, the End Points will be listed separately in the SMART DEVICES Side Panel.

The screenshot displays the RISCO Group user interface. At the top, there is a navigation bar with the RISCO Group logo, 'SITES', and 'COMPANY' tabs. Below this, the site name 'John's Home' (ID: 856113) is shown, along with the assigned user 'David Moor' and a 'CLOUD Enabled' status. The main content area features a breadcrumb trail: 'SITE INFO | LIGHTSYS (50) | MONITORING STATIONS (0) | IP CAMERAS (4) | SMART HOME (12) | + Add New Tab'. A sidebar on the left contains 'GATEWAY', 'SMART DEVICES', and 'GROUPS' sections. The 'SMART DEVICES' section is active, showing a table of devices. The table has columns for NAME, MODEL, VENDOR, GROUP #, and END POINT #. The devices listed include 'comando luci', 'Tapp camera centrale', five 'End Point' entries, and 'Tapp cucina finestra'. Each device has a green status indicator and a '...' menu icon. Above the table, there are buttons for '+ Add Device', 'Remove device', and 'NWI'. On the right, there are 'Network Heal' and 'Refresh' buttons.

NAME	MODEL	VENDOR	GROUP #	END POINT #
comando luci	FGS212 Relay Switch 1x2.5kW	Fibaro System	...	...
Tapp camera centrale	FGR222 Roller Shutter Controller	Fibaro System	...	...
End Point 1	This is Device's Model	Device's Vendor	...	1
End Point 2	This is Device's Model	Device's Vendor	...	4
End Point 3	This is Device's Model	Device's Vendor	...	7
End Point 4	This is Device's Model	Device's Vendor	...	11
End Point 5	This is Device's Model	Device's Vendor	...	3
Tapp cucina finestra	FGR222 Roller Shutter Controller	Fibaro System	...	...

### To Edit a Multi-Channel End Point Device:

1. From the SMART DEVICES Side Panel, click an End-Point device; the EDIT END POINT Side Panel opens.

2. Make the required changes and then click .

**Notes:**

- a. The WAKE UP INTERVAL field and the Replace Device and Delete Device buttons are pertinent to the entire Multi-Channel End Point device, and not specifically to the End Point that is being edited.
- b. The ASSOCIATIONS and CONFIGURATION parameters are set individually for the specific End Point.

#### 4.10. **Non-Preferred devices - Basic Command Set**

This product can be operated in any Z-Wave® network with other Z-Wave® certified devices from other manufacturers. All mains operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

When adding a Non-Preferred device, the device will be operated using a Basic Command Set. The controller will send the action values between 00 to 255, according to the value entered in the end-user’s app.

## 4.11. Update Device Connection

It is recommended to activate the automatic repair of the network communication only in case of network issues that disturbs the normal operation of the product.

When clicking the Update Device Connection button, the system checks all the devices in the zone and repairs the network in case of signal reception trouble.

The screenshot shows the RISCO user interface for a site named 'Brown Residence'. The top navigation bar includes the RISCO logo, 'SITES', and 'COMPANY' tabs. The main header displays the site name 'Brown Residence' with a 'Back' button, the assigned user 'Jo Kalbo', and a 'CLOUD' status set to 'Enabled'. Below the header, a breadcrumb trail shows 'SITE INFO | LIGHTSYS+ (512) | MONITORING STATIONS (0) | IP CAMERAS (0) | VIDEO DOORBELLS (0) | SMART HOME (7) | + Add New Tab'. A sidebar on the left contains 'GATEWAY', 'SMART DEVICES', and 'GROUPS' options. The main content area features a '+ Add Device' button, a 'Remove device' button, and a 'NW1' indicator. A red box highlights the 'Update Device Connection' button, which is accompanied by a 'Refresh' icon. Below this is a table of smart devices:

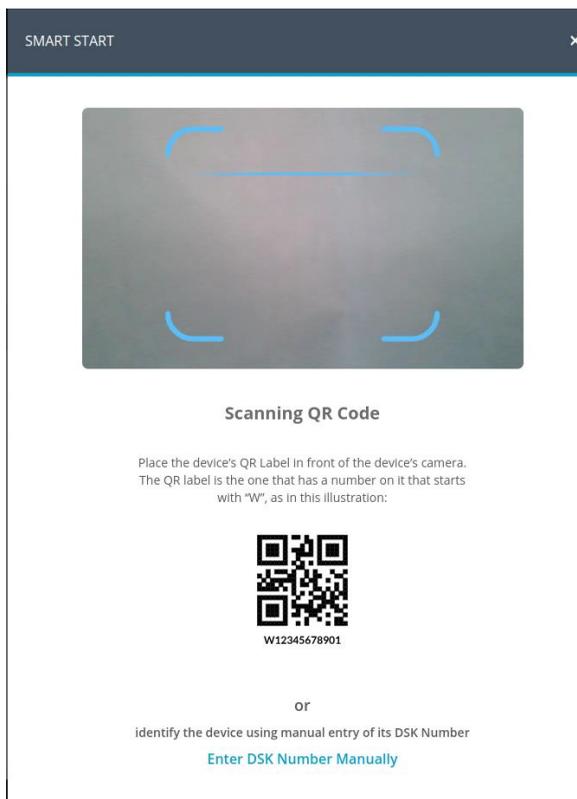
NAME	MODEL	VENDOR	GROUPS	END POINT
TKB DIMMER gen5	This smart dimmer plug in switch in a T...	Smart dimmer plug in switch	Grou...	
Door Lock	Danalock supports: - 50/52 Z-Wave Sec...	Danalock V3-BTZE	Grou...	
Smart device 5007	1. Elegant appearance, small size, easy ...	Smart Switch 7	Grou...	

## 4.12. SmartStart Inclusion

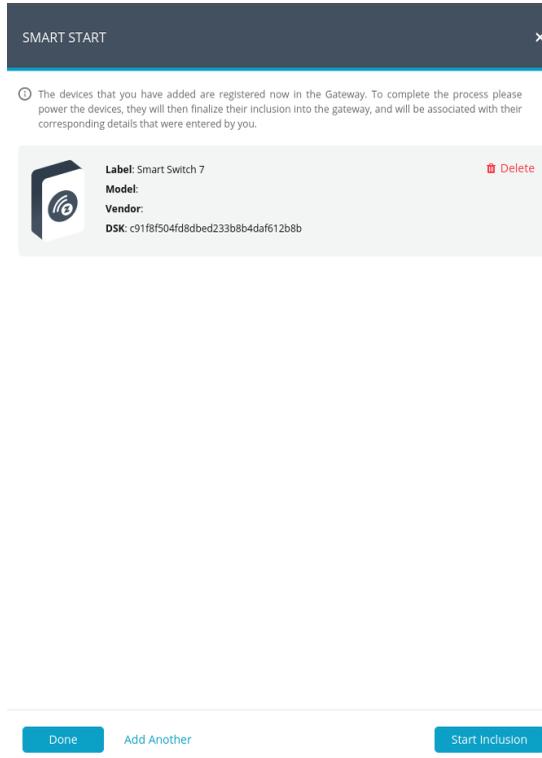
SmartStart is a feature that allows devices to be automatically included in a Z-Wave® network when they are powered on.

**Note:** Ensure the devices you want to include are compatible with SmartStart and are powered on during the Inclusion process.

1. From the **Smart Devices** screen, click  and then click on  option.
2. The SMARTSTART Side Panel opens; you can either scan the QR code or manually enter the DSK of a device you want to add.

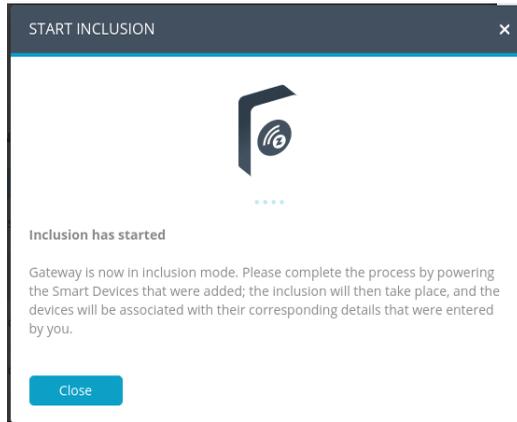


3. When the device is found, type the Label and click the “Add” button to register the device.

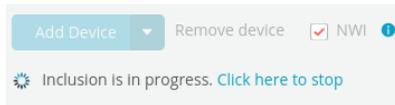


4. Add all the devices for Inclusion to the provision list.
5. To add a device, click [Add Another](#) .  
To start the Inclusion process, click on the “**Start Inclusion**” button and start powering up the devices that were added.

A message indicating that Inclusion has started will be displayed.

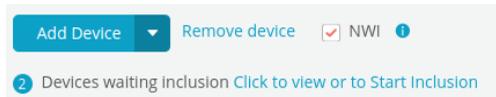


6. Click the “Close” button to return to Smart Home main page. While Inclusion is in progress, a message that indicates SmartStart is displayed on SMART DEVICES Sub tab.

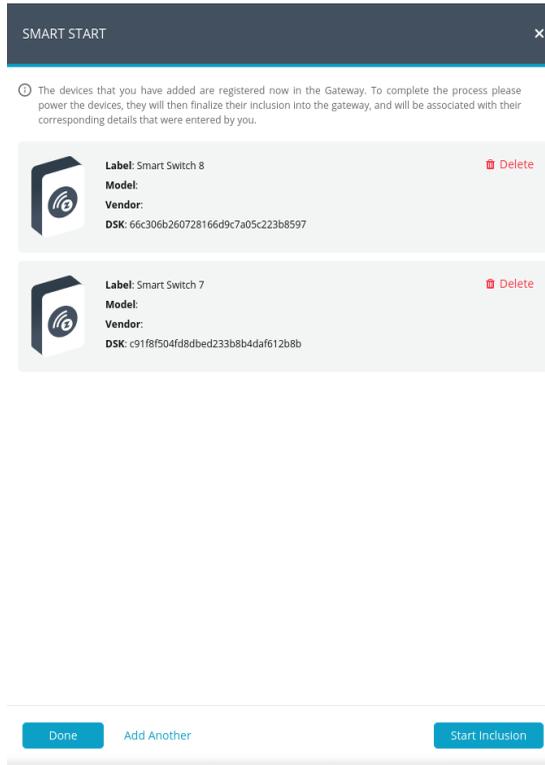


7. The Inclusion will automatically stop after a configured time. To stop the Inclusion process manually, click [Click here to stop](#) and then click on “Yes, stop Inclusion” button to confirm the operation.

**Note:** If the Inclusion is not in progress and there are registered devices for Inclusion, a message will be displayed on the SMART DEVICES Sub tab indicating the number of the devices waiting Inclusion.



8. To access the provision list or edit it, click on [Click to view or to Start Inclusion](#). The SMARTSTART Side Panel opens, displaying the registered devices.



- To add a device, click [Add Another](#) .
- To remove a device, click  [Delete](#)

## 4.13. Node Capability Rediscovery

This feature allows the controller to rediscover a node's capabilities and update its configuration accordingly.

1. Go to the SMART DEVICES Sub Tab and click the device for which you want to perform a capability rediscovery; the EDIT SMART DEVICE Side Panel opens.

### EDIT SMART DEVICE ✕

DEVICE NAME	<input type="text" value="Smart device 5006"/>
ASSOCIATIONS	+ Add Association
CONFIGURATION	<a href="#">Set Configuration</a>
CATEGORY	<input type="text" value="Lights"/>
RE-READ SETTINGS <span>!</span>	<a href="#">Re-Read</a>
FW UPDATE	<a href="#">Manage FW</a>

[Cancel](#) [Replace Device](#) [Delete Device](#)

2. Click the 'Re-Read' button and wait for the device re-reading procedure to finish.



## APPENDIX: Command Classes

Command Class	Version
COMMAND_CLASS_ASSOCIATION	V2
COMMAND_CLASS_ASSOCIATION_GRP_INFO	V3
COMMAND_CLASS_BARRIER_OPERATOR	V1
COMMAND_CLASS_BASIC	V2
COMMAND_CLASS_BATTERY	V1
COMMAND_CLASS_CENTRAL_SCENE	V3
COMMAND_CLASS_CONFIGURATION	V4
COMMAND_CLASS_CRC_16_ENCAP	V1
COMMAND_CLASS_DOOR_LOCK	V4
COMMAND_CLASS_INCLUSION_CONTROLLER	V1
*COMMAND_CLASS_INDICATOR	V3
*COMMAND_CLASS_MANUFACTURER_SPECIFIC	V1
COMMAND_CLASS_METER	V5
*COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION	V3
*COMMAND_CLASS_MULTI_CHANNEL	V4
COMMAND_CLASS_NOTIFICATION	V8
*COMMAND_CLASS_SECURITY	V1
*COMMAND_CLASS_SECURITY_2	V1
COMMAND_CLASS_SENSOR_MULTILEVEL	V11
COMMAND_CLASS_SUPERVISION	V1
COMMAND_CLASS_SWITCH_BINARY	V2
COMMAND_CLASS_SWITCH_MULTILEVEL	V4
COMMAND_CLASS_THERMOSTAT_FAN_MODE	V1
COMMAND_CLASS_THERMOSTAT_MODE	V3
COMMAND_CLASS_THERMOSTAT_SETPOINT	V3

<b>Command Class</b>	<b>Version</b>
COMMAND_CLASS_VERSION	V2
COMMAND_CLASS_WAKE_UP	V2
COMMAND_CLASS_ZWAVEPLUS®_INFO	V2

## Supported Command Classes by the controller

<b>Supported Command Class</b>	<b>Version</b>	<b>Security level</b>
COMMAND_CLASS_ASSOCIATION	V2	Secured
COMMAND_CLASS_ASSOCIATION_GRP_INFO	V3	Secured
COMMAND_CLASS_CRC_16_ENCAP	V1	
COMMAND_CLASS_DEVICE_RESET_LOCALLY	V1	Secured
COMMAND_CLASS_FIRMWARE_UPDATE_MD	V5	Secured
COMMAND_CLASS_INCLUSION_CONTROLLER	V1	
COMMAND_CLASS_INDICATOR	V3	Secured
COMMAND_CLASS_MANUFACTURER_SPECIFIC	V1	
COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION	V3	Secured
COMMAND_CLASS_POWERLEVEL	V1	Secured
COMMAND_CLASS_SECURITY	V1	
COMMAND_CLASS_SECURITY_2	V1	
COMMAND_CLASS_SUPERVISION	V1	
COMMAND_CLASS_TRANSPORT_SERVICE	V2	
COMMAND_CLASS_TIME	V1	
COMMAND_CLASS_VERSION	V2	Secured
COMMAND_CLASS_ZWAVEPLUS®_INFO	V2	

## Association Command Class

Grouping Identifier	Maximum number of devices	Description
1	5	Lifeline (Group 1): Sends notifications regarding device status. This group is used for sending Device Reset Locally notification that indicates a device has been reset to factory settings.

## Standard Limited Product Warranty (“Limited Warranty”)

RISCO Ltd. (“RISCO”) guarantee RISCO’s hardware products (“Products”) to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by RISCO, for a period of (i) 24 months from the date of delivery of the Product (the “Warranty Period”). This Limited Warranty covers the Product only within the country where the Product was originally purchased and only covers Products purchased as new.

**Contact with customers only.** This Limited Warranty is solely for the benefit of customers who purchased the Products directly from RISCO or from an authorized distributor of RISCO. RISCO does not warrant the Product to consumers and nothing in this Warranty obligates RISCO to accept Product returns directly from end users who purchased the Products for their own use from RISCO’s customer or from any installer of RISCO, or otherwise provide warranty or other services to any such end user directly. RISCO’s authorized distributor or installer shall handle all interactions with its end users in connection with this Limited Warranty. RISCO’s authorized distributor or installer shall make no warranties, representations, guarantees or statements to its end users or other third parties that suggest that RISCO has any warranty or service obligation to, or any contractual privity with, any recipient of a Product.

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**Return Material Authorization.** In the event that you need to return your Product for repair or replacement, RISCO will provide you with a Return Merchandise Authorization Number (RMA#) as well as return instructions. Do not return your Product without prior approval from RISCO. Any Product returned without a valid, unique RMA# will be refused and returned to the sender at the sender’s expense. The returned Product must be accompanied with a detailed description of the defect discovered (“Defect Description”) and must otherwise follow RISCO’s then-current RMA procedure published in RISCO’s website at [www.riscogroup.com](http://www.riscogroup.com) in connection with any such return. If RISCO determines in its reasonable discretion that any Product returned by customer conforms to the applicable warranty (“Non-Defective Product”), RISCO will notify the customer of such determination and will return the applicable Product to customer at customer’s expense. In addition, RISCO may propose and assess customer a charge for testing and examination of Non-Defective Product.

**Entire Liability.** The repair or replacement of Products in accordance with this Limited Warranty shall be RISCO’s entire liability and customer’s sole and exclusive remedy in case a material defect in a Product is discovered and reported as required herein. RISCO’s obligation and this Limited Warranty are contingent upon the full payment by customer for such Product and upon a proven weekly testing and examination of the Product functionality.

**Limitations.** This Limited Warranty is the only warranty made by RISCO with respect to the Products. The warranty is not transferable to any third party. To the maximum extent permitted by applicable law, this Limited Warranty shall not apply and will be void if: (i) the conditions set forth above are not met (including, but not limited to, full payment by customer for the Product and a proven weekly testing and examination of the Product functionality); (ii) if the Products or any part or component thereof: (a) have been subjected to improper operation or installation; (b) have been subject to neglect, abuse, willful damage, abnormal working conditions, failure to follow RISCO’s instructions (whether oral or in writing); (c) have been misused, altered, modified or repaired without RISCO’s written approval or combined with, or installed on products, or equipment of the customer or of any third party; (d) have been damaged by any factor beyond RISCO’s reasonable control such as, but not limited to, power failure, electric power surges, or unsuitable third party components and the interaction of software therewith or (e) any failure or delay in the performance of the Product attributable to any means of communication provided by any third party service provider, including, but not limited to, GSM interruptions, lack of or internet outage and/or telephony failure. BATTERIES ARE EXPLICITLY EXCLUDED FROM THE WARRANTY AND

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## UKCA and CE RED Compliance Statement

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements of the UKCA Radio Equipment Regulations 2017 and CE Directive 2014/53/EU.

For the UKCA and CE Declaration of Conformity please refer to our website: [www.riscogroup.com](http://www.riscogroup.com).

## Contacting RISCO Group

RISCO Group is committed to customer service and product support. You can contact us through our website ([www.riscogroup.com](http://www.riscogroup.com)) or at the following telephone and fax numbers:

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Tel: +972-3-963-7777

[support@riscogroup.com](mailto:support@riscogroup.com)



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