



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

ACFA PSIM 1.1

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# 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 for monitoring and controlling the SALTO ACS devices. You cannot configure the SALTO ACS hardware in ACFA PSIM.

#### Note

For detailed information about SALTO ACS, refer to the official reference documentation for this system (manufacturer SALTO Systems).  
You can remotely control the SALTO (AxACFA) module from the Clients of a distributed system implemented on the basis of ACFA PSIM.

#### 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.

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

<b>Manufacturer</b>	SALTO Systems, S.L Pol. Lanbarren C/ Arkotz, 9 20180 Oiartzun Spain Phone: +34 943 344 550 Website: <a href="http://www.saltosystems.com">www.saltosystems.com</a>
<b>Type of integration</b>	SOFT-SOFT

**Supported software**

<b>Software</b>	<b>Function</b>
SALTO ProAccess SPACE version 6.6.4.2	Access Control Software

**Module licensing**

Per one reader.

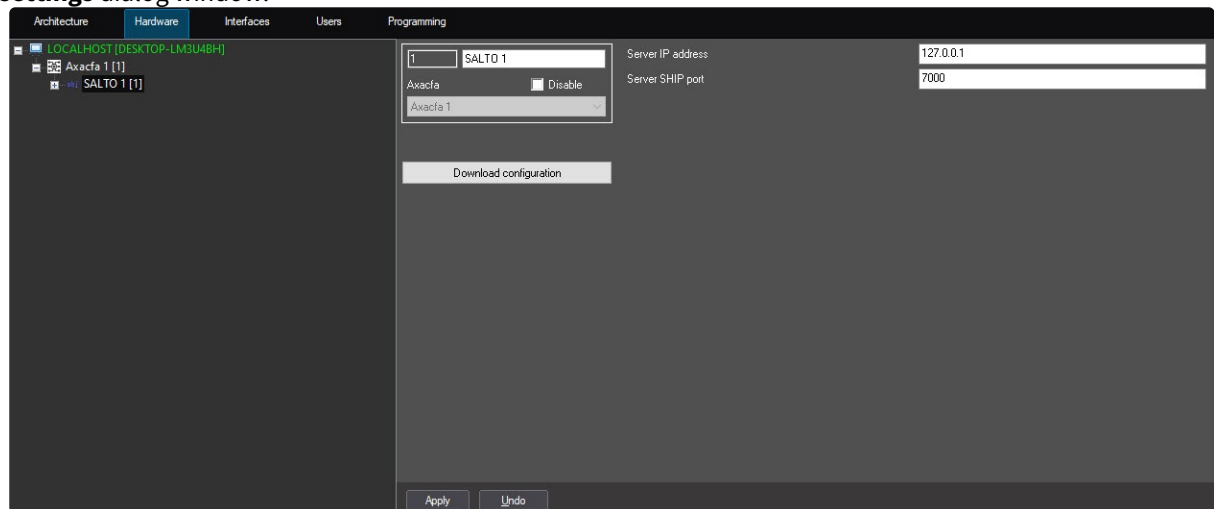
## 4 Configuring the SALTO (AxACFA) integration module

### 4.1 Configuring the SALTO (AxACFA) parent object

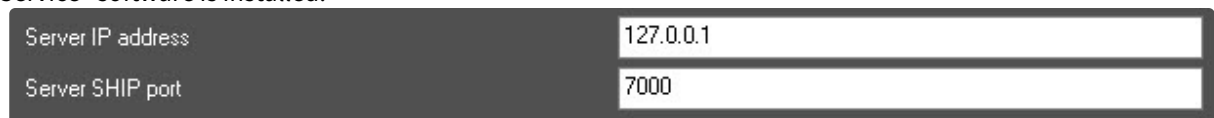
To work with the *SALTO (AxACFA)* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

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

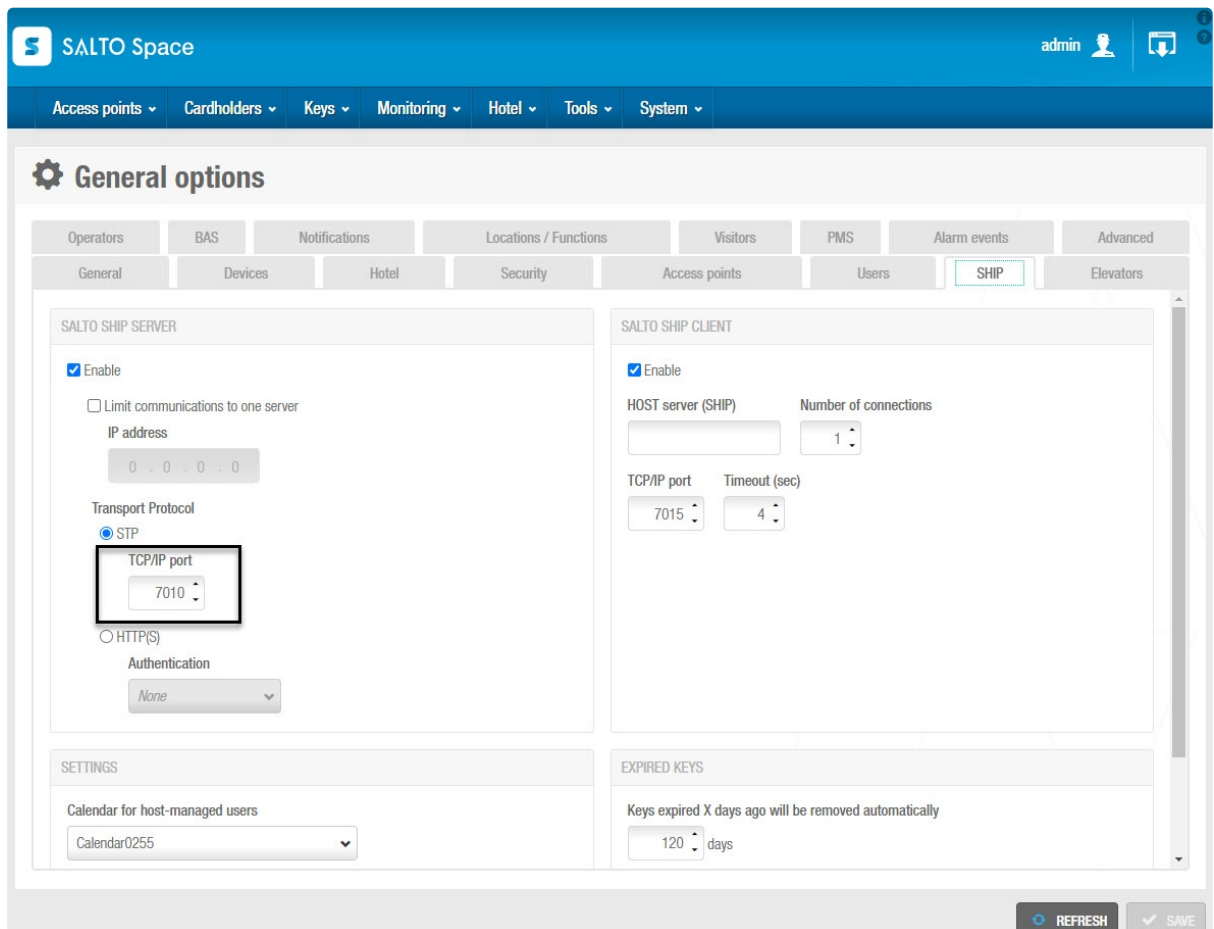
1. Create the **SALTO** parent object on the basis of the **Axacfa** object on the **Hardware** tab of the **System settings** dialog window.

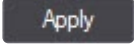



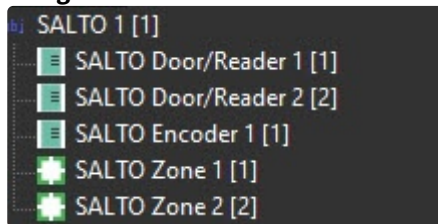
2. In the **Server IP address** field, enter the IP address of the computer on which the *SALTO* "ProAccess Space Service" software is installed.



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:



The SALTO parent object is now configured.

## 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

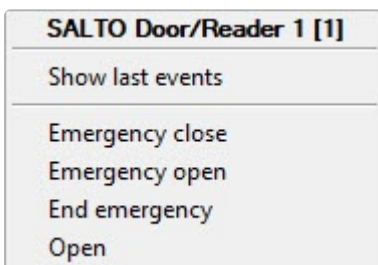
You cannot manage the *SALTO (AxACFA)* parent object in the **Map** window.

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** window using the menu of the **SALTO Door/Reader** object.





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 settings in the software of the SALTO ACS manufacturer

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** 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** window.

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

	<p>Default state</p>
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