



SafeKey Integration Module Settings Guide

ACFA PSIM 1.0

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1 Introduction into SafeKey Module Settings Guide

On the page:

- [Purpose of the document](#)
- [General information about the SafeKey integration module](#)

1.1 Purpose of the document

This *SafeKey Module Settings Guide* is a reference manual designed for *SafeKey* Module configuration technicians and operators. This module is part of an access control system (ACS) built on the *ACFA PSIM* Software System.

This Guide presents the following materials:

1. general information about the *SafeKey* integration module;
2. configuration of the *SafeKey* integration module;
3. working with the *SafeKey* integration module.

1.2 General information about the SafeKey integration module

The *SafeKey* module is a component of an ACS built on the *ACFA PSIM* Software System. It is designed to ensure the interaction between the *SafeKey* ACS and the *ACFA PSIM* Software System (monitoring, control).

Before configuring the *SafeKey* module, it is necessary to install the *SafeKey* hardware on the protected object and perform the initial configuration of *SafeKey* devices.

Note

Detailed information about the *SafeKey* ACS is presented in the official documentation (manufacturer *SafeKey*).

2 Supported hardware and licensing of the SafeKey integration module

Manufacturer	SafeKey 95 04-118, Warszawa, ul. Ostrobramska +48 22 225 32 10, +48 500 466 588 info@safekey.pl http://safekey.pl/
Integration type	Low-level protocol
Equipment connection	Ethernet

Supported equipment

Equipment	Function	Features
All SafeKey panel models	Key storage system	See the manufacturer's website

Licensing

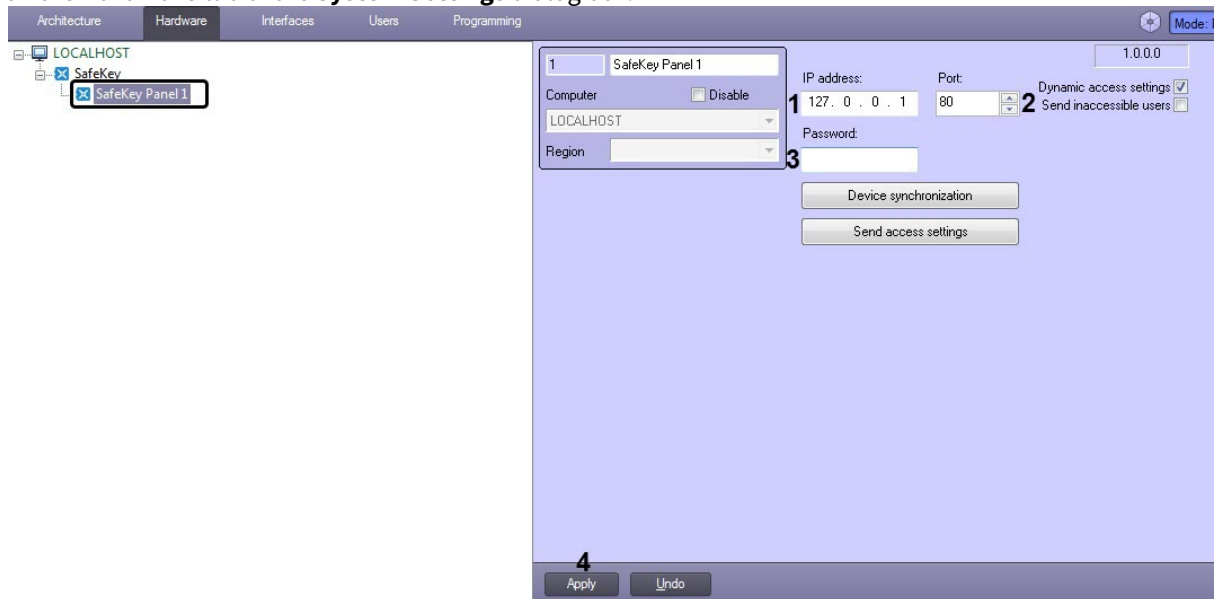
Per each object: Panel, Key.

3 Configuration of the SafeKey integration module

3.1 Configuring the SafeKey panel connection

The *SafeKey* panel connection is configured as follows:

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



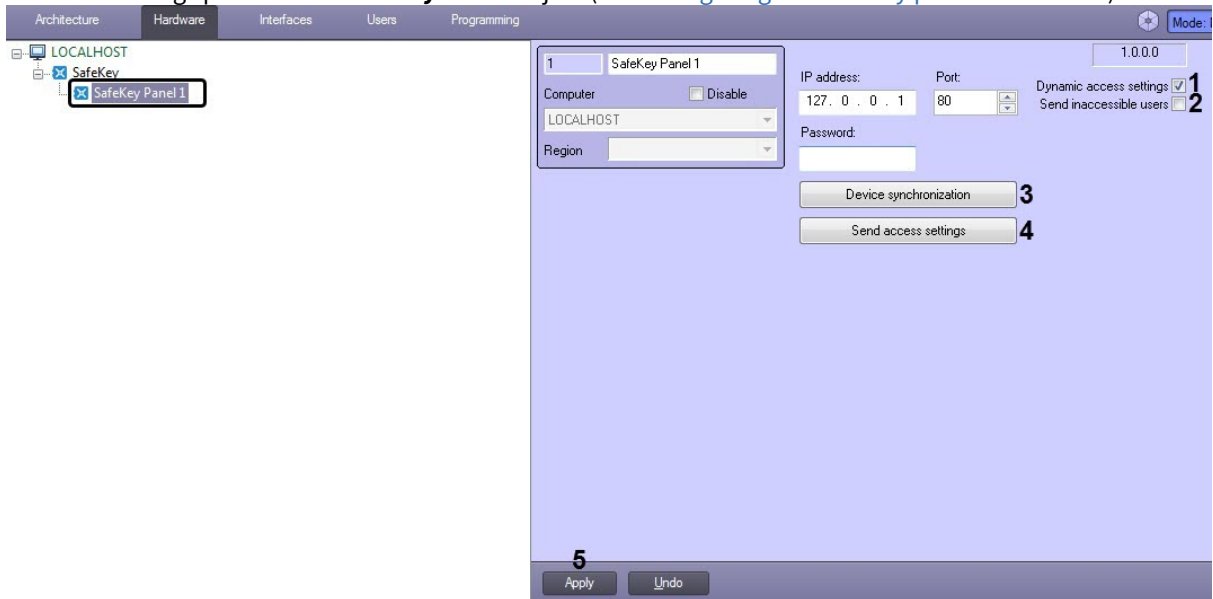
2. In the **IP address** field (1), enter the IP address of the *SafeKey* panel.
3. In the **Port** field (2), enter the connection port of the *SafeKey* panel.
4. In the **Password** field (3) enter the password to connect to the *SafeKey* panel.
5. Click the **Apply** button (4) to save the settings.

The *SafeKey* panel connection is now configured.

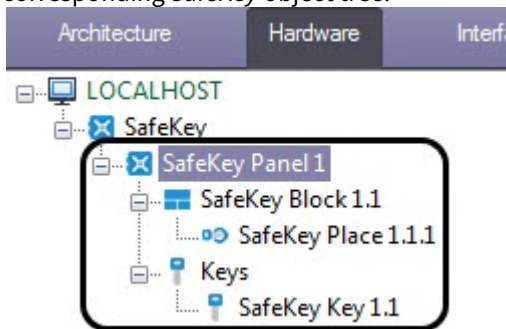
3.2 Managing the SafeKey panel configuration

The *SafeKey* panel configuration is managed as follows:

1. Go to the settings panel of the **SafeKey Panel** object (see [Configuring the SafeKey panel connection](#)).



2. Set the **Dynamic access settings** checkbox (1), if it is necessary to enable the automatic data transmission of the *Access manager* module.
3. Set the **Send inaccessible users** checkbox (2) if it is necessary to send all users, even if they have a denied access level or are blocked.
4. Click the **Device synchronization** button (3) to read the *SafeKey* panel configuration and build the corresponding *SafeKey* object tree.



On the panel of each *SafeKey* object, its identification number will be indicated in the **Id** field.

The SafeKey Block object	The SafeKey Place object	The SafeKey Key object

5. Click the **Send access settings** button (4) if it is necessary to send user access settings from the *Access manager* module to the *SafeKey* panel.
6. Click the **Apply** button (5) to save the settings.

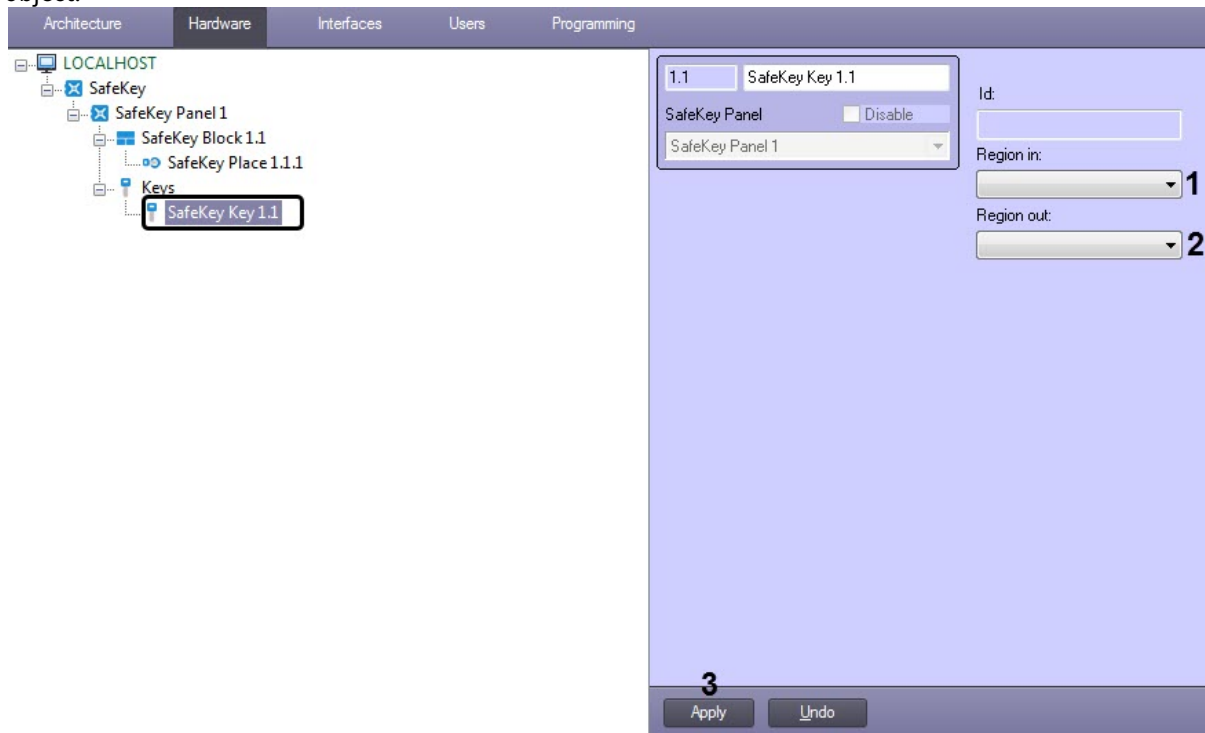
The *SafeKey* panel configuration management is complete.

3.3 Configuring the SafeKey Key partitions

To ensure the correct *SafeKey* key operation as an access point, it is necessary to configure the partitions for this key.

The *SafeKey* partitions are configured as follows:

1. Go to the settings panel of the **SafeKey Key** object, which is created on the basis of the **SafeKey Panel** object.



2. From the **Region in** drop-down list (1) select the Partition corresponding to the area, which is entered using this key.
3. From the **Region out** drop-down list (2), select the Partition corresponding to the area of the exit from the region that was entered using this key.

Note

The **Region in** and **Region out** parameters are required if the *Time and Attendance* module is used.

4. Click the **Apply** button (3) to save the settings.

The *SafeKey* Key partitions are now configured.

4 Working with the SafeKey integration module

4.1 General information about working with the SafeKey module

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

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

For detailed description of configuring these interface objects, please refer to the [Axxon PSIM Administrator's Guide](#).

For detailed description of using these interface objects, please refer to the [Axxon PSIM Operator's Guide](#).

4.2 Managing the SafeKey panel




The *SafeKey* panel is managed in the **Map** interactive window using the **SafeKey Panel** object functional menu:



The *SafeKey* panel control commands are described in the table:

Menu command	Function performed
Refresh	Updates the name of the panel if the name of the corresponding object has been changed

The **SafeKey Panel** object can have the following states:

	Connecting
	Disconnected
	Connected

4.3 Managing the SafeKey place






The *SafeKey* place is managed in the **Map** interactive window using the **SafeKey Place** object functional menu:



The *SafeKey* place control commands are described in the table:

Menu command	Function performed
Refresh	Updates the name of the place if the name of the corresponding object has been changed

The **SafeKey Place** object can have the following states:

	Off
	On
	Fix key
	Hold key
	Error

4.4 Managing the SafeKey key



The *SafeKey* key is managed in the **Map** interactive window using the **SafeKey Key** object functional menu:

SafeKey Key 1.1 [1.1]
Show last events
Refresh

The *SafeKey* key control commands are described in the table:

Menu command	Function performed
Refresh	Updates the name of the key if the name of the corresponding object has been changed

The **SafeKey Key** object can have the following states:

SafeKey Key 1.1 [1.1] 	Pick up
SafeKey Key 1.1 [1.1] 	Put back

SafeKey Key 1.1 [1.1] 	Unknown
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