



Axis (Drivers Pack) integration module configuration and operation manual

ACFA PSIM 1.1

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1 Introduction into Axis integration module configuration and operation manual

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1.1 Purpose of the Document

Configuration and operation manual for Axis integration module is a reference and information guide meant for *Axis* configuration specialists and operators. This module is a part of *ACFA PSIM* software package.

The guide provides:

1. General information about *Axis* module.
2. Information about how to configure *Axis* module.
3. Information about how to use *Axis* module.

1.2 General information about Axis integration module

The *Axis* integration module operates as a part of the **Security Equipment** component of the *ACFA PSIM* software package and provides only for receiving the events and managing the *Axis* doors.

Attention!

ACFA PSIM software package does not support the configuration of *Axis* equipment, including the transfer of user data and access parameters. The *Axis* equipment can be configured in the device WEB interface.

Attention!

The following software is required for the *Axis* integration module to work:

- Drivers Pack (download it here: [Drivers Pack](#));
- Internet Explorer 11 or higher.

Before configuring *Axis* integration module, do the following:

1. Install *Axis* hardware on the object under security surveillance (refer to the manufacturer's official documentation — Axis Communications AB);
2. Connect the *Axis* equipment to the Server and configure it in the device WEB interface.

Note

For the detailed information about the *Axis* system, see the official reference documentation for this system.

2 Supported hardware and licensing of the Axis integration module

Manufacturer	Axis Communications AB Emdalavägen 14 SE-223 69 Lund Tel.: +46 46 272 18 00 Fax: +46 46 13 61 30
Integration type	Drivers Pack (ONVIF)
Equipment connection	Ethernet

Supported equipment

Equipment	Purpose	Feature
A1001	Network door controller	Maximum 2 doors Wiegand and RS 485 OSDP readers support 14 configurable inputs/outputs 5 power outlets for door accessories

Software Licensing

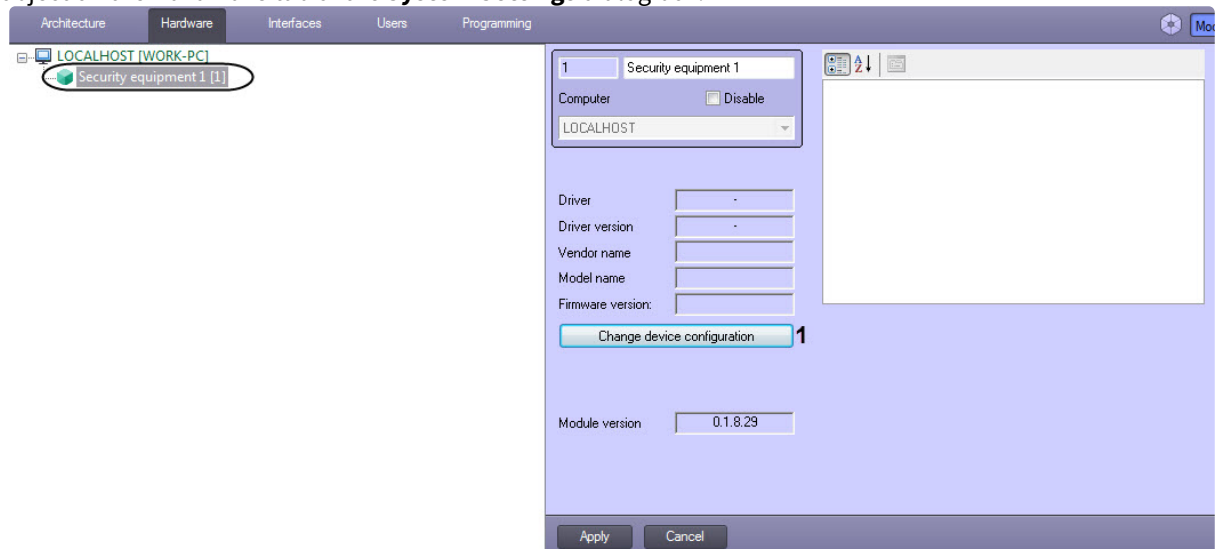
Per reader

3 Configuration of the Axis integration module

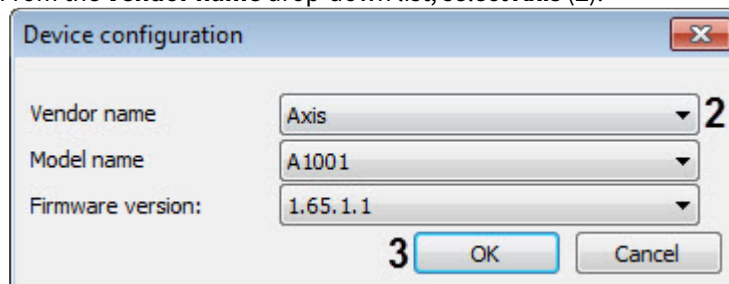
3.1 Connecting Axis to ACFA PSIM

Axis connection to *ACFA PSIM* software package is configured as follows:

1. Go to the settings panel of the **Security equipment** object, which is created on the basis of the **Computer** object on the **Hardware** tab of the **System Settings** dialog box.



2. On the settings panel of the **Security equipment** object, click the **Change device configuration** button (1).
3. From the **Vendor name** drop-down list, select **Axis** (2).



Note

The **Model name** and **Firmware version** parameters will be filled automatically.

4. Click **OK** (3).

- In the **address** field (4), enter the IP address of the *Axis* device.

The screenshot shows the configuration window for a Security equipment object. The 'Misc' section is highlighted with a red box and contains the following fields:

Misc	
4 address	
5 blockingconfiguration	<input type="checkbox"/> False
6 login	root
7 password	root
8 port	80

The 'Driver' section is highlighted with a red circle and contains the following fields:

Driver	OnvifAcfa
Driver version	3.0.0
Vendor name	Axis
Model name	A1001
Firmware version:	1.65.1.1

The 'Apply' button at the bottom left is highlighted with a red number '10'.

- Set the **True** value for the **blockingconfiguration** parameter (5), if it is required that any changes made in the *ACFA PSIM* are automatically written to the device. Otherwise, set the **False** value, and the changes will not be written to the device.
- In the **login** (6) and **password** (7) fields, enter the login and password to connect to the *Axis* device. The default login and password is **root**.
- In the **port** field (8) enter port **80**.
- Click **Apply** (10).

Note

In the area (9), the information corresponding to the current configuration of the **Security equipment** object is indicated.

Axis connection to *ACFA PSIM* software package is completed.

3.2 Configuring the Axis door

After you connect *Axis* to *ACFA PSIM*, a **Door (OnvifAcfa)** object, which corresponds to the *Axis* door, will be automatically created under the **Security equipment** object.

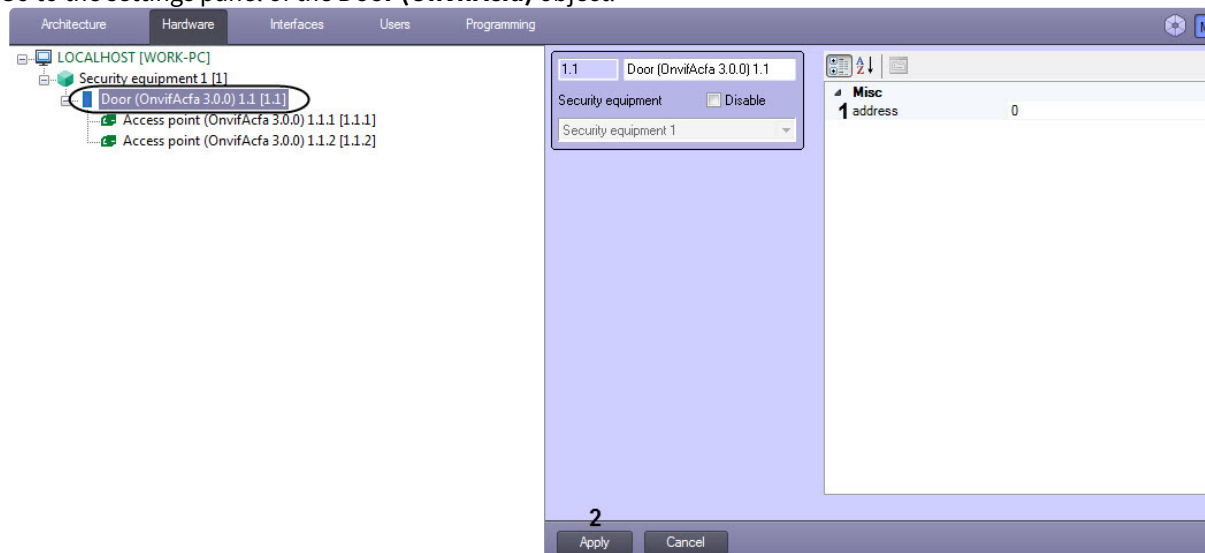
Note

If the controller is configured in the **One door entry and exit** mode, then there should be only one **Door (OnvifAcfa)** object in the device tree.

If the controller is configured in the **Two-door** mode, then there should be two **Door (OnvifAcfa)** objects in the device tree. To add the second *Axis* door, it is necessary to create a **Door (OnvifAcfa)** object on the basis of the **Security equipment** object.

To configure the *Axis* door, do the following:

1. Go to the settings panel of the **Door (OnvifAcfa)** object.



2. In the **address** field (1), enter the door address that is specified in the *Axis* device web interface.
3. Click **Apply** (2) to save the changes.
4. Configure the second door in the same way, if necessary.

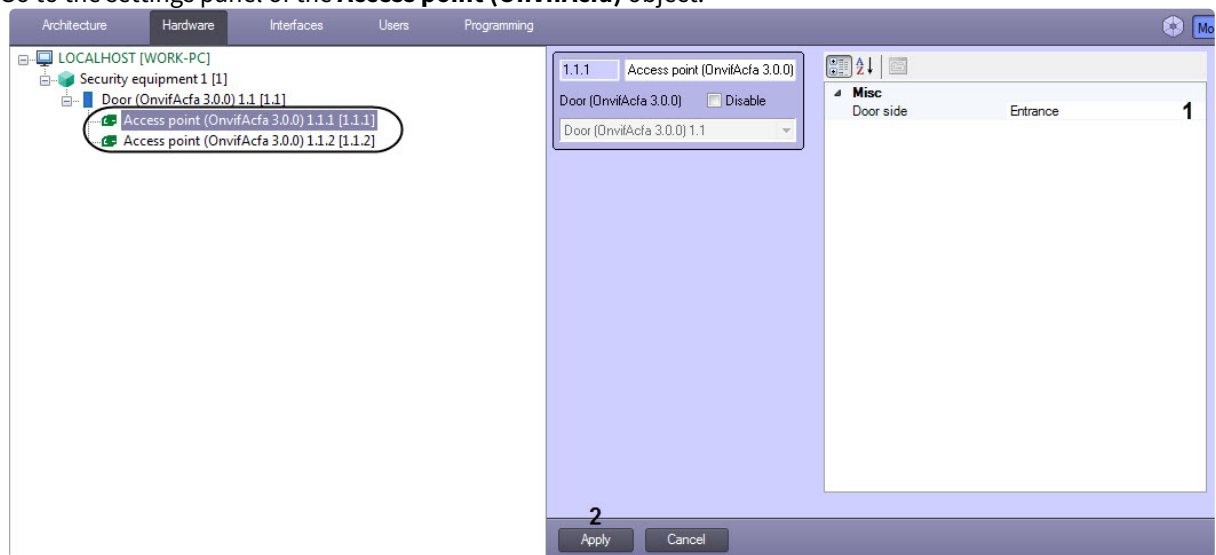
Axis door setup is complete.

3.3 Configuring the *Axis* access points

Two **Access point (OnvifAcfa)** objects are automatically created under each door object. They correspond to the access points on different sides of the door, if the controller is configured in the **One door entry and exit** mode. If the controller is configured in the **Two-door** mode, then there should be only one **Access point (OnvifAcfa)** object under each **Door (OnvifAcfa)** object (it is necessary to delete the excess **Access point (OnvifAcfa)** object).

To configure the *Axis* access points, do the following:

1. Go to the settings panel of the **Access point (OnvifAcfa)** object.



2. In the **Door side** drop-down list (1), select the access point location relative to the door: **Entrance** or **Exit**.
3. Click **Apply** (2) to save the changes.
4. Configure the second access point in the same way.

Configuration of Axis access points is complete.

4 Operation of the Axis integration module

4.1 General information on Axis integration module operation

The following interface objects are used for *Axis* integration module operation:

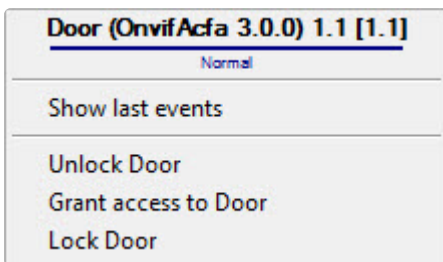
1. **Map.**
2. **Event Log.**

For a detailed description of configuring these interface objects, refer to the *Axxon PSIM Software System Administrator's Guide*.

For a detailed description of using these interface objects, refer to the *Axxon PSIM Software System Operator's Guide*.

4.2 Managing the Axis door


The *Axis* door is controlled in the **Map** interactive window using the functional menu of the **Door (OnvifAcfa....)** object.









Menu commands of the *Axis* door are described in the table:

Menu item	Function
Unlock Door	Unlock the door
Grant access to Door	Open the door
Lock Door	Lock the door

Door states can be as follows:

<p>Door (OnvifAcfa 3.0.0) 1.1 [1.1]</p> 	<p>Normal</p>
-----------------------------------------------------------------------------------------------------------------------------	---------------

Door (OnvifAcfa 3.0.0) 1.1 [1.1] 	Failure
Door (OnvifAcfa 3.0.0) 1.1 [1.1] 	Opened
Door (OnvifAcfa 3.0.0) 1.1 [1.1] 	Locked
Door (OnvifAcfa 3.0.0) 1.1 [1.1] 	Accessed
Door (OnvifAcfa 3.0.0) 1.1 [1.1] 	Door is held open too long
Door (OnvifAcfa 3.0.0) 1.1 [1.1] 	Door is forced open

4.3 Managing the Axis access point

The *Axis* access point can not be controlled in the **Map** interactive window.

Access point states can be as follows:

<p>Access point (OnvifAcfa 3.0.0) 1.1.1 [1.1.1]</p> 	<p>Normal</p>
<p>Access point (OnvifAcfa 3.0.0) 1.1.1 [1.1.1]</p> 	<p>Failure</p>