



Guide for configuring and working with the FaceID integration module

ACFA PSIM 1.5

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1 Introduction into the Guide for configuring and working with the FaceID integration module

On the page:

- Purpose of the document
- General information about the FaceID integration module

1.1 Purpose of the document

The *Guide for configuring and working with the FaceID integration module* is a reference and information manual and is intended for configuration specialists of the *FaceID* integration module. This module is a part of the access control system (ACS) implemented on the basis of *ACFA PSIM*.

The Guide has the following information:

1. General information about the *FaceID* integration module.
2. Configuring the *FaceID* integration module.
3. Working with the *FaceID* integration module.

1.2 General information about the FaceID integration module

The *FaceID* 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 *Bosch* terminal (manufacturer—Bosch Sicherheitssysteme GmbH).
2. Providing interaction of the *Bosch* terminal with *ACFA PSIM* (monitoring).

Note

For detailed information about the *FaceID* ACS, refer to the official reference documentation for this system.

Before configuring the *FaceID* integration module, you must do the following:

1. Install the *Bosch* hardware on the protected facility (see the official *Bosch* reference documentation).
2. Connect the *Bosch* terminal to the *Axxon PSIM* Server (see the official *Bosch* reference documentation).

2 Supported hardware and licensing of the FaceID module

| | |
|----------------------------|--|
| Manufacturer | Bosch Sicherheitssysteme GmbH Bosch Service Center Postfach 30 02 20 70442 Stuttgart GERMANY Phone: +49 711 400 40990 Website: https://www.boschsecurity.com/ |
| Type of integration | SOFT-SOFT |
| Hardware connection | Ethernet |

Supported hardware

| Hardware | Function |
|---------------------|-----------------|
| Bosch ARD-FR084-4BI | Access terminal |
| Bosch ARD-FR054-4BI | Access terminal |

Module licensing

Per each reader (**ACFAReader**).

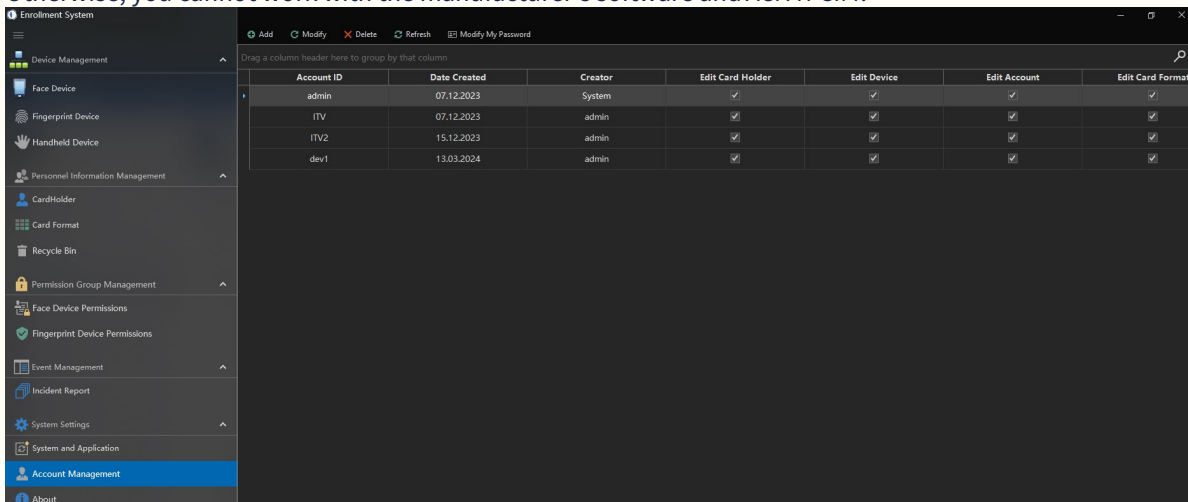
3 Configuring the FaceID integration module

3.1 Configuring the FaceID parent object

Attention!

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

To work with the *FaceID* integration module, you must install and configure the manufacturer's software *FaceID Service "Enrollment System"*, in which several users with administrator permissions are created. Otherwise, you cannot work with the manufacturer's software and *ACFA PSIM*.

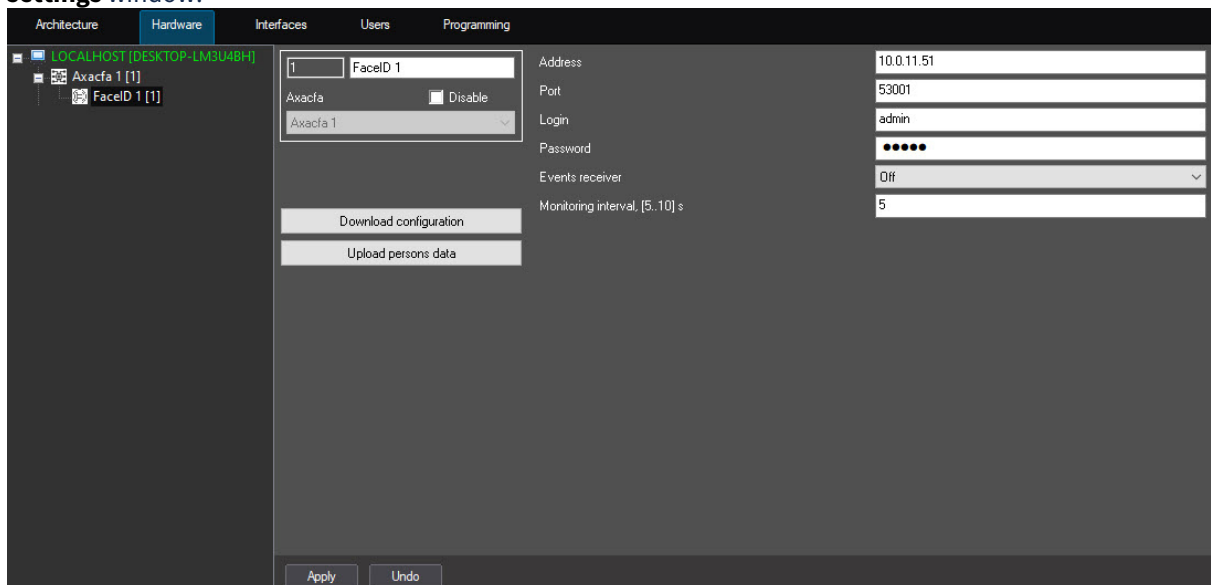


The screenshot shows the 'Enrollment System' interface with a table of accounts. The table has the following columns: Account ID, Date Created, Creator, Edit Card Holder, Edit Device, Edit Account, and Edit Card Format. The data rows are as follows:

| Account ID | Date Created | Creator | Edit Card Holder | Edit Device | Edit Account | Edit Card Format |
|------------|--------------|---------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| admin | 07.12.2023 | System | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ITV | 07.12.2023 | admin | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ITV2 | 15.12.2023 | admin | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| dev1 | 13.03.2024 | admin | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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

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



The screenshot shows the 'System settings' window, 'Hardware' tab. The configuration for the 'FaceID 1' parent object is as follows:

| Field | Value |
|--------------------------------|------------|
| Address | 10.0.11.51 |
| Port | 53001 |
| Login | admin |
| Password | ••••• |
| Events receiver | Diff |
| Monitoring interval, [5..10] s | 5 |

Buttons: Download configuration, Upload persons data, Apply, Undo.

- In the **Address** field, specify the address of the computer on which the manufacturer's software FaceID Service "Enrollment System" is running. You can view the address in the settings of the "Enrollment System" software.
- In the **Port** field, specify the number of the port to connect to the "Enrollment System" software. You can view the number of the port in the settings of the "Enrollment System" software.
- In the **Login** field, specify the name of the user registered in the "Enrollment System" software.
- In the **Password** field, specify the password of the user registered in the "Enrollment System" software.
- From the **Events receiver** drop-down list, select the **On** value to have the access events and region change events included in the Event Viewer, that is, to have the event filter disabled. To enable the event filter, leave the **Off** (default) value. In this case, the access events and region change events aren't included in the Event viewer.
- In the **Monitoring interval, [5..10] s** field, specify the interval in seconds for polling the status of *Bosch* devices in the range from 5 to 10.
- Click the **Download configuration** button to download the configuration to *ACFA PSIM* and automatically build the hardware tree.

A hardware tree will be built:



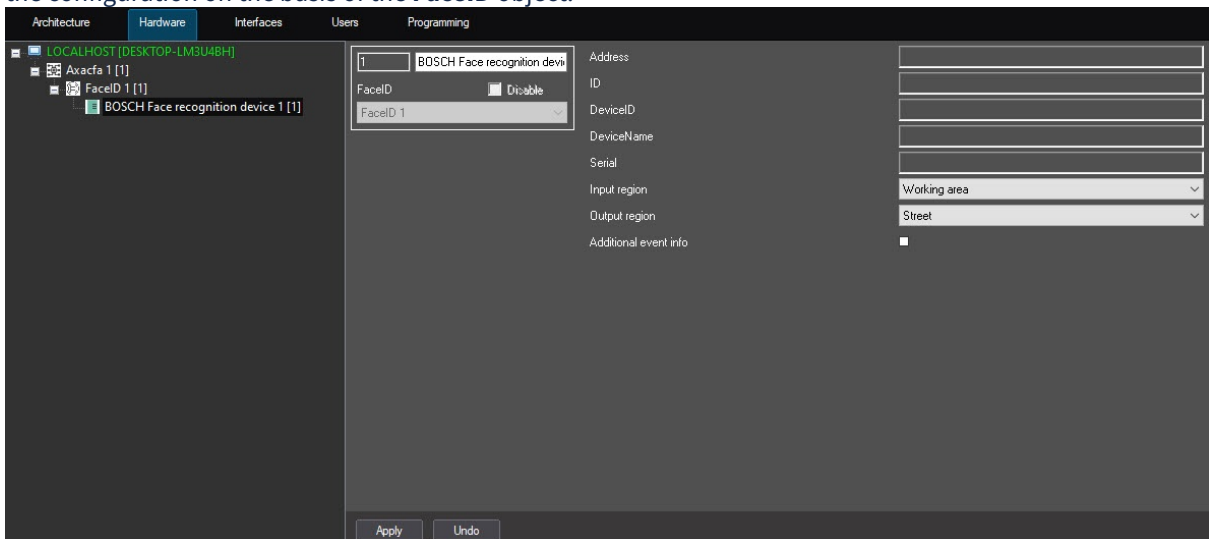
- Click the **Upload persons data** button to upload user data from the *Access Manager* to the *Bosch* terminal.
- Click the **Apply** button to save the changes.

Configuration of the *FaceID* parent object is complete.

3.2 Configuring the Face recognition device

To configure the *Bosch* Face recognition device, do the following:

- Go to the settings panel of the **BOSCH Face recognition device** object that is created after you download the configuration on the basis of the **FacelD** object.



- The **Address**, **ID**, **DeviceID**, **DeviceName**, **Serial** fields are filled in after you download the configuration.
- From the **Input region** and **Output region** drop-down lists, select the regions on the exit and entry sides of the face recognition device, respectively.

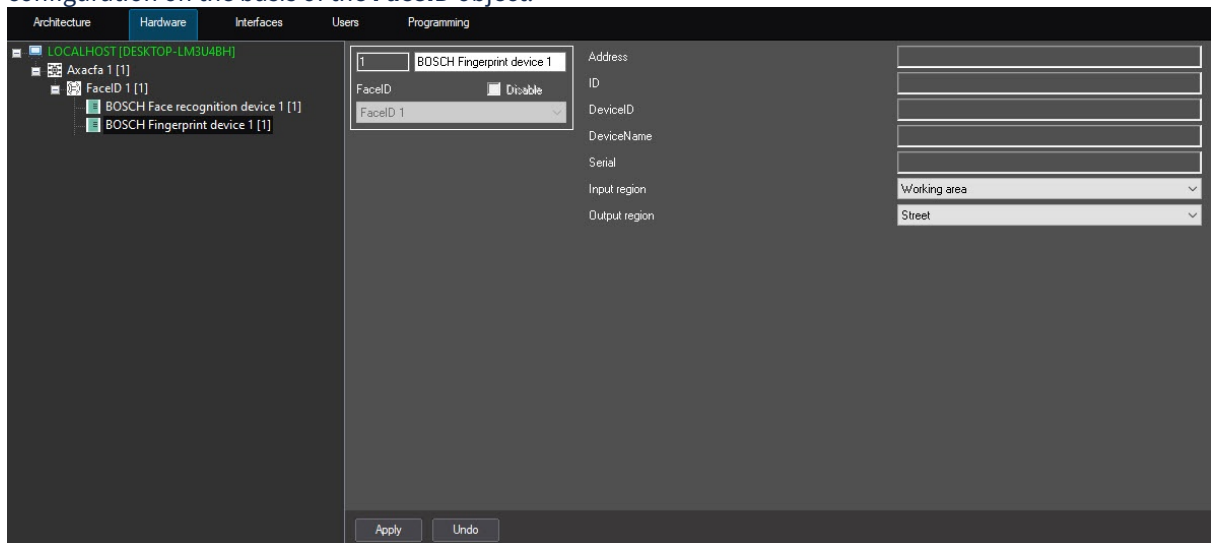
4. Set the **Additional event info** checkbox to add additional information about the access events and region change events by the user to the Event Viewer.
5. Click the **Apply** button to save the changes.

Configuration of the *Bosch* Face recognition device is complete.

3.3 Configuring the Fingerprint device

To configure the *Bosch* Fingerprint device, do the following:

1. Go to the settings panel of the **BOSCH Fingerprint device** object that is created after you download the configuration on the basis of the **FaceID** object.



2. The **Address, ID, DeviceID, DeviceName, Serial** fields are filled in after you download the configuration.
3. From the **Input region** and **Output region** drop-down lists, select the regions on the exit and entry sides of the fingerprint device, respectively.
4. Click the **Apply** button to save the changes.

Configuration of the *Bosch* Fingerprint device is complete.

4 Working with the FaceID integration module

4.1 General information about working with the FaceID integration module

The following interface objects are used to work with the *FaceID* ACS integration module:

1. **Event Viewer.**
2. **Access Manager.**

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*.

For the information on configuring and working with the *Access Manager* module, see [Guide for configuring and working with the Access Manager module](#).

Example of a successful access event of Stouch Batters user from the Event Viewer:

| Source | Event | Region | Add. info | Card | Date and time |
|--------------------------|----------------|--------|---|--------------|----------------------|
| 1.0.BOSCH Face recogn... | Access granted | | Access granted. User: Stouch Batters. Card: (0) 20230110. | (0) 20230110 | 8/7/2024 10:40:38 AM |

4.2 Features of working with cards of the Bosch terminal

You can add access cards to the *Access Manager* via the *Bosch* terminal, *Bosch* reader, or manually.

Only BOSCH CSN 32 bit cards are suitable for working with the *Bosch* ARD-FR084-4BI access terminal. If cards are also used to access through other devices, you must use *Bosch* readers that can work with this card format.

4.3 Managing the FaceID parent object

You cannot manage the *FaceID* parent object in the **Map** window.



The *FaceID* parent object can have the following states:

| | |
|---|--------------|
|  | Connected |
|  | Disconnected |
|  | Unknown |

4.4 Managing the FaceID Face recognition device

You cannot manage the *FaceID* Face recognition device in the **Map** window.

The *FaceID* Face recognition device can have the following states:

| | |
|---|---------|
|  | Online |
|  | Offline |
|  | Unknown |

4.5 Managing the FaceID Fingerprint device

You cannot manage the *FaceID* Fingerprint device in the **Map** window.

The *FaceID* Fingerprint device can have the following states:

| | |
|---|---------|
|  | Online |
|  | Offline |
|  | Unknown |