



Guide for configuring and working with the Honeywell integration module

ACFA PSIM 1.1

Last update 13/12/2024

Table of Contents

1 Introduction into the Guide for configuring and working with the Honeywell integration module	3
1.1 Purpose of the document.....	3
1.2 General information about the Honeywell integration module.....	3
2 Supported hardware and licensing of the Honeywell integration module	4
3 Configuring the Honeywell integration module.....	5
3.1 Configuring the parent object of the Honeywell integration module.....	5
3.2 Configuring the controller of the Honeywell integration module.....	6
4 Working with the Honeywell integration module	8
4.1 General information on working with the Honeywell integration module.....	8
4.2 Managing the parent object of the Honeywell integration module	8
4.3 Managing the controller of the Honeywell integration module	8
4.4 Managing the partition of the Honeywell integration module	10
4.5 Managing the zone of the Honeywell integration module.....	11
4.6 Example of a configured macro when working with the Honeywell integration module.....	12

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

On the page:

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

1.1 Purpose of the document

The Guide for configuring and working with the Honeywell integration module is a reference and information manual and is intended for configuration specialists and operators of the *Honeywell* integration module. This module operates as a part of the fire and security alarm subsystem implemented on the basis of *ACFA PSIM*.

The Guide has the following information:

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

1.2 General information about the Honeywell integration module

The *Honeywell* integration module is a component of the fire and security alarm system implemented on the basis of *ACFA PSIM* and is designed to perform the following functions:

1. Configuration of the *Honeywell* fire alarm system (manufacturer: Honeywell Systems Group).
2. Enabling interaction between the *Honeywell* fire alarm system and *ACFA PSIM* (monitoring, control).

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

1. Install the required hardware at the protected facility.
2. Install the *Honeywell* system software on the computer connected to the hardware of the *Honeywell* system and with network access to the Server.
3. Configure the *Honeywell* system in the manufacturer's software.

2 Supported hardware and licensing of the Honeywell integration module

Manufacturer	Honeywell Systems Group Video and Access Control Solutions Aston Fields Road Whitehouse Industrial Estate Runcorn Cheshire WA7 3DL United Kingdom Tel: +44 (0)8448 000 235 Fax: + 44 (0)01928 754050 Email: sales.video.uk@honeywell.com www.security.honeywell.com
Integration type	SOFT-SOFT

Supported hardware

Hardware	Function
Honeywell IPM VISTA SUPER II	IP module for network alarm control

Module licensing

Per 1 zone.

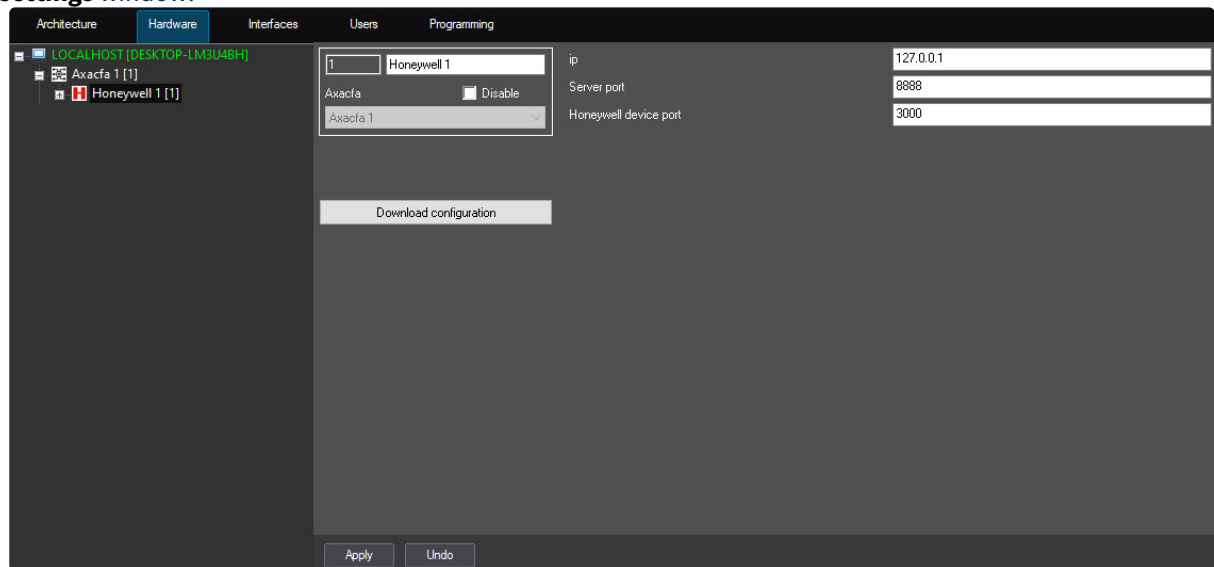
3 Configuring the Honeywell integration module

3.1 Configuring the parent object of the Honeywell integration module

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

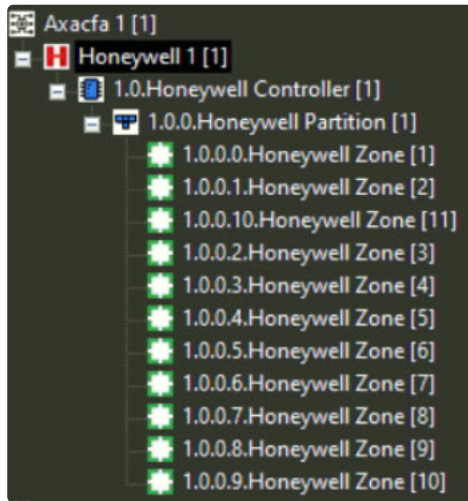
To configure the parent object of the *Honeywell* integration module, do the following:

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

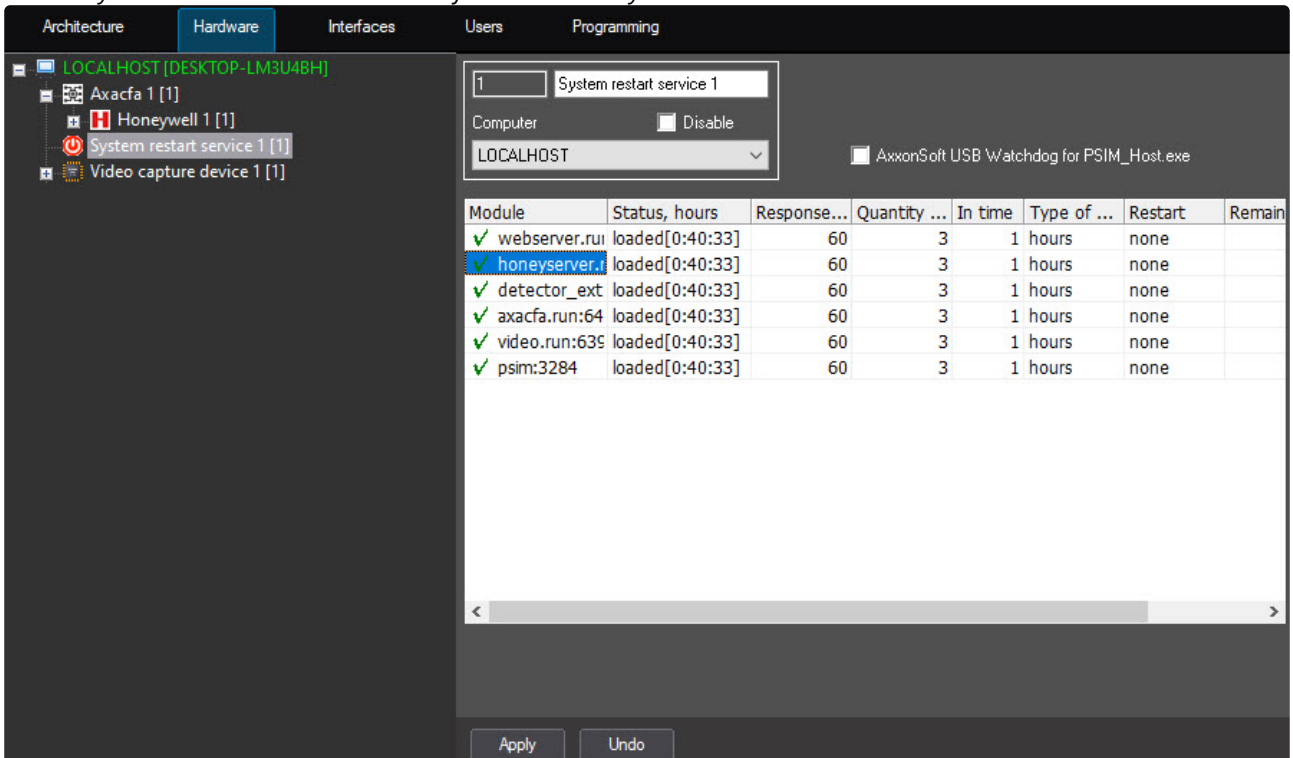


2. In the **ip** field, specify the IP address of the *Honeywell* Server. The default value is 127.0.0.1.
3. In the **Server port** field, specify the port number for connecting to the *Honeywell* Server. The default value is 8888.
4. In the **Honeywell device port** field, specify the port number for connecting to the *Honeywell* device. The default value is 3000.
5. To apply the connection settings, click the **Apply** button.
6. Restart *Axon PSIM* if the *Honeywell* Server is running locally. If the *Honeywell* Server is running remotely, then go to the next step.
- 7.

To download the configuration, click the **Download configuration** button. As a result, a tree of objects will be built:



The *Honeywell* server is also automatically added to the *System restart service*.

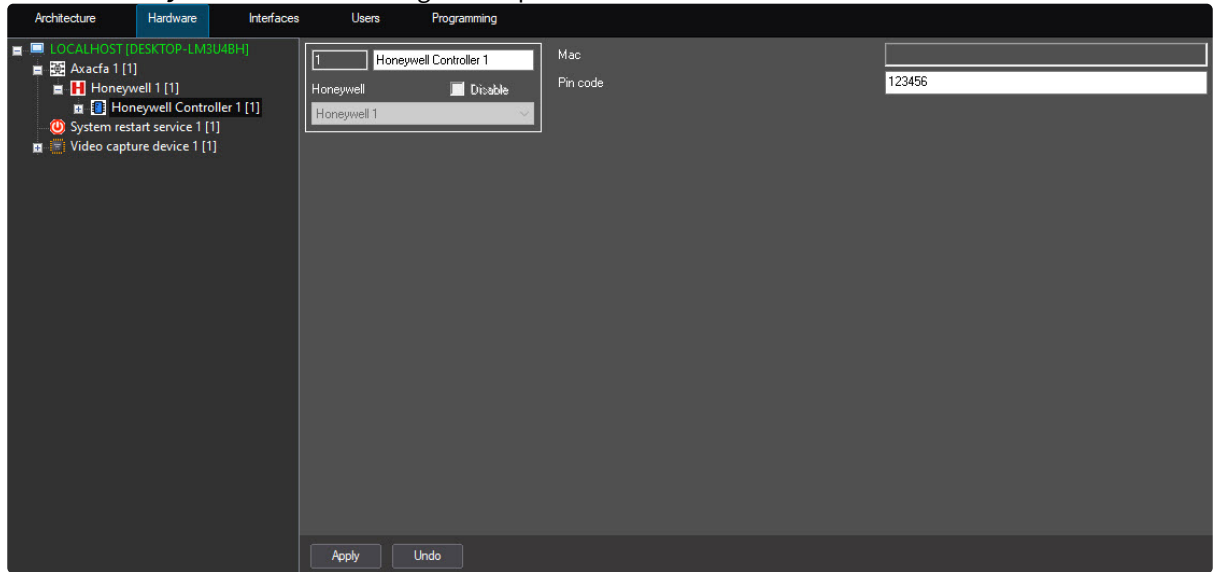


Configuration of the parent object of the *Honeywell* integration module is complete.

3.2 Configuring the controller of the Honeywell integration module

The **Honeywell Controller** object is created based on the **Honeywell** parent object. Configure it as follows:

1. Go to the **Honeywell Controller** configuration panel.



2. In the **Pin code** field, specify the PIN code of the *Honeywell* controller.
3. To save the settings, click the **Apply** button.

Configuration of the *Honeywell* controller is complete.

4 Working with the Honeywell integration module

4.1 General information on working with the Honeywell integration module

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

1. **Map.**
2. **Event viewer.**



For the information on configuring these interface objects, see *Axxon PSIM Administrator's Guide*.

For the information on using these interface objects, see *Axxon PSIM Operator's Guide*.

4.2 Managing the parent object of the Honeywell integration module

You cannot manage the parent object of the *Honeywell* integration module in the **Map** window.


The parent object of the *Honeywell* integration module can have the following states:















	Connected
	Disconnected











4.3 Managing the controller of the Honeywell integration module

You cannot manage the controller of the *Honeywell* integration module in the **Map** window.

The *Honeywell* controller can have the following states:

	Default state
	Connected
	Disconnected
	Vista trouble
	Vista ready

	Vista fire
	Vista low battery
	Vista arm stay
	Vista alarm
	Vista arm away
	Vista AC power
	Vista bypass
	Vista chime
	Vista program bit
	Vista arm instant
	System is online
	System is in programming mode
	System is downloading
	System is offline

	AC power is on
	AC power is lost
	Battery is normal
	Battery is low
	Communication is normal
	Maximum temp
	Line 1 is cut
	Line 2 is cut
	LRR monitoring
	Pager failed

4.4 Managing the partition of the Honeywell integration module










You can manage the partition of the *Honeywell* integration module in the **Map** window using the menu of the **Honeywell Partition** object.

Commands to manage the partition of the *Honeywell* integration module are described in the table:

Menu command	Function
Away	Arm system when leaving the premises
Stay	Arm system while staying inside

Menu command	Function
Instant	Arm system with instant alarm
Maximum	Arm system with maximum security
Disarm	Disarm the system

The partition of the *Honeywell* integration module can have the following states:

	Default state
	Disarming
	Going Out
	Staying Behind
	Immediate Arming
	Maximum Arming
	Offline
	Disarm Not Ready
	Doorbell Not Ready










4.5 Managing the zone of the Honeywell integration module

You can manage the zone of the *Honeywell* integration module in the **Map** window using the menu of the **Honeywell Zone** object.

Commands to manage the zone of the *Honeywell* integration module are described in the table:

Menu command	Function
Disable bypass	Disable alarm ignoring mode (bypass mode)
Zones bypass	Alarm ignore zones

The zone of the *Honeywell* integration module can have the following states:

	Default state
	Disarming
	Going Out
	Staying Behind
	Immediate Arming
	Maximum Arming
	Offline
	Disarm Not Ready
	Doorbell Not Ready

4.6 Example of a configured macro when working with the Honeywell integration module

- ✓ [Creating and using macros](#)
- [Examples of macros](#)

When working with the *Honeywell* integration module, you can configure a macro that will trigger when an event is received from a *Honeywell* device.

Example of a configured macro:

2 Macro 2 Response sending delay (s):

Disable Fast call: None Icon type: Macro 2

Settings

State: Standard Local Hidden

Events				Parameters	
Type	Number	Name	Event	Name	Value
Honeywell Zone	1	Honeywell Zone 1	Error		

Actions				Parameters	
Type	Number	Name	Action	Name	Value
Honeywell Zone	1	Honeywell Zone 1	Disable bypass		

Apply Undo