RISCO Integration Module Settings Guide

ACFA PSIM 1.1

Last update 05/03/2024

Table of Contents

1 Introduction into RISCO Settings Guide

On the page:

1.1 Purpose of the document

RISCO Settings Guide is a reference and information guide meant for *RISCO* configuration specialists. This module is a part of the fire and security alarm subsystem implemented with the *ACFA PSIM software package*.

The guide provides the following:

1. General information about *RISCO* integration module;
2. Configuring *RISCO* integration module;
3. Operation of *RISCO* integration module.

1.2 General information about RISCO integration module

RISCO integration module is the FSA component carried out on the base of *ACFA PSIM*. It is meant for controlling and managing the *RISCO* devices. *RISCO* FSA hardware configuring in ACFA PSIM is impossible.

Before operating the *RISCO* integration module one needs to set the hardware on the guarded object and perform the initial configuration of *RISCO* FSA devices.

Note

For more information about *RISCO* FSA, please refer to the official documentation for this system (vendor: RISCO LTD).

2 Supported hardware and licensing of RISCO integration module

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

Supported hardware

Hardware	Function	Features
ProSYS™ Plus Main Panel	Main panel	• Class 3 or 2 to choose from • Number of zones: 8-512 • Number of partitions: 32 • Groups in partition: 4 • Number of outputs: 6-262 • Number of custom codes: 500 • Number of events in the log: 2000 • Selectable zone resistance

Module licensing
Per 1 main panel.

3 Configuration of RISCO integration module

3.1 Pre-configuring the RISCO FSA

Before you configure the *RISCO* FSA in *ACFA PSIM*, perform the following actions on the *RISCO ProSYS Plus* main panel:

1. Disarm all partitions and zones. This can be done with a user password (default: 1234). In order to enter the password, press ***, enter the password, then press **#**.
2. Enter the programming menu (default password: **1111**).
3. Select **System** (**1**) -> **Controls** -> **Communication** -> **CS Enable** -> Select **Yes**.
4. Select **Communication** (**5**) -> **Method** -> **IP** -> **IP Config** -> **Obtain IP** -> Select **Static**.
5. **Panel Port** -> Select **1000**.
6. **Panel IP** -> Set the required IP.
7. **Mask** -> Set the required subnet mask.
8. Select **Communication** (**5**) -> **Config. SW** -> **Security** -> **Access code** -> Set access code.

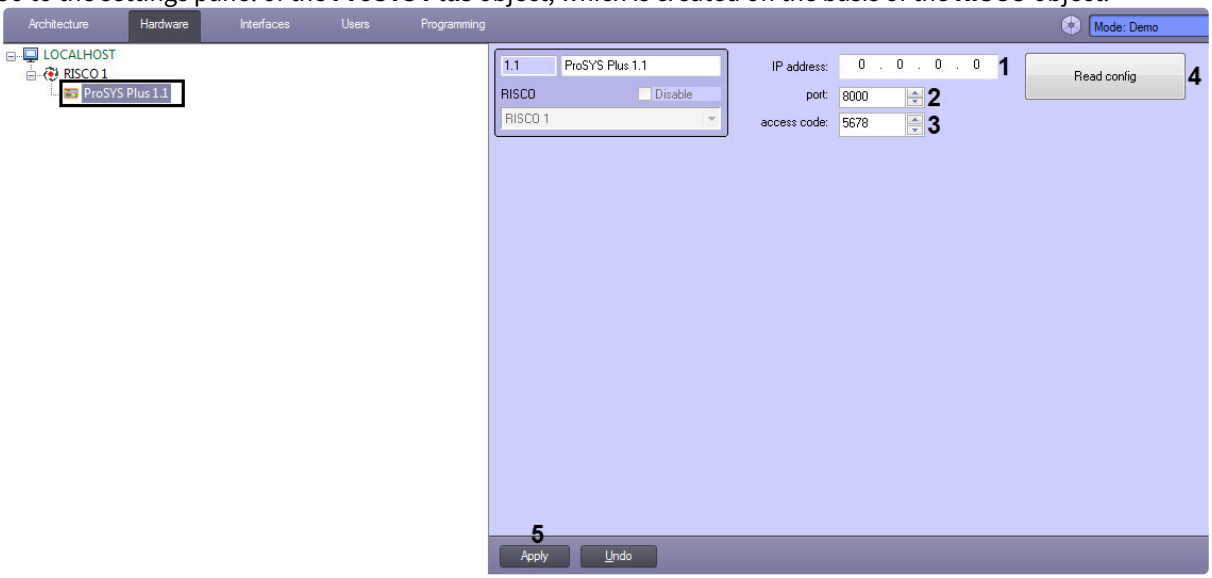
Pre-configuring the *RISCO* FSA is completed.

3.2 Connecting the RISCO FSA to ACFA PSIM

The *RISCO* FSA is connected to *ACFA PSIM* as follows:

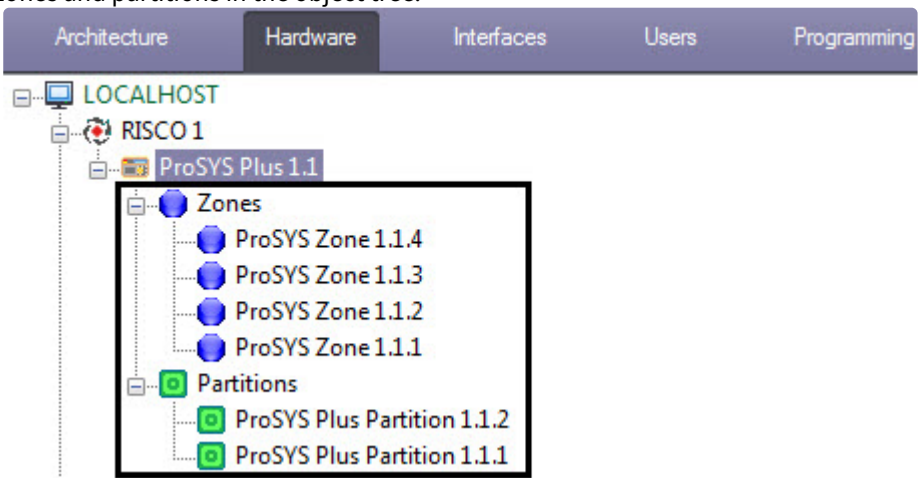
1. Create a **RISCO** object based on the **Computer** object on the **Hardware** tab of the **System Settings** dialog box.

2. Go to the settings panel of the **ProSYS Plus** object, which is created on the basis of the **RISCO** object.



3. In the **IP address** field (**1**) enter the IP address of the *RISCO ProSYS Plus* main panel.
4. In the **port** field (**2**), enter the connection port of the *RISCO ProSYS Plus* main panel.
5. In the **access code** field (**3**) enter the access code for the *RISCO ProSYS Plus* main panel.

6. Click the **Read config** button (**4**) to read the configuration of the main panel and build the corresponding zones and partitions in the object tree.



7. Click the **Apply** button (**5**) to save the settings.

Connection of the *RISCO* FSA to *ACFA PSIM* is now complete.

4 Operation of RISCO integration module

4.1 General information on the operation of the RISCO integration module

The following interface objects are used to work with the *RISCO* integration module:

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

Information about these interface objects is described in the Axxon PSIM Software Package: Administrator's Guide.

Operation on these interface objects is described in the Axxon PSIM Software Package: Operator's Guide.

4.2 Controlling the RISCO main panel

RISCO main panel control is performed in the **Map** interactive window using the **ProSYS Plus** object function menu.

Description of the *RISCO* main panel commands is given in the table.

Command	Function
Arm Group D	Arm group D
Arm all	Arm everything (outside)
Disarm all	Disarm everything
Arm Group B	Arm group B
Arm Group C	Arm group C
Arm all (stay at home)	Arm everything (inside)

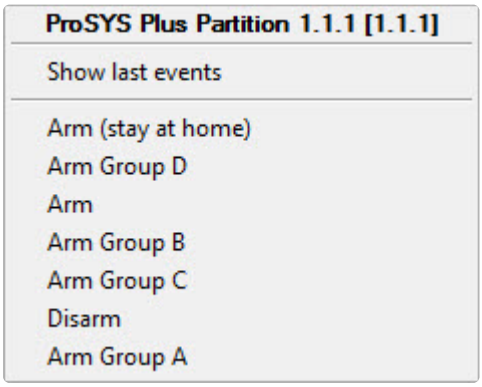
Command	Function
Arm Group A	Arm group A

The following *RISCO* main panel conditions are possible:

	• Battery Low/Missing • AC trouble
	• Phone line trouble • Clock trouble • "Default Switch" ON • MS1 report trouble • MS2 report trouble • MS3 report trouble • 3 min bypass • Walk test • AUX trouble • Reserve (RS485 Bus trouble) • BELL trouble • BELL tamper • Service Expired • Payment Expired • Service mode • Dual Path • OK
	• No link
	• Box or Back tamper

4.3 Controlling the RISCO partition

RISCO partition control is performed in the **Map** interactive window using the **ProSYS Plus Partition** object function menu.



Description of the *RISCO* partition commands is given in the table.

Command	Function
Arm (stay at home)	Arm (inside)
Arm Group D	Arm group D
Arm	Arm (outside)
Arm Group B	Arm group B
Arm Group C	Arm group C
Disarm	Disarm
Arm Group A	Arm group A

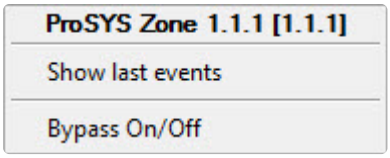
The following *RISCO* partition conditions are possible:

	• Alarm • Duress • False Code • Fire • Panic • Medic • Exit Open zone is open • No Activity Alert • Trouble
	• Armed • Home (stay) • Group 'A'-'D' Arm • Malfunction

	• Ready to Arm • Exist • Reset required • Not exist
	• Not exist

4.4 Controlling the RISCO zone

RISCO zone control is performed in the **Map** interactive window using the **ProSYS Zone** object function menu.



Description of the *RISCO* zone commands is given in the table.

Command	Function
Bypass On/Off	On and off bypass

The following *RISCO* zone conditions are possible:

	• Open
	• Alarm • Tamper • Trouble • Lost • Low battery • Communication trouble • Soak Test trouble
	• Armed • 24 hour zone
	• Bypass • Not used
	• Disarmed