



**Guide for configuring and working with the RISCO LightSys
integration module**

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1 Introduction into the Guide for configuring and working with the RISCO LightSys integration module

On the page:

- [Purpose of the document](#)
- [General information about the RISCO Panel integration module](#)

1.1 Purpose of the document

The *Guide for configuring and working with the RISCO LightSys integration module* is a reference and information manual and is intended for configuration specialists and operators of the **RISCO Panel** integration module. This module operates as a part of the fire and security alarm subsystem implemented on the basis of *ACFA*.

The Guide has the following information:

1. General information about the **RISCO Panel** integration module.
2. Adding the **RISCO Panel** integration module.
3. Configuring the **RISCO Panel** integration module.
4. Working with the **RISCO Panel** integration module.

1.2 General information about the RISCO Panel integration module

The **RISCO Panel** integration module is a part of the fire and security alarm system implemented on the basis of *ACFA* and is used for monitoring and controlling the hardware of the **RISCO Panel** FSA. You cannot configure the hardware of the **RISCO Panel** FSA in *ACFA*.

Before you start working with the **RISCO Panel** integration module, you must install the hardware on the protected facility and perform initial configuration of the hardware of the **RISCO Panel** FSA.



Note

For more information about the **RISCO Panel** FSA, see the official reference documentation (manufactured by RISCO LTD.).

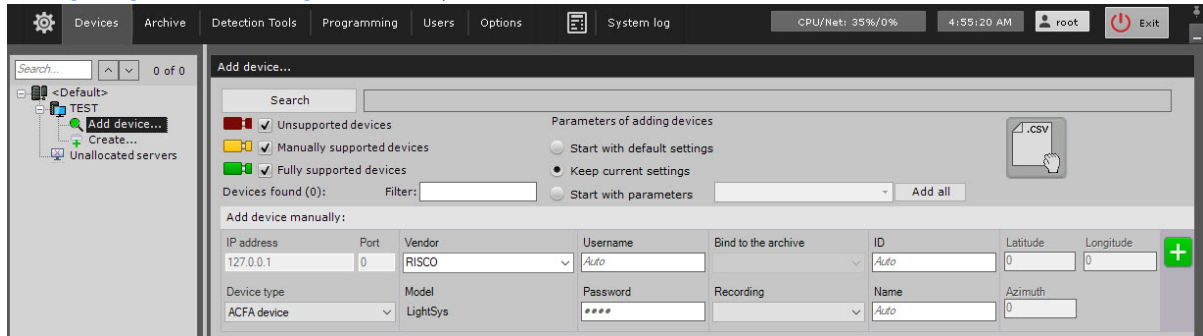
2 Supported software and licensing of the RISCO Panel integration module

Name of the integration module	RISCO: LightSys
Integrated software, hardware	All models of the ProSYS™ Plus Main Board series, as well as LightSys Plus and LightSys 2 boards. Features: • Class 3 or 2, optional • Number of zones: 8–512 • Number of partitions: 32 • Groups per partition: 4 • Number of outputs: 6–262 • Number of user codes: 500 • Number of events in the log: 2000 • Selected zone resistance The LightSys Plus model was tested by AxxonSoft quality department
Functionality	Monitoring, control
Licensing	Per each zone (ACFASensor)
Information on manufacturer	RISCO LTD Address: Israel, 75655 Rishon LeZion, 14 Hachoma Street Phone: +972-3-9637777 Fax: +972-3-9616584 Website: www.riscogroup.com Email: info@riscogroup.com Sales department: sales@riscogroup.com
Type of integration	Low-level protocol
Hardware connection interface	Ethernet
ACFA version	1.0

3 Adding the RISCO Panel integration module

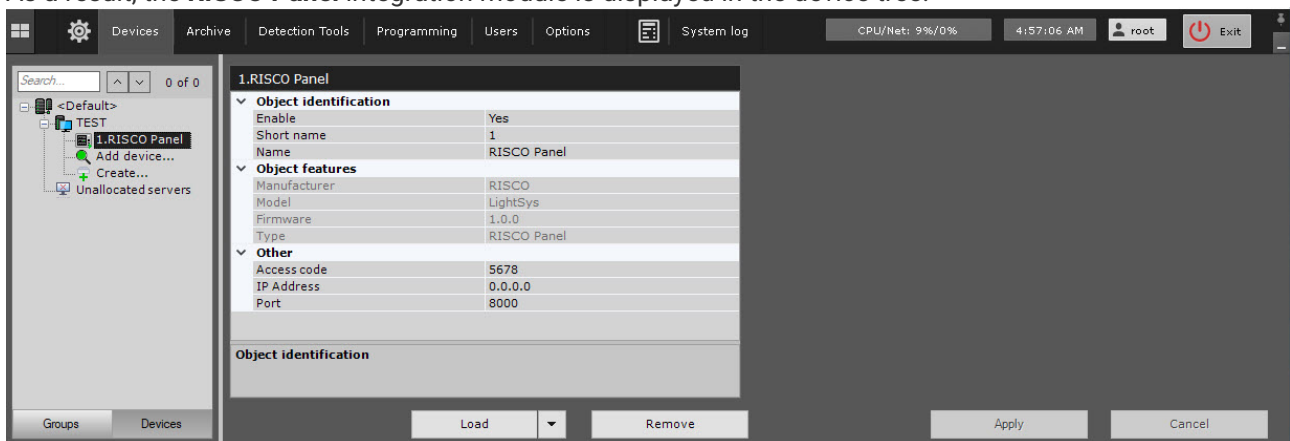
To add the **RISCO Panel** integration module to the system, do the following:

1. Add the device to the system manually using the IP Device Discovery Wizard (see [Searching, adding, configuring, and removing IP devices](#)).



2. From the **Device type** drop-down list, select the **ACFA device**.
3. From the **Vendor** drop-down list, select **RISCO**. In the **Model** field, the **LightSys** model is selected by default.
4. Click the  button.

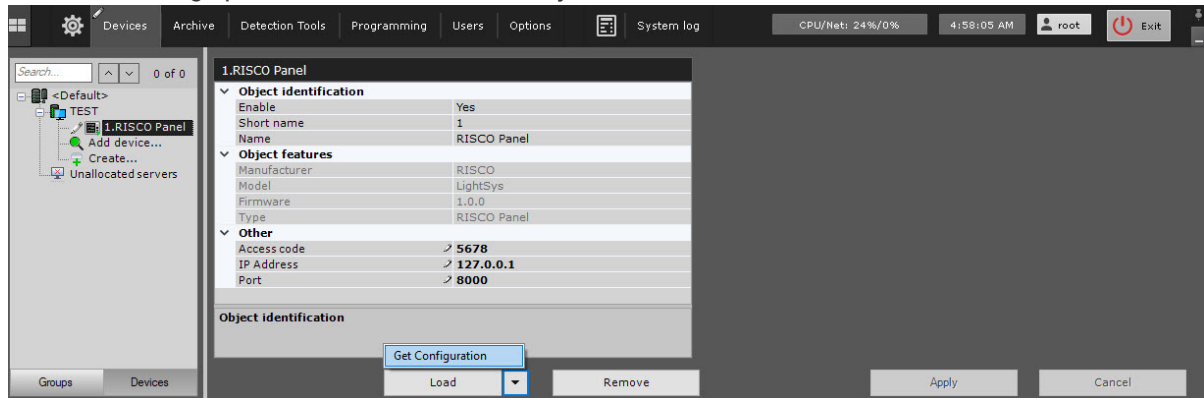
As a result, the **RISCO Panel** integration module is displayed in the device tree.



4 Configuring the RISCO Panel integration module

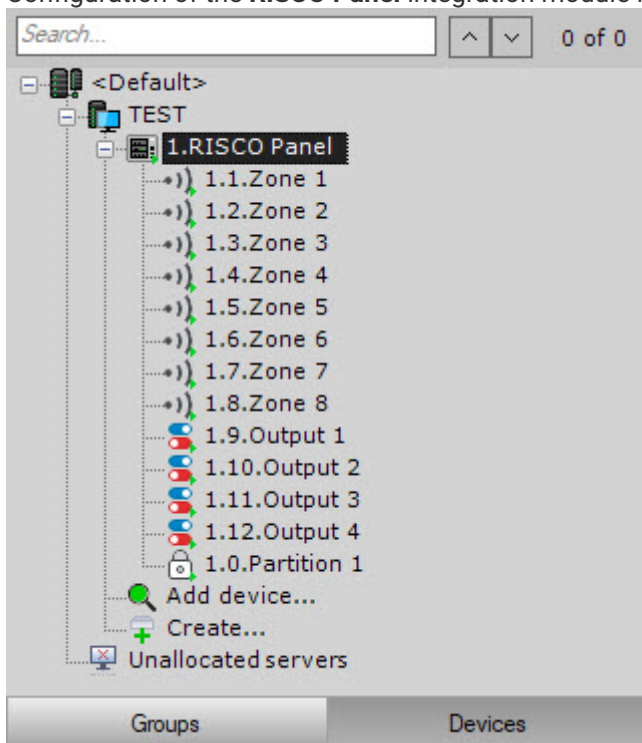
To configure the **RISCO Panel** integration module, do the following:

1. Go to the settings panel of the **RISCO Panel** object.



2. In the **Access code** field, enter the access code of the RISCO LightSys main board.
3. In the **IP Address** field, enter the IP address of the RISCO LightSys main board.
4. In the **Port** field, enter the connection port of the RISCO LightSys main board.
5. Click the **Apply** button to save the changes.
6. Click the  button and select **Get Configuration** from the drop-down list to automatically download the configuration and build the device tree.
7. Click the **Apply** button.

Configuration of the **RISCO Panel** integration module is complete. As a result, a device tree is built:



5 Working with the RISCO Panel integration module

5.1 General information about working with the RISCO Panel integration module

The **Map**, **Equipment Board**, and **Macro** interface objects are used to work with the **RISCO Panel** integration module.

For information on configuring these interface objects, see [Configuration of the interactive map](#), [ACFA](#), and [Programming](#).

For information on working with these interface objects, see [Working with the interactive map](#), [Working with Equipment Board](#), and [Macros control](#).

5.2 Configuring macros when working with the RISCO Panel integration module



[Macros control](#)
[Programming](#)

When working with the **RISCO Panel** integration module, you can configure a macro that will trigger when an event is received from **RISCO Panel**.

When configuring a macro, you must select a specific object of the **RISCO Panel** integration module.

Example of a configured macro:

The screenshot displays a macro configuration window. At the top, the 'Name' field is set to 'Macrocommand' and the 'Working mode' is set to 'Always'. There is an unchecked 'Add to menu' checkbox. Below this is a section titled 'Start conditions' with a sub-label 'Default_1: 4.RISCO Panel'. It contains a 'Start conditions' dropdown set to 'Default_1: 4.RISCO Panel' and an 'Event' dropdown set to 'Walk Test is over'. A '+ Add event filter' button is also present. The next section is 'ACFA: Execute action', also labeled 'Default_1: 4.RISCO Panel', with a 'Component' dropdown set to 'Default_1: 4.RISCO Panel' and an 'Action' dropdown set to 'Arm All'. A third, identical section follows, with the 'Action' dropdown set to 'Stay All'. The interface includes expand/collapse arrows on the right side of each section.

5.3 Managing the object of the RISCO Panel integration module

You can manage the object of the **RISCO Panel** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **RISCO Panel** object. To display the menu of the **RISCO Panel** object, right-click the required object. Commands to manage the object of the **RISCO Panel** integration module are described in the table:

Menu command	Function
Arm All	Arms all (inside)
Stay All	Arms all (outside)
Disarm All	Disarms all
Arm A	Arms the A group

Menu command	Function
Arm B	Arms the B group
Arm C	Arms the C group
Arm D	Arms the D group

The following states of the object of the **RISCO Panel** integration module are possible:

	Unknown
	Disconnected
	Normal
	Battery is low/missing
	AC trouble
	Phone line trouble
	Clock trouble
	Default switch
	MS1 report trouble
	MS2 report trouble

	MS3 report trouble
	Tamper
	3 Min Bypass
	Walk Test
	AUX trouble
	RS485 Bus trouble
	Annunciator fault
	BELL tamper
	Service Expired
	Payment Expired
	Service mode
	Dual Path

5.4 Managing the zone of the RISCO Panel integration module

You can manage the zone of the **RISCO Panel** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **RISCO Zone** object. To display the menu of the **RISCO Zone** object, right-click the required object. Command to manage the zone of the **RISCO Panel** integration module is described in the table:

Menu command	Function
Ignore (on/off)	Enables and disables ignoring

The following states of the zone of the **RISCO Panel** integration module are possible:

	Unknown
	Armed
	Disarmed
	Open
	Alarm
	Tamper
	Trouble
	Lost
	Battery is low/missing

	Bypassed
	Communication trouble
	Soak Test trouble
	24 Hour
	Not used
	Invalid

5.5 Managing the partition of the RISCO Panel integration module

You can manage the partition of the **RISCO Panel** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **RISCO Partition** object. To display the menu of the **RISCO Partition** object, right-click the required object. Commands to manage the partition of the **RISCO Panel** integration module are described in the table:

Menu command	Function
Arm All	Arms (in the premises)
Stay All	Arms (outside the premises)
Disarm All	Disarms all
Arm A	Arms the A group
Arm B	Arms the B group
Arm C	Arms the C group

Menu command	Function
Arm D	Arms the D group

The following states of the partition of the **RISCO Panel** integration module are possible:

	Unknown
	Alarm
	Duress
	False code
	Fire
	Panic
	Medic
	Armed
	Home (Stay)
	Ready to Arm
	Exit Open zone is open

	Reset required
	No activity
	Group A armed
	Group B armed
	Group C armed
	Group D armed
	Trouble
	Not exist
	Not ready
	Invalid

5.6 Managing the output of the RISCO Panel integration module

You can manage the output of the **RISCO Panel** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **RISCO Output** object. To display the menu of the **RISCO Output** object, right-click the required object. Commands to manage the output of the **RISCO Panel** integration module are described in the table:

Menu command	Function
Activate	Activate the RISCO output
Deactivate	Deactivate the RISCO output

The following states of the output of the **RISCO Panel** integration module are possible:

	Unknown
	Active
	Not active



Note

Outputs for which you selected the Latch mode on the **RISCO** physical panel change their state after executing commands, and events are generated. Outputs with the Pulse mode don't change their state, and events aren't generated.