



Guide for configuring and working with the Honeywell integration module

ACFA PSIM 1.9

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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 install the required hardware at the protected facility.

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 each zone (**ACFASensor**).

3 Configuring the Honeywell integration module

3.1 Configuring the parent object of the Honeywell integration module

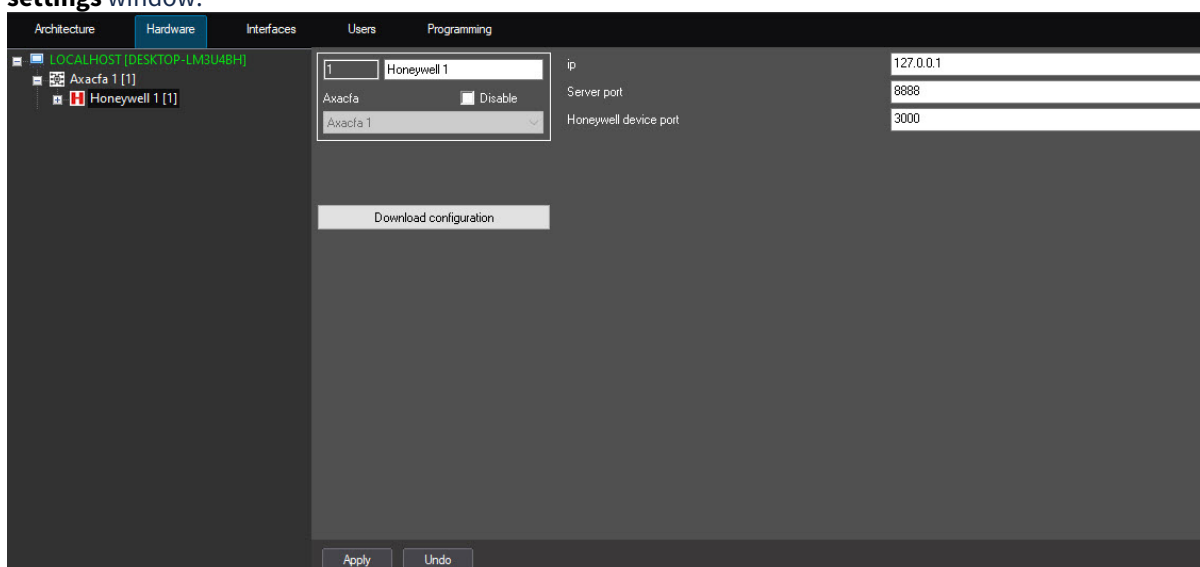
Attention!

You must register the COM components on the computer, where the *Honeywell* server is running. To register the COM components, run the **regsvr32 IPModule.dll** command with administrator rights and reboot the computer (for details, see the manufacturer's documentation).

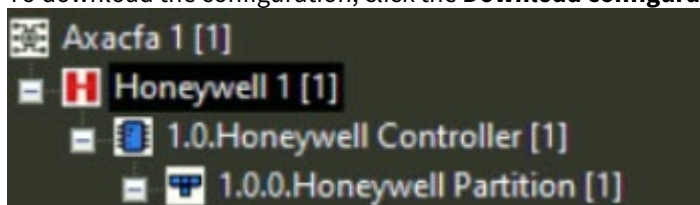
To work with the *Honeywell* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

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, an object tree is built:



Note

The created object tree doesn't contain *Honeywell* zones. You can add them separately on the settings panel of the **Honeywell Partition** object (see [Configuring the partition of the Honeywell integration module](#)).

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

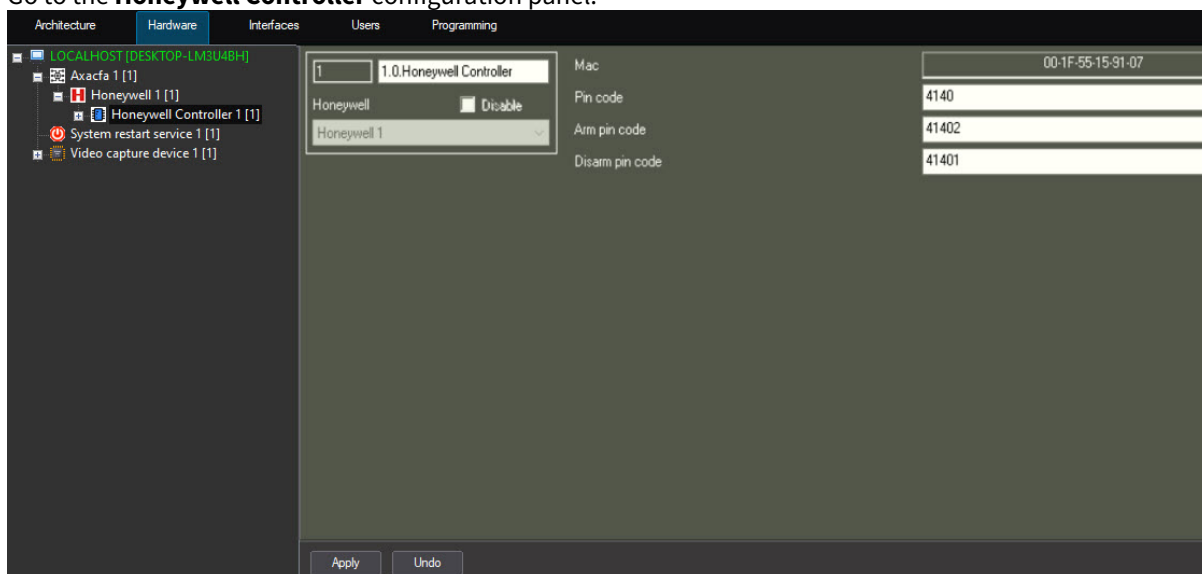
Module	Status, hours	Response...	Quantity ...	In time	Type of ...	Restart	Remain
✓ webserver.ru	loaded[0:40:33]	60	3	1 hours	none		
✓ honeyserver.	loaded[0:40:33]	60	3	1 hours	none		
✓ detector_ext	loaded[0:40:33]	60	3	1 hours	none		
✓ axacfa.run:64	loaded[0:40:33]	60	3	1 hours	none		
✓ video.run:639	loaded[0:40:33]	60	3	1 hours	none		
✓ psim:3284	loaded[0:40:33]	60	3	1 hours	none		

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.



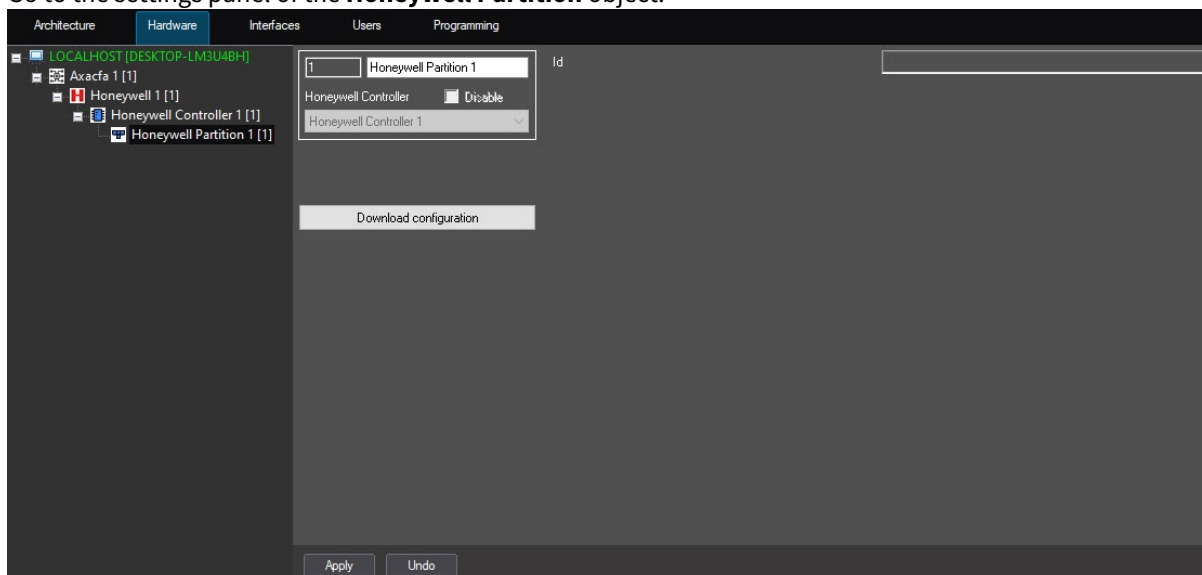
2. In the **Pin code** field, specify the PIN code of the *Honeywell* controller.
3. In the **Arm pin code** field, specify the PIN code for arming the controller, which is set on the device itself.
4. In the **Disarm pin code** field, specify the PIN code for disarming the controller, which is set on the device itself.
5. To save the settings, click the **Apply** button.

Configuration of the *Honeywell* controller is complete.

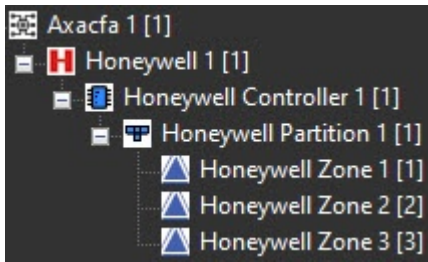
3.3 Configuring the partition of the Honeywell integration module

You can add *Honeywell* zones to the object tree on the settings panel of the **Honeywell Partition** object that is created on the basis of the **Honeywell Controller** object:

1. Go to the settings panel of the **Honeywell Partition** object.



2. Click the **Download configuration** button.
As a result, *Honeywell* zones are added to the existing object tree:



3. Click the **Apply** button to save the changes.

Honeywell zones are added to the object tree.

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
Alarm reset	Alarm reset

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:

The screenshot shows the configuration window for 'Macro 2'. At the top, there is a 'Macro 2' title bar with a '2' in a box and a 'Disable' checkbox. Below this, there are fields for 'Fast call' (set to 'None') and 'Icon type' (set to 'Macro 2'). A 'Response sending delay (s):' field is also present. The main configuration area is divided into 'Settings', 'Events', and 'Actions' sections.

Settings:

- State: Standard (dropdown)
- Local:
- Hidden:

Events:

Type	Number	Name	Event
Honeywell Zone	1	Honeywell Zone 1	Error

Parameters:

Name	Value
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Actions:

Type	Number	Name	Action
Honeywell Zone	1	Honeywell Zone 1	Disable bypass

Parameters:

Name	Value
------	-------

At the bottom of the window, there are 'Apply' and 'Undo' buttons.