



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

ACFA PSIM 1.1

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Table of Contents

1	List of terms used in the Guide for configuring and working with the SALTO (AxACFA) integration module	3
2	Introduction into the Guide for configuring and working with the SALTO (AxACFA) integration module	4
2.1	Purpose of the document	4
2.2	General information about the SALTO (AxACFA) integration module	4
3	Supported software and licensing of the SALTO (AxACFA) module	6
4	Configuring the SALTO (AxACFA) integration module.....	7
4.1	Configuring the SALTO (AxACFA) parent object	7
4.2	Configuring the SALTO (AxACFA) Door/Reader	8
5	Working with the SALTO (AxACFA) integration module	10
5.1	General information about working with the SALTO (AxACFA) integration module	10
5.2	Managing the SALTO (AxACFA) parent object.....	10
5.3	Managing the SALTO (AxACFA) Door/Reader.....	10
5.4	Managing the SALTO (AxACFA) Zone.....	12
5.5	Managing the SALTO (AxACFA) Encoder	12

1 List of terms used in the Guide for configuring and working with the SALTO (AxACFA) integration module

Access is movement of users, transportation and other objects to (from) premises, buildings, zones, and territories.

Server is a computer with the installed configuration of the *Axxon PSIM Server*.

Client is a computer with the installed configuration of the *Axxon PSIM Client*.

Controller is a hardware device used to control and manage access points.

Access Control System (ACS) is a hardware and software system used to perform access control and management functions.

Readers are hardware devices used to enter a memorized code from a keyboard or read a code information from system keys (identifiers).

Access point is a place where access control is performed. An access point can be a door, turnstile, gate, barrier equipped with a reader, electromechanical lock, and other means of access control.

Access identifier is a key (physical or digital) by which access is granted to objects to premises, buildings, zones, and territories.

Access card is a physical access identifier registered by the reader.

Encoder is a hardware device used to assign access cards to users.

Time schedule is an aggregate of an arbitrary number of time intervals within each day of a time cycle (from 1 to 366 days), as well as time intervals during special dates. Time schedules determine the access schedule to the protected facility.

PPD (portable programming device) is a device used to transfer data between SALTO devices and a computer.

SHIP (Salto Host Interface Protocol) is a protocol via which the software of the SALTO ACS manufacturer works with third-party software.

2 Introduction into the Guide for configuring and working with the SALTO (AxACFA) integration module

On the page:

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

2.1 Purpose of the document

The *Guide for configuring and working with the SALTO (AxACFA) integration module* is a reference and information manual and is intended for configuration specialists and operators of the *SALTO (AxACFA)* module. This module is a part of the Access Control System implemented on the basis of *ACFA PSIM*.

The Guide has the following information:

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

2.2 General information about the SALTO (AxACFA) integration module

The *SALTO (AxACFA)* integration module is a part of the *ACS* implemented on the basis of *ACFA PSIM* and is used to perform the following functions:

1. Configuration of the *SALTO ACS* (manufacturer SALTO Systems).
2. Providing interaction of the *SALTO ACS* with *ACFA PSIM* (monitoring, control).

Note

For detailed information about *SALTO ACS*, refer to the official reference documentation for this system (manufacturer SALTO Systems).

Attention!

For the *SALTO (AxACFA)* integration module to work, the computer on which the *ACFA PSIM* Server is installed and the computer on which the software of the *SALTO ACS* manufacturer is installed must be on the same network.

Note

You can remotely control the *SALTO (AxACFA)* module from the Clients of a distributed system implemented on the basis of *ACFA PSIM*.

Before working with the *SALTO (AxACFA)* integration module, you must do the following:

1. Install the *SALTO ACS* hardware on the protected facility (see the official *SALTO ACS* reference documentation).
2. Configure the *SALTO ACS* in the manufacturer's software (see the official reference documentation).
3. Connect the *SALTO ACS* to the Server.

3 Supported software and licensing of the SALTO (AxACFA) module

Manufacturer	Salto Systems S.L., C/Arkotz 9 Pol. Lanbarren 20180, Oiartzun (Gipuzkoa) Website: https://saltosystems.com/ email: info@ https://saltosystems.com/
Type of integration	SOFT-SOFT

Supported software

Software	Function
SALTO ProAccess SPACE version 6.6.4.2	Access Control Software

Module licensing

Per one reader.

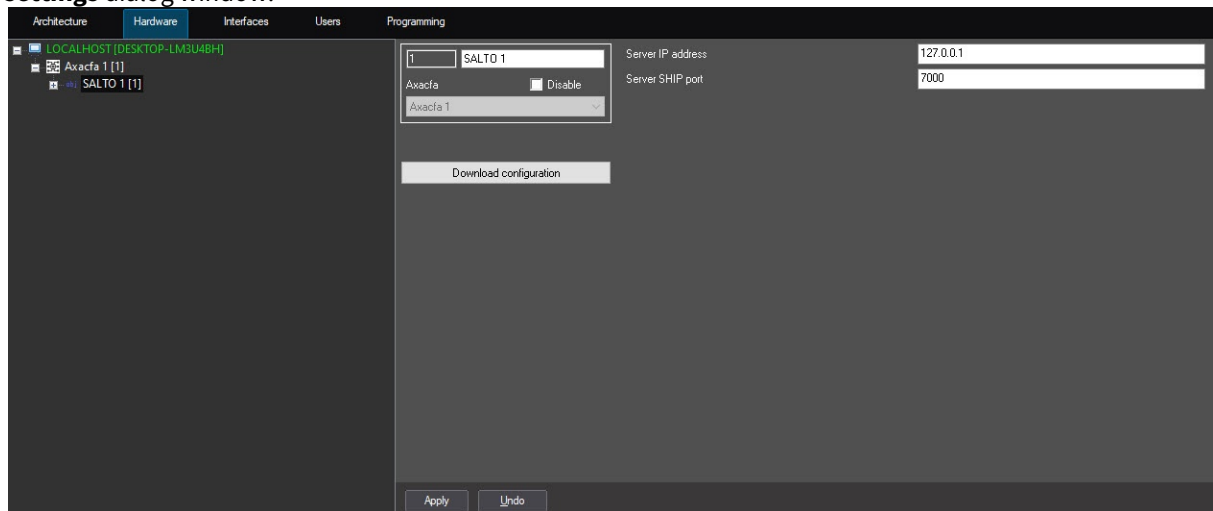
4 Configuring the SALTO (AxACFA) integration module

4.1 Configuring the SALTO (AxACFA) parent object

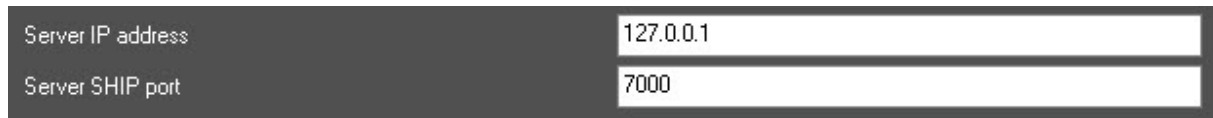
To work with the *SALTO (AxACFA)* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

To configure the *SALTO* parent object, do the following:

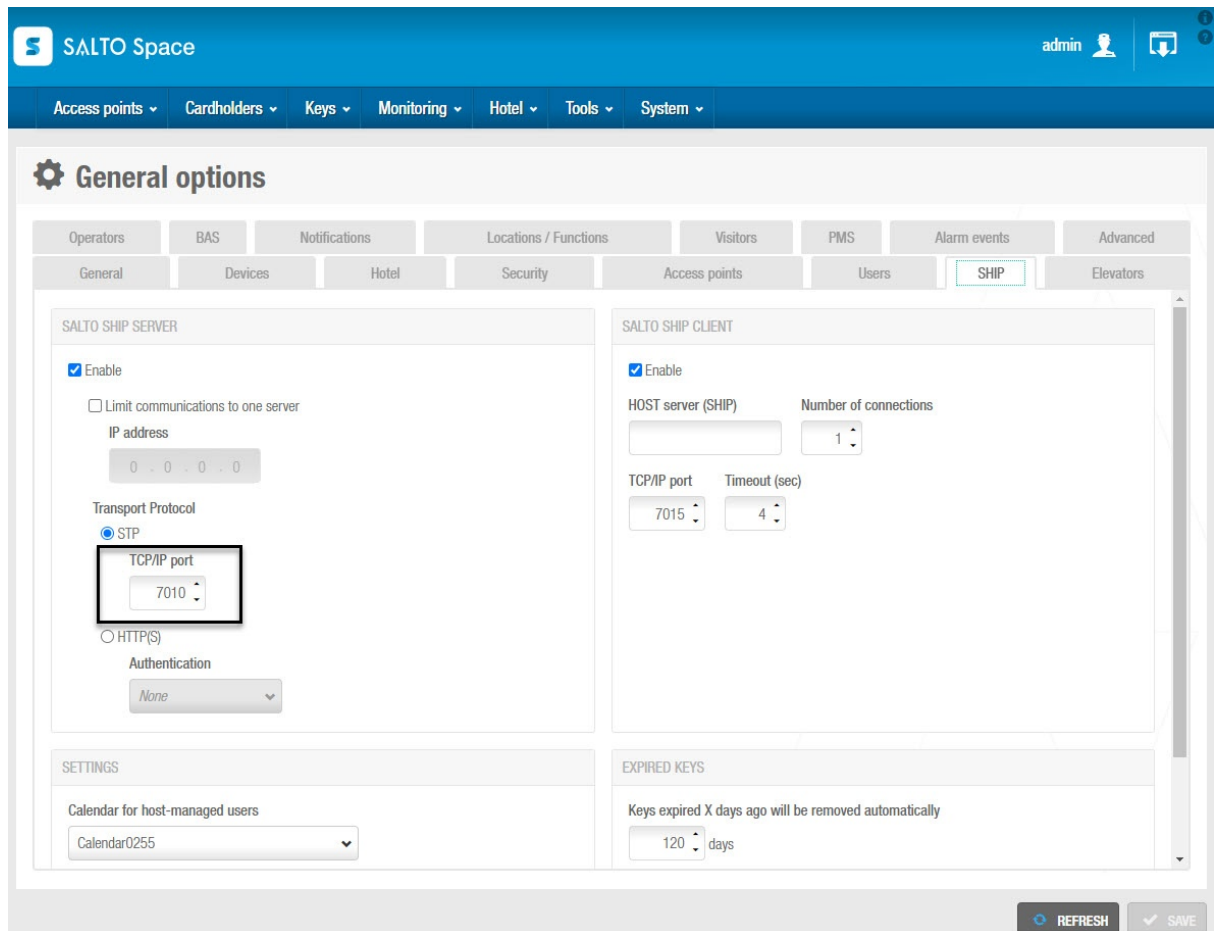
1. Create the **SALTO** parent object on the basis of the **Axacfa** object on the **Hardware** tab of the **System settings** dialog window.



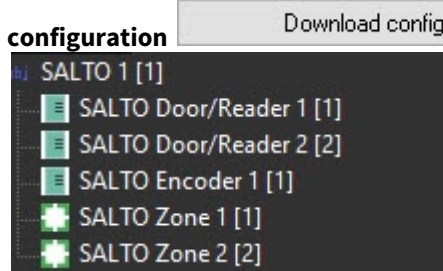
2. In the **Server IP address** field, enter the IP address of the computer on which the *SALTO* "ProAccess Space Service" software is installed.



3. In the **Server SHIP port** field, specify the port number of the SHIP client that is configured in the *SALTO* "ProAccess Space Service" software. You can see this number in the settings of the ProAccess Space Service web client here:



4. Click the **Apply** button to save the settings.
5. To download the configuration and automatically build the hardware tree, click the **Download configuration** button. A hardware tree will be built:

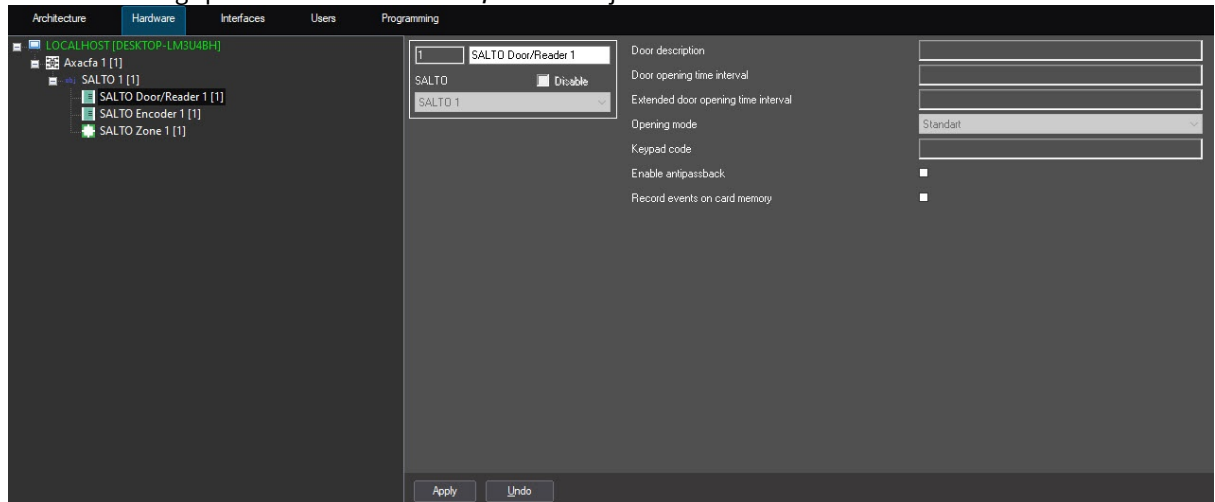


4.2 Configuring the SALTO (AxACFA) Door/Reader

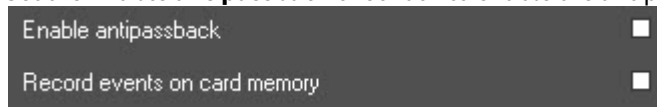
The **SALTO Door/Reader** object is created automatically after you download the configuration on the basis of the **SALTO** object (see [Configuring the SALTO \(AxACFA\) parent object](#)).

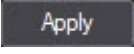
To configure the **SALTO Door/Reader** object, do the following:

1. Go to the settings panel of the **SALTO Door/Reader** object.



2. Set the **Enable antipassback** checkbox to enable the antipassback control. By default, the checkbox is clear.



3. Set the **Record events on card memory** checkbox to record events on card memory. By default, the checkbox is clear.
4. Click the **Apply**  button to save the settings.

The remaining fields are filled in automatically after you download the *SALTO* configuration.

5 Working with the SALTO (AxACFA) integration module

5.1 General information about working with the SALTO (AxACFA) integration module

The following interface objects are used to work with the *SALTO (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*.

5.2 Managing the SALTO (AxACFA) parent object

You cannot manage the *SALTO (AxACFA)* parent object in the **Map** interactive window.

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

	Connection established
	No connection
	Connection lost

5.3 Managing the SALTO (AxACFA) Door/Reader








You can manage the door/reader of the *SALTO (AxACFA)* module in the **Map** interactive window using the function menu of the **SALTO Door/Reader** object.



SALTO Door/Reader 1 [1]
Show last events
Emergency close
Emergency open
End emergency
Open

Commands to manage the door/reader of the *SALTO (AxACFA)* module are described in the table:

Function menu command	Function
Emergency close	Emergency door closing. After emergency closing, the door is locked, closed and cannot be opened
Emergency open	Emergency door opening. The door doesn't close automatically after an emergency opening
End emergency	Switching the door from emergency to standby mode
Open	Door opening. After opening, the door will automatically close after the time interval specified in the Door opening time interval field (see Configuring the SALTO (AxACFA) Door/Reader)

The door/reader of the SALTO (AxACFA) module can have the following states:

	Unknown state
	Alarm: tamper
	Opened
	Closed
	Emergency open
	Emergency close
	Alarm: Intrusion

	<p>Initializing</p>
	<p>Left opened</p>

5.4 Managing the SALTO (AxACFA) Zone

You cannot manage the *SALTO (AxACFA)* Zone in the **Map** interactive window.

The *SALTO (AxACFA)* Zone can have the following state:

	<p>Default state</p>
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5.5 Managing the SALTO (AxACFA) Encoder

You cannot manage the *SALTO (AxACFA)* Encoder in the **Map** interactive window.

The *SALTO (AxACFA)* Encoder can have the following state:

	<p>Default state</p>
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