



Guide for configuring and working with the Nedap AEOS integration module

ACFA PSIM 1.4

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

On the page:

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

1.1 Purpose of the document

The *Guide for configuring and working with the Nedap AEOS integration module* is a reference and information manual and is intended for configuration specialists and operators of the *Nedap AEOS* module.

This Guide presents the following materials:

1. General information about the *Nedap AEOS* integration module.
2. Configuration of the *Nedap AEOS* integration module.
3. Working with the *Nedap AEOS* integration module.

1.2 General information about the Nedap AEOS integration module

The *Nedap AEOS* integration module is an ACS component implemented on the basis of the *ACFA PSIM* software package. It is designed to ensure the interaction between the *Nedap AEOS ACS* and *ACFA PSIM* (monitoring, configuring (only users), control).

Note

Detailed information about the *Nedap AEOS ACS* is presented in the official documentation for this system (manufactured by Nedap N.V.).

2 Supported hardware and licensing of Nedap AEOS integration module

Manufacturer	Nedap N.V. Parallelweg 2 7141 DC Groenlo, The Netherlands Phone: +31 544 471 111 Email: info@nedap.com Website: https://nedap.com/
Integration type	SOFT-SOFT

Supported software

Equipment	Function	Features
Nedap AEOS software version 3.3.2	Nedap AEOS Access Control Software	See the manufacturer's website

Supported hardware

Hardware	Function
Nedap AEOS AP7803	Door controller
Nedap AEOS AP7003	Door interface
Nedap AEOS AP7031	I/O interface

Licensing

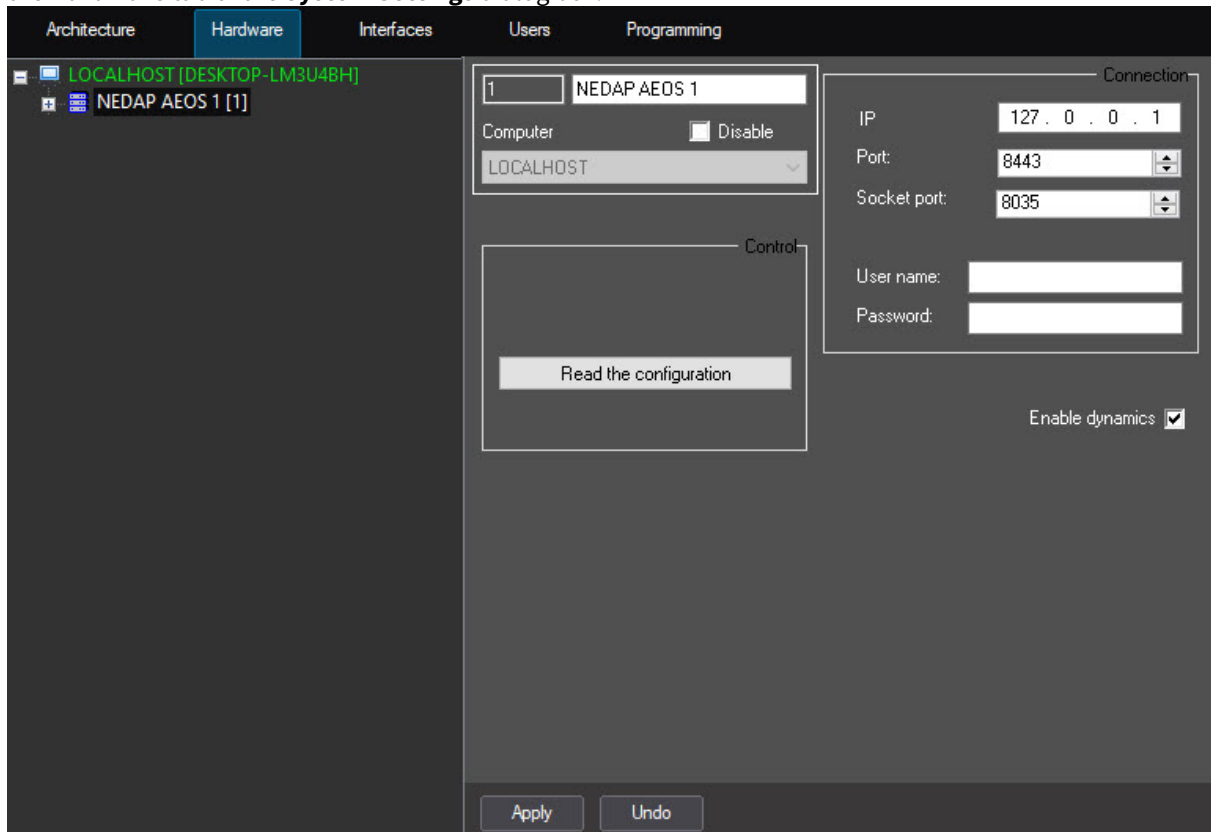
Per 1 door.

3 Configuration of Nedap AEOS integration module

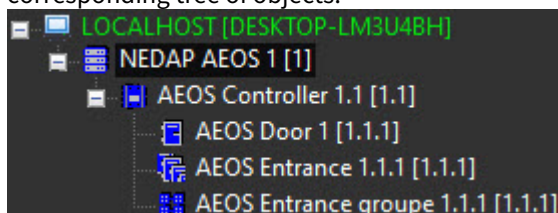
3.1 Configuring the Nedap AEOS ACS connection

The *Nedap AEOS* ACS connection is configured as follows:

1. Go to the settings panel of the **Nedap AEOS** 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** field, specify the IP address of the *Nedap AEOS* ACS server.
3. In the **Port** field, specify the port number of the *Nedap AEOS* ACS server.
4. In the **Socket port** field, specify the port number of the socket of the *Nedap AEOS* ACS server.
5. In the **User name** and **Password** fields, specify the login and password for connecting to the *Nedap AEOS* ACS.
6. Click the **Read the configuration** button to read the configuration of the *Nedap AEOS* ACS and build the corresponding tree of objects.



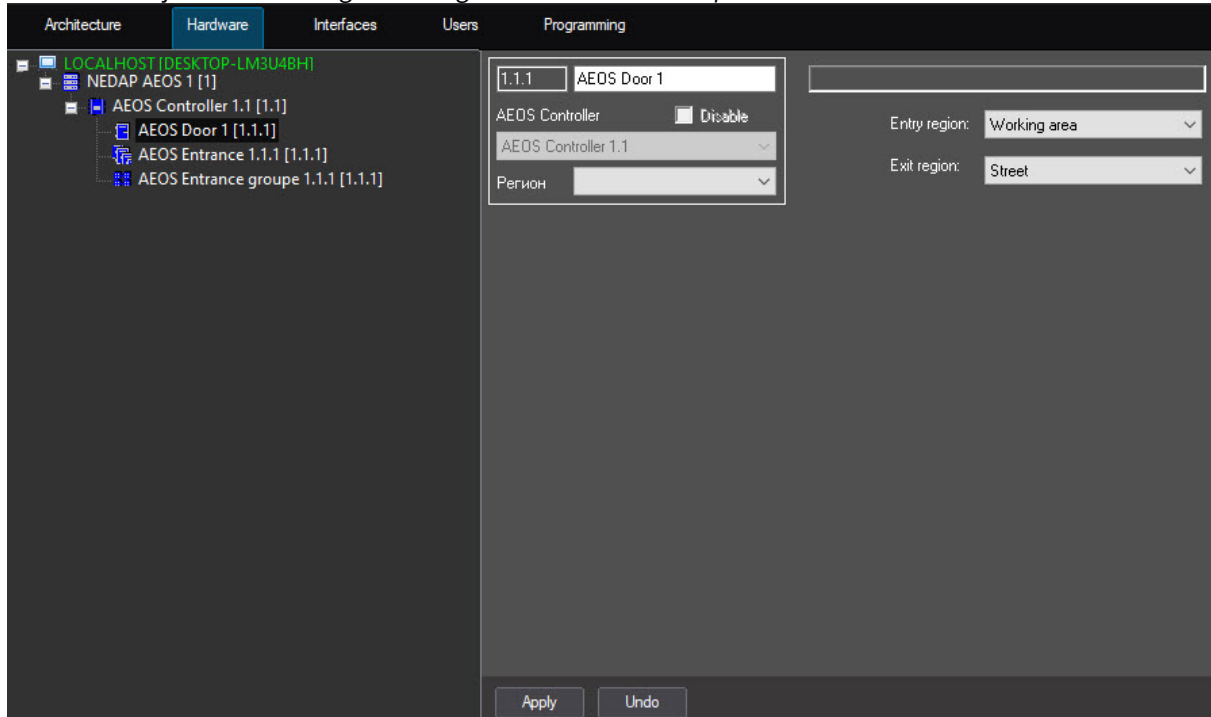
7. Set the **Enable dynamics** checkbox if it is necessary to enable dynamic user update.
8. Click the **Apply** button to save the changes.

The *Nedap AEOS* ACS connection is now configured.

3.2 Configuring the Nedap AEOS door

The *Nedap AEOS* door is configured as follows:

1. Go to the settings panel of the **AEOS Door** object, which is automatically created on the basis of the **AEOS Controller** object after reading the configuration from the *Nedap AEOS ACS*.



2. From the **Entry region** and **Exit region** drop-down lists, select the regions located on the entrance and exit sides of the door, respectively.
3. Click the **Apply** button to save the changes.

The *Nedap AEOS* door is now configured.

4 Working with Nedap AEOS integration module

4.1 General information about working with Nedap AEOS Module

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

1. **Map.**
2. **Event Log.**
3. **Access Manager.**



For a detailed description of configuring these interface objects, refer to the [Axxon PSIM Administrator's Guide and Guide for configuring and working with the Access Manager module](#).

For a detailed description of using these interface objects, refer to the [Axxon PSIM Operator's Guide and Guide for configuring and working with the Access Manager module](#).

4.2 Managing the Nedap AEOS parent object

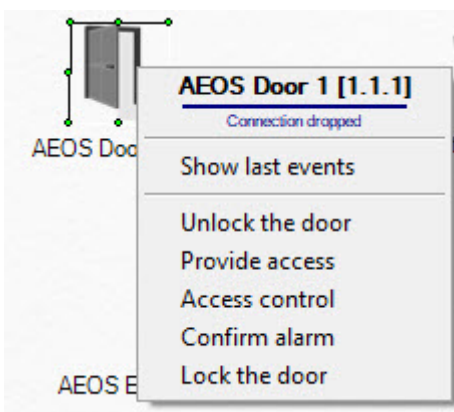
You cannot manage the *Nedap AEOS* parent object in the **Map** window.

The *Nedap AEOS* parent object can have the following states:

	Connection established
	Connection dropped

4.3 Managing the Nedap AEOS door







The *Nedap AEOS* door is managed in the **Map** window using the **AEOS Door** object menu:



The *Nedap AEOS* object menu commands description is given in the table.

Menu command	Function performed
Unlock the door	Door is unlocked
Provide access	Access is provided
Access control	Ability to exit during the door unlock time is provided
Confirm alarm	Alarm is confirmed
Lock the door	Door is locked



The *Nedap AEOS* door object can have the following states:

	Alarm
	Connection dropped
	The door is locked
	Normal
	Active unlock output during unlock time
	The door is unlocked

4.4 Managing the Nedap AEOS controller

The *Nedap AEOS* controller (the **AEOS Controller** object) is not managed in the **Map** window.



The *Nedap AEOS* controller can have the following states:

	<p>Connection established</p>
	<p>Connection dropped</p>

4.5 Managing the Nedap AEOS entrance

The *Nedap AEOS* entrance (the **AEOS Entrance** object) is not managed in the **Map** window.



The *Nedap AEOS* entrance can have the following states:

	<p>Connection established</p>
	<p>Connection dropped</p>

4.6 Managing the Nedap AEOS entrance group

The *Nedap AEOS* entrance group (the **AEOS Entrance Groupe** object) is not managed in the **Map** window.

The *Nedap AEOS* entrance group can have the following states:

	<p>Connection established</p>
	<p>Connection dropped</p>