



Guide for configuring and working with the MQTT broker integration module

ACFA PSIM 1.1

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

On the page:

- Purpose of the document
- General information about the MQTT broker integration module

1.1 Purpose of the document

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

The Guide has the following information:

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

1.2 General information about the MQTT broker integration module

The *MQTT broker* integration module is part of *ACFA PSIM* and serves as an optional feature for *ACFA* integrations that use the MQTT protocol. Its presence eliminates the need to install third-party MQTT Broker applications, which simplifies the integration process and improves usability. This module doesn't send events to any interfaces and has no control commands.

2 Supported hardware and licensing of the MQTT broker module

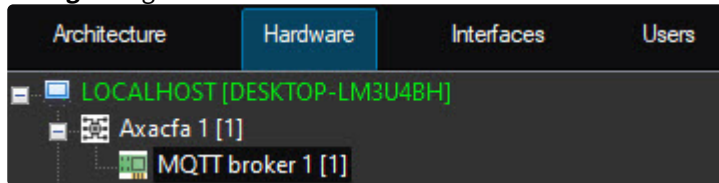
Module licensing

Module isn't licensed.

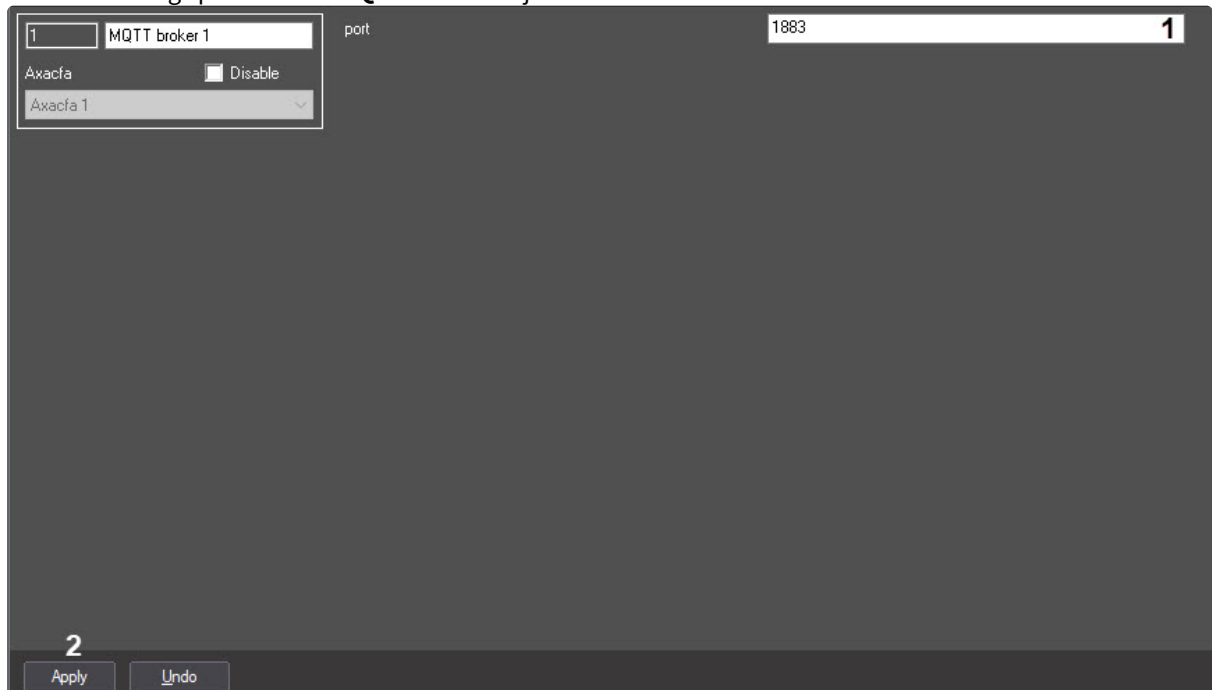
3 Configuring the MQTT broker module

To configure the *MQTT broker* module, do the following:

1. Create the **MQTT broker** object on the basis of the **Axacfa** object on the **Hardware** tab of the **System setting** dialog window.



2. Go to the settings panel of the **MQTT broker** object.



3. On the settings panel, enter the port number on which the *MQTT broker* will operate (1). By default, port 1883 is selected.
4. To save the settings, click the **Apply** button (2).

4 Working with the MQTT broker integration module

4.1 General information about working with the MQTT broker integration module

The following interface objects are used to work with the *MQTT broker* integration module:

1. **Map.**
2. **Event Viewer.**



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*.

4.2 Managing the MQTT broker object

You cannot manage the *MQTT broker* object in the **Map** interactive window.

The following states of the *MQTT broker* object are possible:

	start
	stop