



## RISCO Integration Module Settings Guide

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# 1 Introduction into RISCO Settings Guide

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- [Purpose of the document](#)
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## 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 Intellect 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 Intellect*. It is meant for controlling and managing the *RISCO* devices. *RISCO* FSA hardware configuring in *ACFA Intellect* 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

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

### Supported hardware

Hardware	Function	Features
ProSY S™ Plus Main Board	Main board	<ul style="list-style-type: none"> <li>• Class 3 or 2 to choose from</li> <li>• Number of zones: 8-512</li> <li>• Number of partitions: 32</li> <li>• Groups in partition: 4</li> <li>• Number of outputs: 6-262</li> <li>• Number of custom codes: 500</li> <li>• Number of events in the log: 2000</li> <li>• Selectable zone resistance</li> </ul>

### Module licensing

Per 1 main board.

## 3 Configuration of RISCO integration module

### 3.1 Pre-configuring the RISCO FSA

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

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.

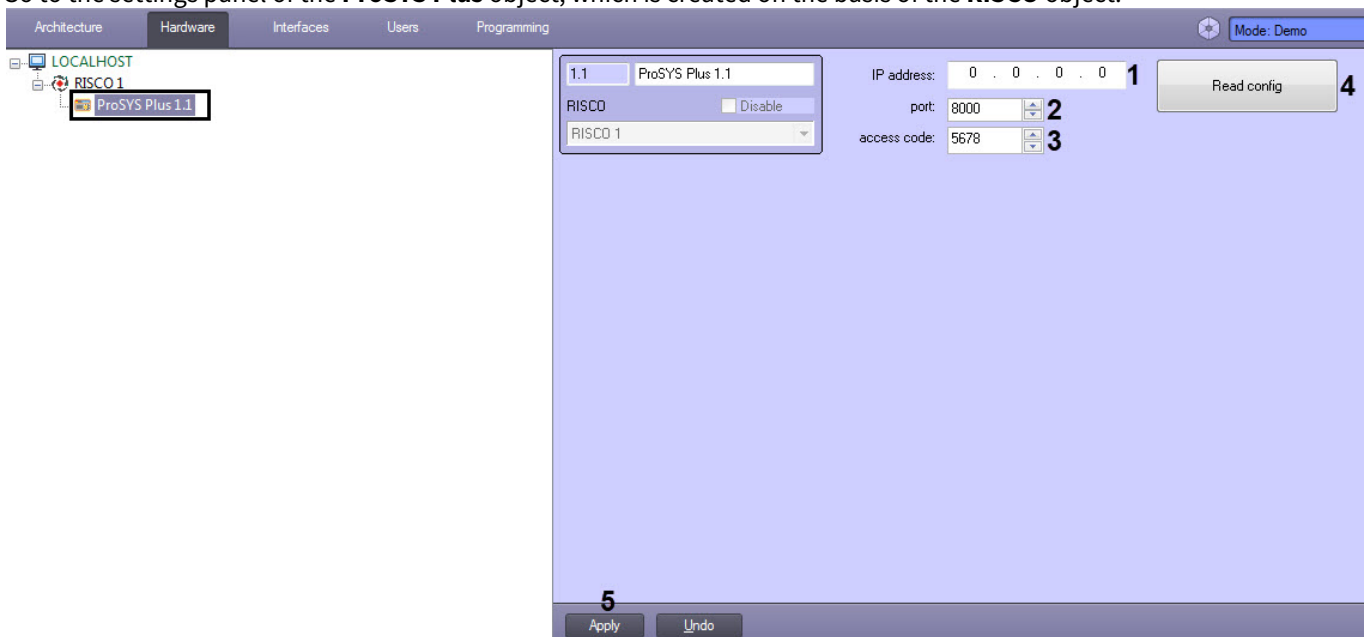
### 3.2 Connecting the RISCO FSA to ACFA Intellect

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

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

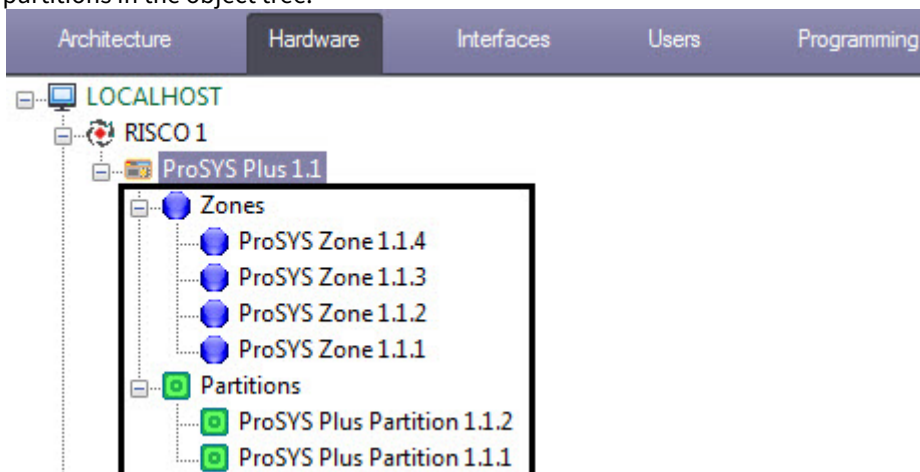


2. Go to the settings panel of the **ProSYS Plus** object, which is created on the basis of the **RISCO** object.



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

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



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

Connection of the *RISCO* FSA to *ACFA Intellect* 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 [Intellect Software Package: Administrator's Guide](#).

Operation on these interface objects is described in the [Intellect Software Package: Operator's Guide](#).

### 4.2 Controlling the RISCO main board

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






Description of the *RISCO* main board 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)
Arm Group A	Arm group A

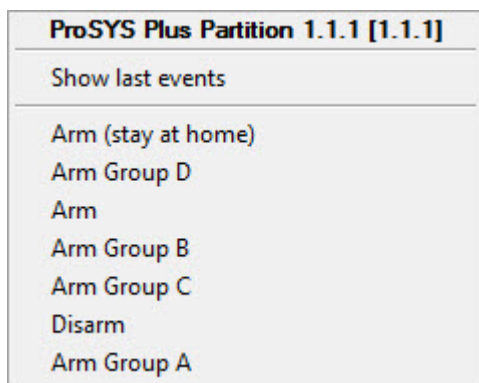
The following *RISCO* main board conditions are possible:

	<ul style="list-style-type: none"> <li>• Battery Low/Missing</li> <li>• AC trouble</li> </ul>
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	<ul style="list-style-type: none"> <li>• Phone line trouble</li> <li>• Clock trouble</li> <li>• "Default Switch" ON</li> <li>• MS1 report trouble</li> <li>• MS2 report trouble</li> <li>• MS3 report trouble</li> <li>• 3 min bypass</li> <li>• Walk test</li> <li>• AUX trouble</li> <li>• Reserve (RS485 Bus trouble)</li> <li>• BELL trouble</li> <li>• BELL tamper</li> <li>• Service Expired</li> <li>• Payment Expired</li> <li>• Service mode</li> <li>• Dual Path</li> <li>• OK</li> </ul>
	<ul style="list-style-type: none"> <li>• No link</li> </ul>
	<ul style="list-style-type: none"> <li>• Box or Back tamper</li> </ul>

### 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

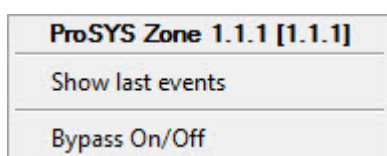
Command	Function
Disarm	Disarm
Arm Group A	Arm group A

The following *RISCO* partition conditions are possible:

	<ul style="list-style-type: none"> <li>• Alarm</li> <li>• Duress</li> <li>• False Code</li> <li>• Fire</li> <li>• Panic</li> <li>• Medic</li> <li>• Exit Open zone is open</li> <li>• No Activity Alert</li> <li>• Trouble</li> </ul>
	<ul style="list-style-type: none"> <li>• Armed</li> <li>• Home (stay)</li> <li>• Group 'A'-'D' Arm</li> <li>• Malfunction</li> </ul>
	<ul style="list-style-type: none"> <li>• Ready to Arm</li> <li>• Exist</li> <li>• Reset required</li> <li>• Not exist</li> </ul>
	<ul style="list-style-type: none"> <li>• Not exist</li> </ul>

## 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:

	<ul style="list-style-type: none"> <li>• Open</li> </ul>
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	<ul style="list-style-type: none"><li>• Alarm</li><li>• Tamper</li><li>• Trouble</li><li>• Lost</li><li>• Low battery</li><li>• Communication trouble</li><li>• Soak Test trouble</li></ul>
	<ul style="list-style-type: none"><li>• Armed</li><li>• 24 hour zone</li></ul>
	<ul style="list-style-type: none"><li>• Bypass</li><li>• Not used</li></ul>
	<ul style="list-style-type: none"><li>• Disarmed</li></ul>