ACFA Intellect

Axis (Drivers Pack) integration module configuration and operation manual

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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 Intellect* 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 Intellect* software package and provides only for receiving the events and managing the *Axis* doors.

Attention!

ACFA Intellect 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

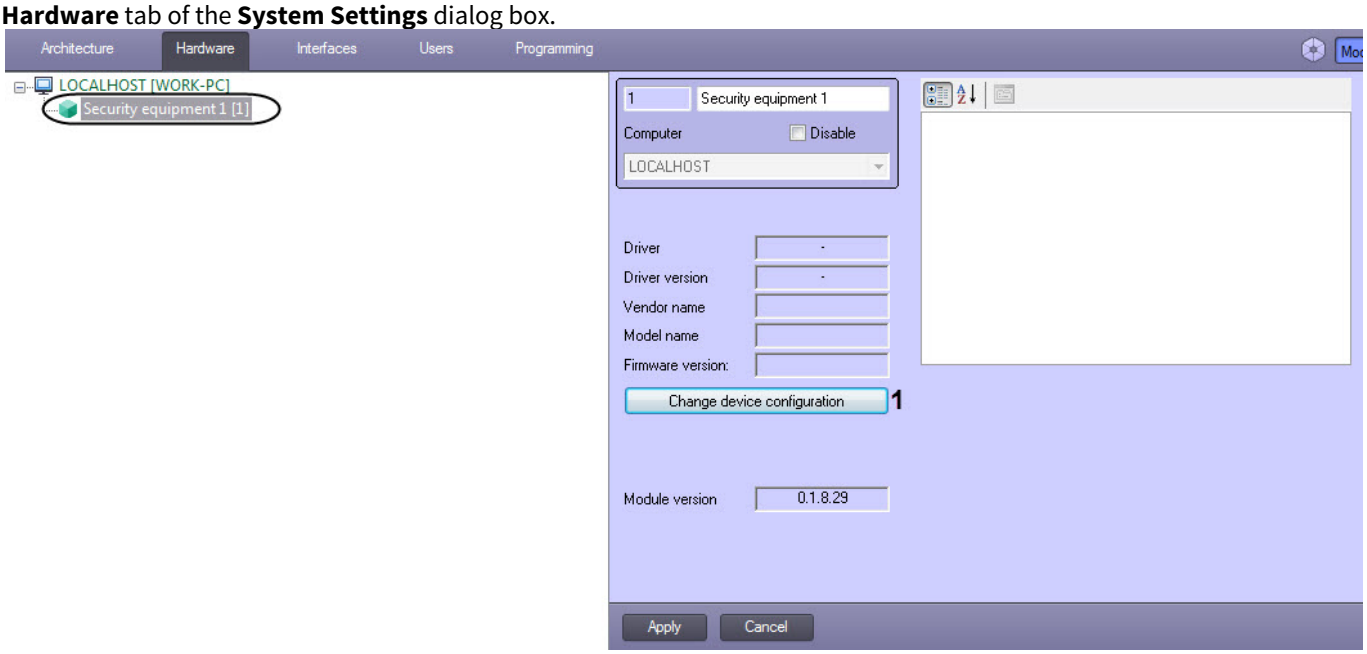
Per reader

3 Configuration of the Axis integration module

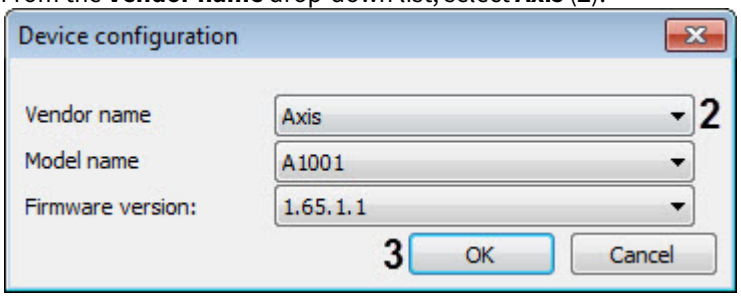
3.1 Connecting Axis to ACFA Intellect

Axis connection to *ACFA Intellect* 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.



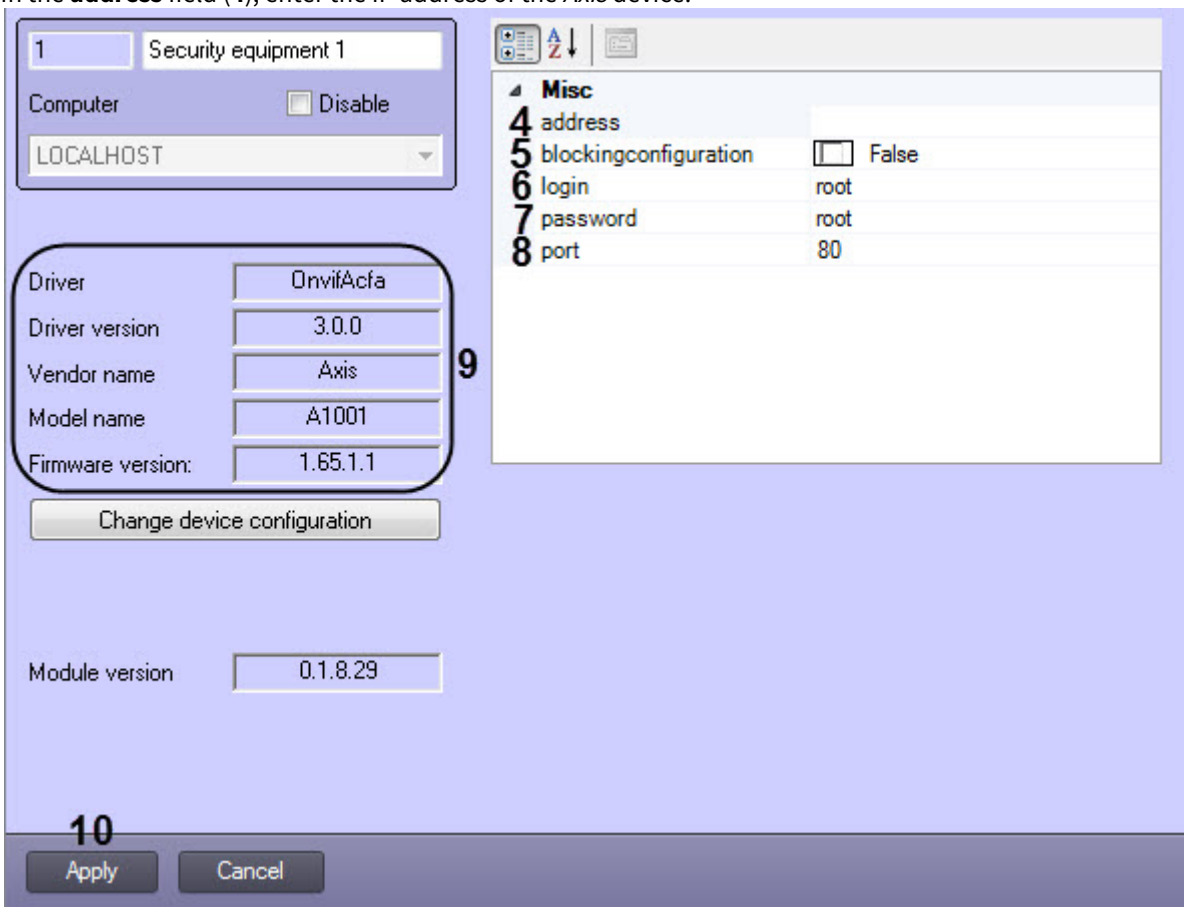
2. On the settings panel of the **Security equipment** object, click the **Change device configuration** button (**1**).
3. From the **Vendor name** drop-down list, select **Axis** (**2**).



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

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

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



6. Set the **True** value for the **blockingconfiguration** parameter (**5**), if it is required that any changes made in the *ACFA Intellect* are automatically written to the device. Otherwise, set the **False** value, and the changes will not be written to the device.
7. 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**.
8. In the **port** field (**8**) enter port **80**.
9. 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 Intellect* software package is completed.

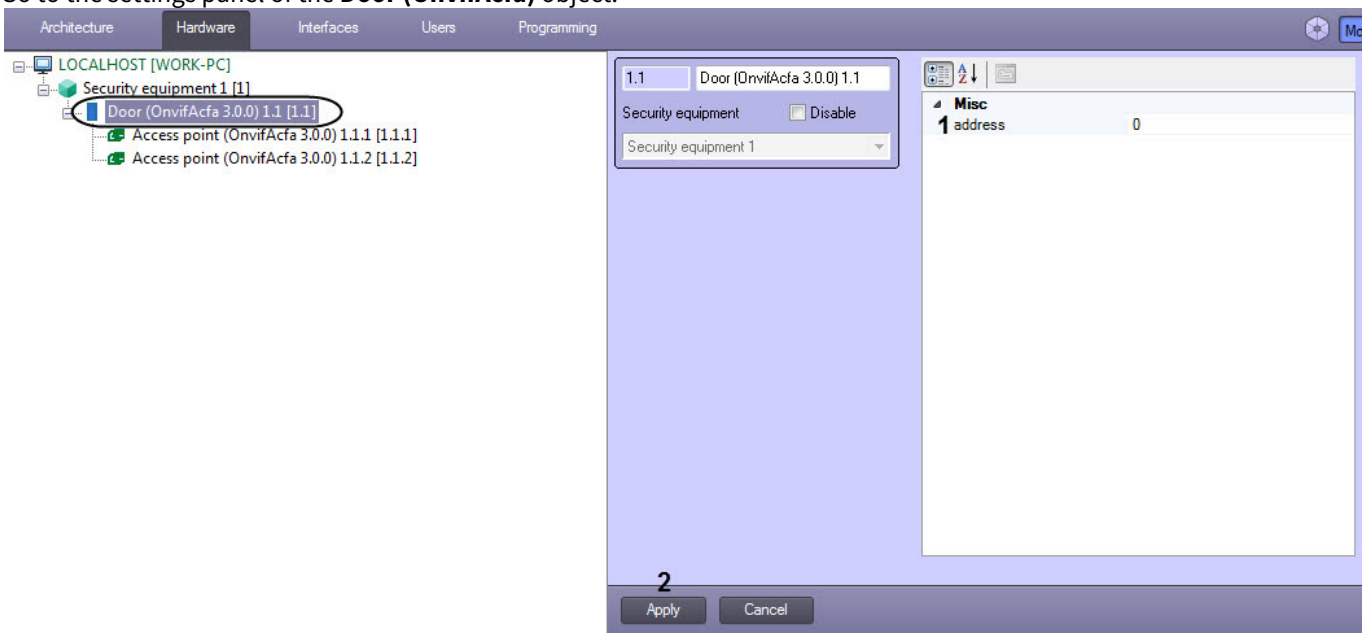
3.2 Configuring the Axis door

After you connect *Axis* to *ACFA Intellect*, 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.

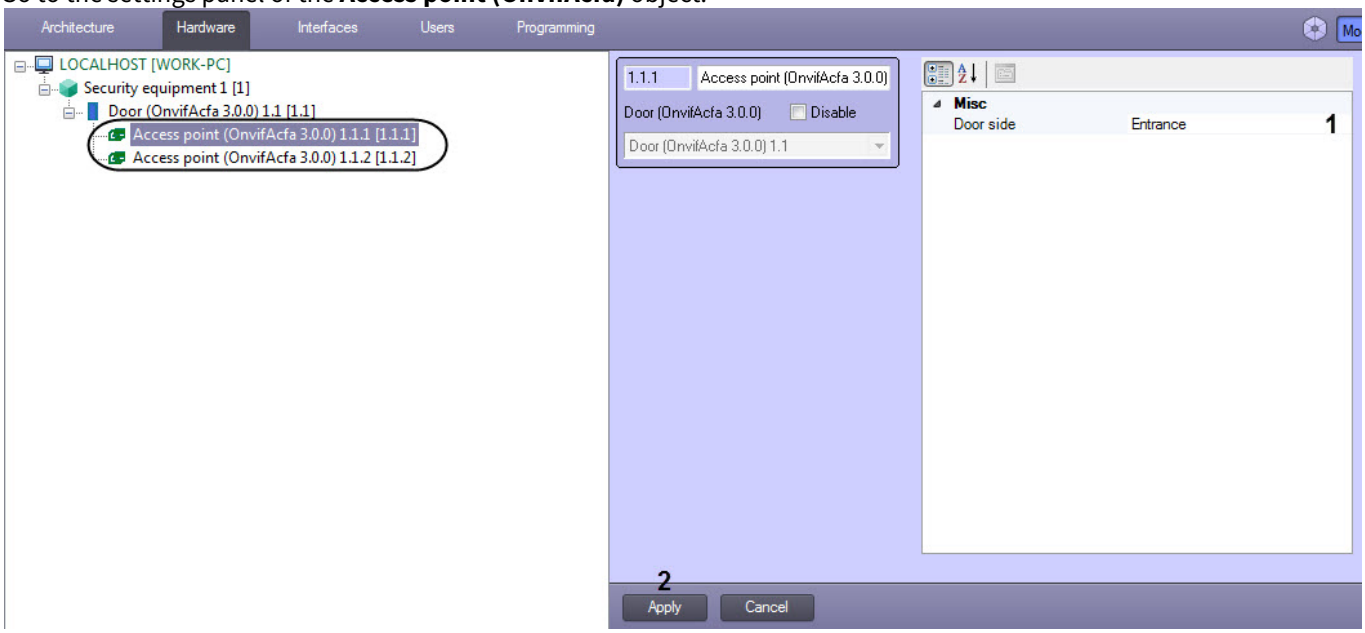
Axis door setup is complete.

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 detailed description of configuring these interface objects, please refer to the Intellect PSIM Administrator's Guide.

For detailed description of using these interface objects, please refer to the Intellect PSIM 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:

Door (OnvifAcfa 3.0.0) 1.1 [1.1] 	Normal
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:

Access point (OnvifAcfa 3.0.0) 1.1.1 [1.1.1] 	Normal

Access point (OnvifAcfa 3.0.0) 1.1.1 [1.1.1] 	Failure