



**Guide for configuring and working with the Peridect+
integration module**

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

On the page:

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

1.1 Purpose of the document

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

The Guide contains the following information:

1. General information about the **Peridect+** integration module.
2. Adding the **Peridect+** integration module into configuration.
3. Configuring the **Peridect+** integration module.
4. Working with the **Peridect+** integration module.

1.2 General information about the Peridect+ integration module

The **Peridect+** integration module is a part of *ACFA* and is used to connect the **Peridect+** intrusion detection system to *Axxon One*.



Attention!

You cannot configure the **Peridect+** hardware via *Axxon One*. You can configure it using the native software.



Note

For more information about the **Peridect+** Perimeter Intrusion Detection System, please refer to the official documentation for this system (manufacturer: SIEZA).

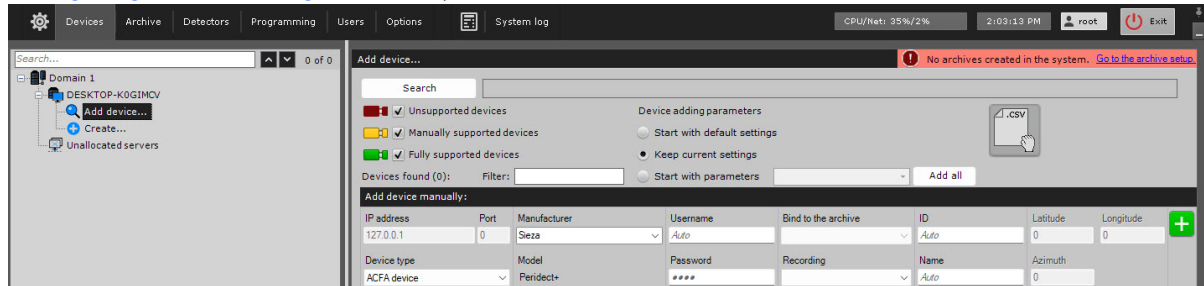
2 Supported software and licensing of the Peridect+ integration module

Name of the integration module	Peridect+										
Integrated software, hardware	<table> <tr> <th>Hardware</th><th>Function</th></tr> <tr> <td>PERIDECT-CUP+</td><td>Control Unit PERIDECT+</td></tr> <tr> <td>PERIDECT-LCP+</td><td>Line Controller PERIDECT+</td></tr> <tr> <td>PERIDECT-DSP+</td><td>Detection Sensor PERIDECT+</td></tr> <tr> <td>PERIDECT-LIP+</td><td>Line Input PERIDECT+</td></tr> </table>	Hardware	Function	PERIDECT-CUP+	Control Unit PERIDECT+	PERIDECT-LCP+	Line Controller PERIDECT+	PERIDECT-DSP+	Detection Sensor PERIDECT+	PERIDECT-LIP+	Line Input PERIDECT+
Hardware	Function										
PERIDECT-CUP+	Control Unit PERIDECT+										
PERIDECT-LCP+	Line Controller PERIDECT+										
PERIDECT-DSP+	Detection Sensor PERIDECT+										
PERIDECT-LIP+	Line Input PERIDECT+										
Functionality	Monitoring, Control										
Licensing	Per each detector (ACFAFence)										
Information on manufacturer	SIEZA Address: Buštěhradská 109, Dubí, 272 03 Kladno, Czech Republic Website: https://www.sieza.com/en/company/ Email: sieza@sieza.com										
Type of integration	SOFT-SOFT										
Hardware connection interface	Ethernet										
ACFA version	3.0										

3 Adding the Peridect+ integration module

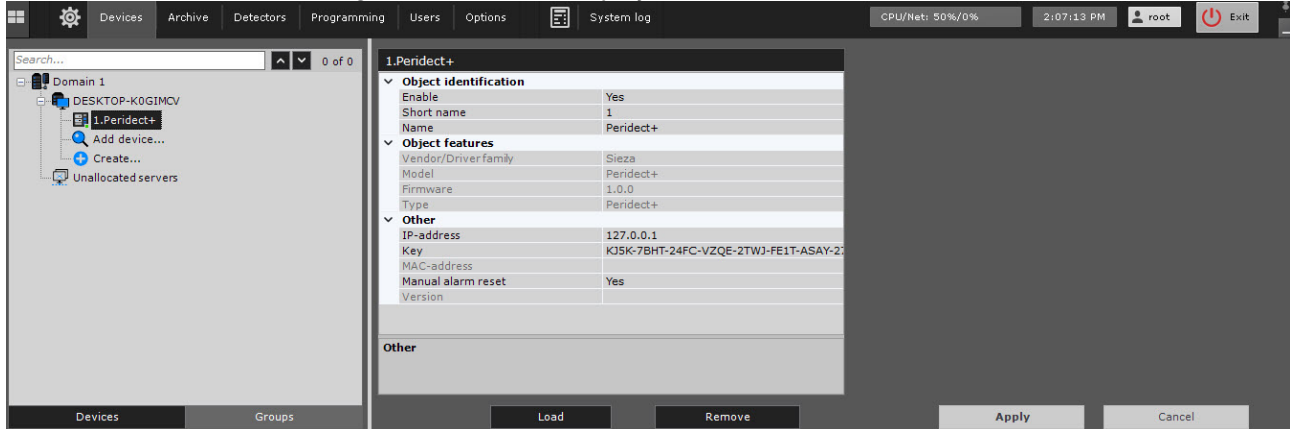
To add the **Peridect+** integration module to the system, do the following:

1. Add the device to the system manually using the IP Device Discovery Wizard (see [Searching, adding, configuring, and removing IP devices](#)).



2. From the **Device type** drop-down list, select the **ACFA device**.
3. From the **Manufacturer** drop-down list, select **Sieza**. In the **Model** field, the **Peridect+** model is selected by default.
4. Click the  button.

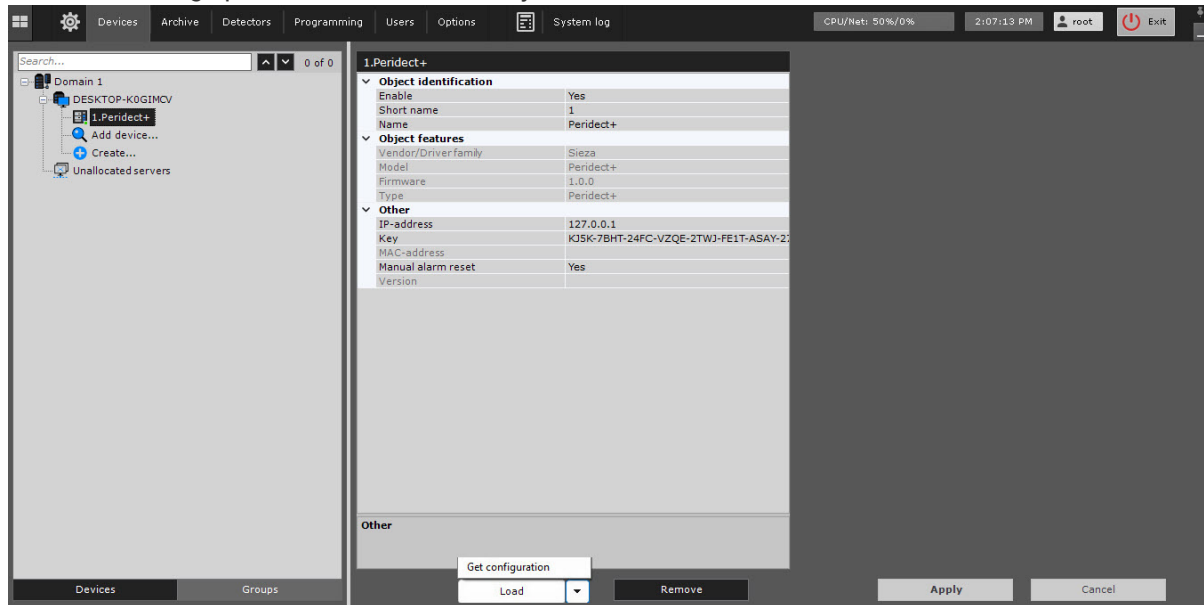
As a result, the **Peridect+** integration module is displayed in the device tree.



4 Configuring the object of the Peridect+ integration module

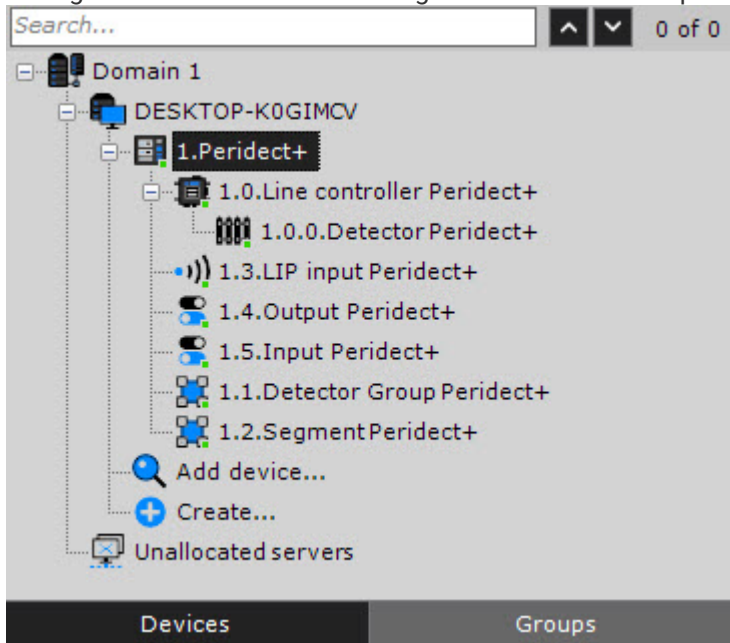
To configure the object of the **Peridect+** integration module, do the following:

1. Go to the settings panel of the **Peridect+** object.



2. In the **IP-address** field, enter the IP address of the **Peridect+** Intrusion Detection System.
3. In the **Key** field, enter the unique access key to connect to the **Peridect+** device. You can view the device in the settings of the web interface **Online Peridect+ configurator** (see the manufacturer's official documentation).
4. By default, the **Yes** value is selected in the **Manual alarm reset** drop-down list, so the alarm at the object stays active until manually cleared. To clear the alarm automatically after the time interval specified in the manufacturer's software configuration, select the **No** value from the drop-down list.
5. Click the **Apply** button to save the settings.
6. Click the  button and select **Get configuration** from the drop-down list to automatically download the configuration and build the device tree.
7. Click the **Apply** button.

Configuration of the **Peridect+** integration module is complete. As a result, a device tree is built:



5 Working with the Peridect+ integration module

5.1 General information about working with the Peridect+ integration module

The **Map**, **Equipment Board**, and **Macro** interface objects are used to work with the **Peridect+** integration module.

For the information on configuring these interface objects, see [Configuring the interactive map](#), [Configuring an Equipment Board](#), and [Programming](#).

For the information on working with these interface objects, see [Working with the interactive map](#), [Working with Equipment Board](#), and [Macros control](#).

5.2 Configuring macros when working with the Peridect+ integration module



[Programming](#)

[Macros control](#)

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

When configuring a macro, you must select a specific object of the **Peridect+** integration module.

Example of a configured macro:

Name: Working mode:

☒ Add to menu

Start conditions

ACFA: Events: Peridect+

Start conditions:

Domain 1: Devices: DESKTOP-K0GIMCV: 1.Peridect+

Event:

Add event filter

Execute action

Domain 1: DESKTOP-K0GIMCV: 1.Peridect+: 1.0.Line controller Peridect+: 1.0.0.Detector Peridect+

Component:

Action:

5.3 Managing the object of the Peridect+ integration module

You can manage the object of the **Peridect+** integration module in the **Map** and **Equipment Board** interface objects using the function menu of the **Peridect+** object. To open the menu of the **Peridect+** object, right-click the required object. Command to manage the object of the **Peridect+** integration module:

Menu command	Function
Switch to Active – Master	Control all outputs. External control isn't possible in this mode
Switch to Active – Slave	Control all system components according to the specified settings. All components can only be controlled using external commands
Switch to Active – Combined/ Master	Control all system components according to the specified settings, control all outputs, and control all components with external commands
Switch to Active – Combined/ Slave	Control all system components according to the specified settings and control all outputs. When an external command is received, the parent object of the <i>Peridect+</i> integration module switches to the Switch to Active – Slave mode. If after a certain time the reception of external commands stops, the parent object of the <i>Peridect+</i> integration module switches to the Switch to Active – Master mode. This mode allows the system to remain operational when the software is turned off

Menu command	Function
Reboot	Reboot the Peridect+ device
Synchronize time	Write the current server time to all Peridect+ controllers

The following states of the object of the **Peridect+** integration module are possible:

	Connection established
	Connection lost
	Unknown
	Undefined mode
	Active – Master
	Active – Slave
	Active – Combined/Master
	Active – Combined/Slave
	Service – Configuration
	Service – Storing data from LCP1

	Service – Storing data from LCP2
	Service – Logging input values and detectors
	Service – Logical links testing
	Invalid license

5.4 Managing the line controller of the Peridect+ integration module

You cannot manage the line controller of the **Peridect+** integration module in the **Map**, **Equipment Board**, and **Macro** interface objects.

The **Peridect+** line controller can have the following states:

	Powerup
	Bus inactive
	Active
	Connection lost
	Error
	Master
	Slave

	Detector line break
	Unknown

5.5 Managing the detector of the Peridect+ integration module

You can manage the detector of the **Peridect+** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Detector Peridect+** object. To open the **Detector Peridect+** object menu, right-click the required object. Commands to manage the detector of the **Peridect+** integration module are described in the table:

Menu command	Function
Arm	Arm a detector
Reset alarms	Handle alarms
Disarm	Disarm a detector

The following states of the **Detector Peridect+** object of the **Peridect+** integration module are possible:

	Active
	Normalized
	Pre-alarm
	Alarm (primary)
	Alarm (comparable)

	Unknown
	Detection bus error
	Armed
	Disarmed

5.6 Managing the detector group of the Peridect+ integration module

You can manage the detector group of the **Peridect+** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Detector Group Peridect+** object. To open the **Detector Group Peridect+** object menu, right-click the required object. Commands to manage the detector group of the **Peridect+** integration module are described in the table:

Menu command	Function
Arm	Arm a detector group
Reset alarms	Handle alarms
Disarm	Disarm a detector group

The following states of the **Detector Group Peridect+** object of the **Peridect+** integration module are possible:

	Normalized
	Pre-alarm

	Alarm (primary)
	Alarm (comparable)
	Unknown
	Armed
	Disarmed

5.7 Managing the segment of the Peridect+ integration module

You can manage the segment of the **Peridect+** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Segment Peridect+** object. To open the **Segment Peridect+** object menu, right-click the required object. Commands to manage the segment of the **Peridect+** integration module are described in the table:

Menu command	Function
Arm	Arm a segment
Reset alarms	Handle alarms
Disarm	Disarm a segment

The following states of the **Segment Peridect+** object of the **Peridect+** integration module are possible:

	Normalized
	Pre-alarm

	Alarm (primary)
	Alarm (comparable)
	Unknown
	Armed
	Disarmed

5.8 Managing the LIP input of the Peridect+ integration module

You cannot manage the LIP input of the **Peridect+** integration module in the **Map**, **Equipment Board**, and **Macro** interface objects.

The **Peridect+** LIP input can have the following states:

	Normalized
	Unknown
	Sabotage
	Alarm
	Connection lost
	Armed

	Disarmed
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5.9 Managing the output of the Peridect+ integration module

You can manage the output of the **Peridect+** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Output Peridect+** object. To open the **Output Peridect+** object menu, right-click the required object. Commands to manage the output of the **Peridect+** integration module are described in the table:

Menu command	Function
Set	Set an output
Clear	Clear an output

The following states of the **Output Peridect+** object of the **Peridect+** integration module are possible:

	Unknown
	On
	Off

5.10 Managing the input of the Peridect+ integration module

You can manage the input of the **Peridect+** integration module in the **Map** and **Equipment Board** interface objects using the menu of the **Input Peridect+** object. To open the **Input Peridect+** object menu, right-click the required object. Commands to manage the input of the **Peridect+** integration module are described in the table:

Menu command	Function
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Arm	Arm an input
Disarm	Disarm an input
Reset alarms	Handle alarms

The following states of the **Input Peridect+** object of the **Peridect+** integration module are possible:

	Normalized
	Unknown
	Sabotage
	Alarm
	Armed
	Disarmed