



Guide for configuring and working with the RISCO Panel (AxACFA) integration module

ACFA PSIM 1.10

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1 Introduction into the Guide for configuring and working with the RISCO Panel (AxACFA) integration module

On the page:

- Purpose of the document
- General information about the RISCO Panel (AxACFA) integration module

1.1 Purpose of the document

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

The Guide has the following information:

1. General information about the *RISCO Panel (AxACFA) integration module*.
2. Configuring the *RISCO Panel (AxACFA) integration module*.
3. Working with the *RISCO Panel (AxACFA) integration module*.

1.2 General information about the *RISCO Panel (AxACFA) integration module*

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

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

Note

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

2 Supported hardware and licensing of the RISCO Panel (AxACFA) integration module

Manufacturer	RISCO LTD Israel, 75655 Rishon LeZion, 14 Hachoma Street Phone: +972-3-9637777 Fax: +972-3-9616584 Email: info@riscogroup.com Sales department: sales@riscogroup.com Website: https://www.riscogroup.com
Type of integration	Low-level protocol
Hardware connection	Ethernet

Supported hardware

Hardware	Function
All models of the ProSYS™ Plus Main Board series, as well as LightSys Plus and LightSys 2 boards. The LightSys Plus model was tested by AxxonSoft quality department	Main Board

Module licensing

Per each zone (**ACFASensor**).

3 Configuring the RISCO Panel (AxACFA) integration module

3.1 Pre-configuring the RISCO Panel (AxACFA) FSA

Before configuring the *RISCO Panel (AxACFA)* FSA in *ACFA PSIM*, you must do the following on the main panel of the *RISCO Panel (AxACFA)*:

1. Disarm all partitions and zones. You can do this using the user password (default: **1234**), by pressing *****, entering the password and then pressing **#**.
2. Enter the programming menu (default password: **1111**).
3. Select **System** → **Controls** → **Communication** → **CS Enable** → **Yes**.
4. Select **Communication** → **Method** → **IP** → **IP Config** → **Obtain IP** → **Static**.
5. **Panel Port** → select **1000**.
6. **Panel IP** → specify the required IP address.
7. **Mask** → specify the required subnet mask.
8. Select **Communication** → **Config. SW** → **Security** → **Access code**, specify the access code.

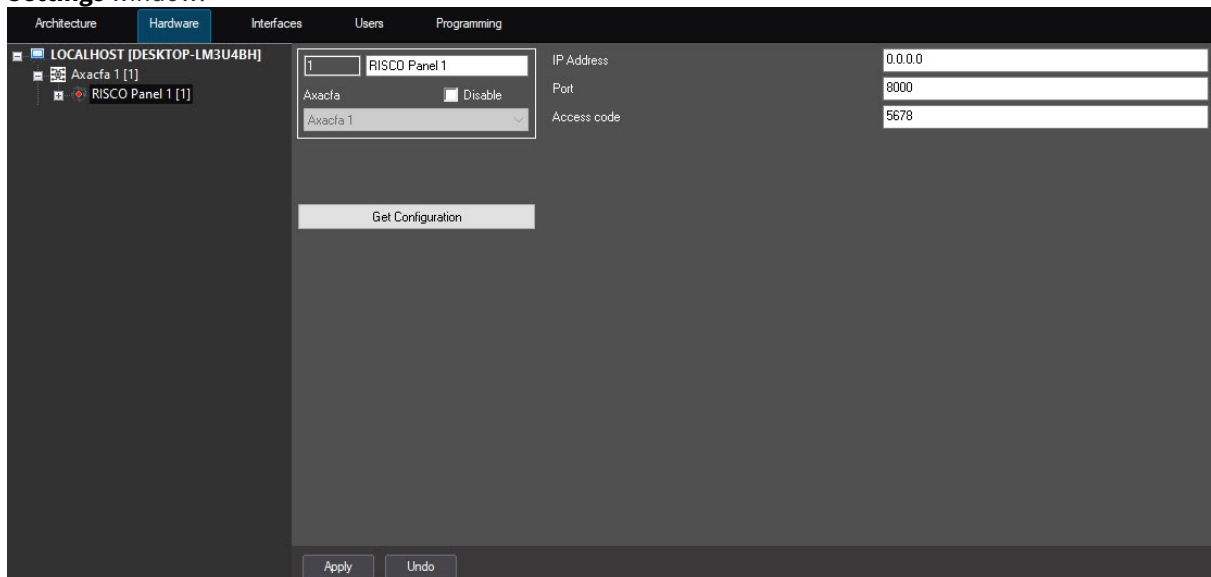
Pre-configuration of the *RISCO Panel (AxACFA)* FSA is complete.

3.2 Configuring the RISCO Panel (AxACFA) parent object

To work with the *RISCO Panel (AxACFA)* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

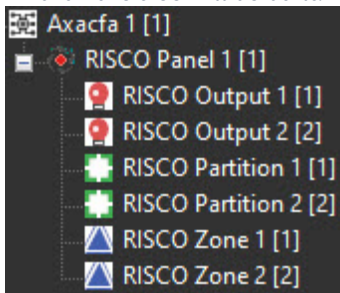
To configure the *RISCO Panel (AxACFA)* parent object, do the following:

1. Create the **RISCO Panel** parent object on the basis of the **Axacfa** object on the **Hardware** tab of the **System Settings** window.



2. In the **IP Address** field, specify the IP address of the *RISCO Panel (AxACFA)* device.
3. In the **Port** field, specify the number of the port to connect the *RISCO Panel (AxACFA)* device.
4. In the **Access code** field, specify the access code to the *RISCO Panel (AxACFA)* device.
5. Click the **Apply** button to save the connection settings.

6. Click the **Get Configuration** button to download the configuration and build the hardware tree. A hardware tree will be built:



Configuration of the *RISCO Panel (AxACFA)* parent object is complete.

4 Working with the RISCO Panel (AxACFA) integration module

4.1 General information about working with the RISCO Panel (AxACFA) integration module

The following interface objects are used to work with the *RISCO Panel (AxACFA)* integration module:

1. **Map.**
2. **Event Viewer.**

For the information on configuring these interface objects, see the *Axxon PSIM Administrator's Guide*.

For the information on working with these interface objects, see the *Axxon PSIM Operator's Guide*.



4.2 Managing the RISCO Panel (AxACFA) parent object















You can manage the *RISCO Panel (AxACFA)* parent object in the **Map** window using the menu of the **RISCO Panel** object.







Commands to manage the *RISCO Panel (AxACFA)* parent object are described in the table:

Menu command	Function
Arm D	Arm the D group
Arm All	Arm all
Disarm All	Disarm all
Arm B	Arm the B group
Arm C	Arm the C group
Stay All	Arm all (inside)
Arm A	Arm the A group

The *RISCO Panel (AxACFA)* parent object can have the following states:

	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






4.3 Managing the RISCO Panel (AxACFA) zone











You can manage the *RISCO Panel (AxACFA)* zone in the **Map** window using the menu of the **RISCO Zone** object.

Command to manage the *RISCO Panel (AxACFA)* zone:

- Ignore (on/off)—enable/disable ignoring.

The *RISCO Panel (AxACFA)* zone can have the following states:

	Unknown
	Armed
	Disarmed
	Open
	Alarm

	Tamper
	Trouble
	Lost
	Battery is low/missing
	Bypassed
	Communication trouble
	Soak Test trouble
	24 Hour
	Not used
	Invalid

4.4 Managing the RISCO Panel (AxACFA) partition










You can manage the *RISCO Panel (AxACFA)* partition in the **Map** window using the menu of the **RISCO Partition** object.













Commands to manage the *RISCO Panel (AxACFA)* partition are described in the table:

Menu command	Function
Stay	Arm (inside)
Arm D	Arm the D group

Menu command	Function
Arm	Arm
Arm B	Arm the B group
Arm C	Arm the C group
Disarm	Disarm
Arm A	Arm the A group

The *RISCO Panel (AxACFA)* partition can have the following states:

	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

4.5 Managing the RISCO Panel (AxACFA) output

You can manage the *RISCO Panel (AxACFA)* output in the **Map** window using the menu of the **RISCO Output** object.

Commands to manage the *RISCO Panel (AxACFA)* output are described in the table:

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

The *RISCO Panel (AxACFA)* output can have the following states:

	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.