



# Guide for configuring and working with the CORTEX WinSC integration module

ACFA PSIM 1.5

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# 1 Introduction into the Guide for configuring and working with the CORTEX WinSC integration module

## On the page:

- [Purpose of the document](#)
- [General information about the CORTEX WinSC integration module](#)

## 1.1 Purpose of the document

The *Guide for configuring and working with the CORTEX WinSC integration module* is a reference and information manual and is intended for configuration specialists of the *CORTEX WinSC* integration module. This module is a part of the fire and security alarm (FSA) subsystem implemented on the basis of *ACFA PSIM*.

The Guide has the following information:

1. General information about the *CORTEX WinSC* integration module.
2. Configuring the *CORTEX WinSC* integration module.
3. Working with the *CORTEX WinSC* integration module.

## 1.2 General information about the CORTEX WinSC integration module

The *CORTEX WinSC* integration module is a part of the FSA implemented on the basis of *ACFA PSIM* and is used to perform the following functions:

1. Configuration of the *CORTEX WinSC* controller (manufactured by the *KORTEKS* company).
2. Providing interaction of the *CORTEX WinSC* controller with *ACFA PSIM* (monitoring, control).

### Note

For detailed information about the *CORTEX WinSC* FSA, refer to the official reference documentation for this system.

Before configuring the *CORTEX WinSC* integration module, do the following:

1. Install the *CORTEX WinSC* hardware on the protected facility (see the official *CORTEX* reference documentation).
2. Connect the *CORTEX WinSC* controller to the *Axxon PSIM* server (see the official *CORTEX* reference documentation).

## 2 Supported software and licensing of the CORTEX WinSC module

|                            |   |
|----------------------------|---|
| <b>Manufacturer</b>        | <p>KORTEKS, SIA</p> <p>Address: Liksnas street 7, Riga, LV-1003, Latvia</p> <p>Phone: +371 67 505 603</p> <p>Fax: +371 67 505 604</p> <p>Email: <a href="mailto:support@cortex.lv">support@cortex.lv</a></p> <p>Website: <a href="http://cortex.eu">cortex.eu</a></p> |
| <b>Type of integration</b> | SOFT-SOFT   |

### Supported software

| Software                                    | Function   |
|---|--|
| CORTEX Security Commander for Windows v5.xx | Monitoring of fire and security alarm system in Windows OS |

### Module licensing

Per each zone (**ACFASensor**).

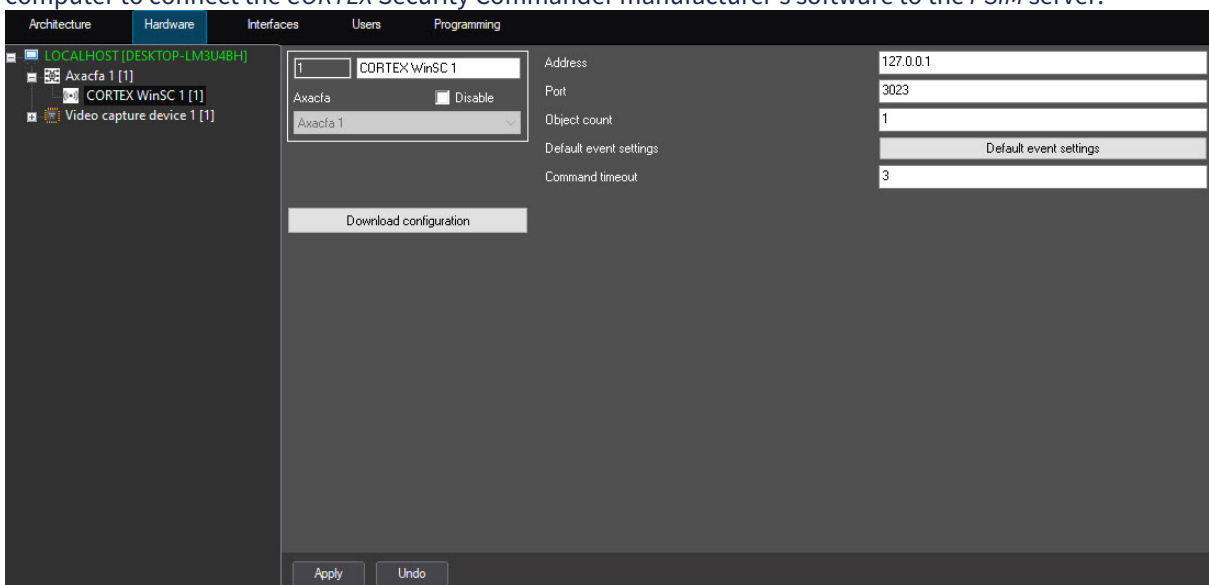
## 3 Configuring the CORTEX WinSC integration module

### 3.1 Configuring the parent object of the CORTEX WinSC integration module

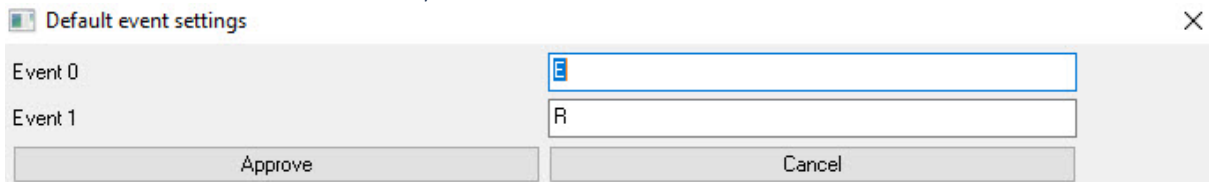
To work with the *CORTEX WinSC* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

To configure the *CORTEX WinSC* parent object, do the following:

1. Create the **CORTEX WinSC** parent object on the basis of the **Axacfa** object on the **Hardware** tab of the **System settings** window.
2. On the settings panel of the **CORTEX WinSC** object in the **Address** field, specify the IP address of the computer to connect the *CORTEX Security Commander* manufacturer's software to the *PSIM* server.

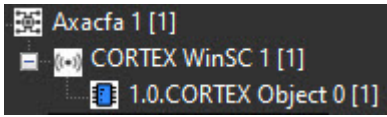


3. In the **Port** field, specify the number of the port to connect the *CORTEX Security Commander* manufacturer's software to the *PSIM* server.
4. In the **Object count** field, specify the number of the objects created in the system when downloading the configuration. The default value is **1**.
5. Click the **Default event settings** button to change default events (events are used from the *CORTEX Security Commander* manufacturer's software).



6. In the **Command timeout** field, specify in seconds the period during which the *CORTEX* controller waits for commands.
7. Click the **Apply** button to save the changes.

- Click the **Download configuration** button to download the configuration and automatically build the hardware tree:

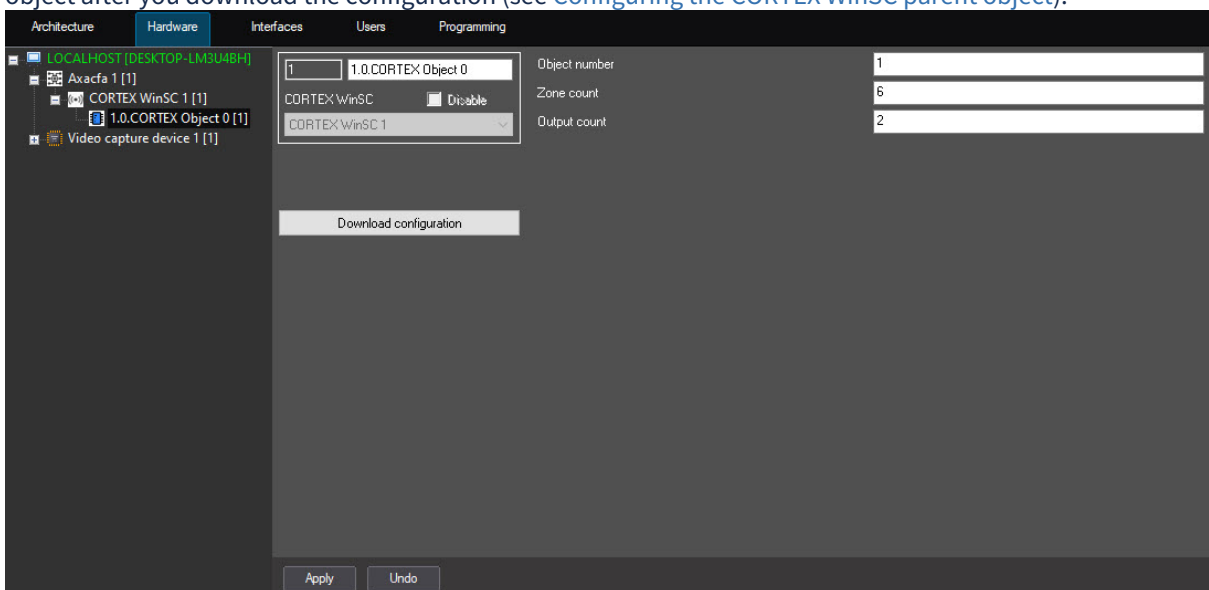


Configuration of the *CORTEX WinSC* parent object is complete.

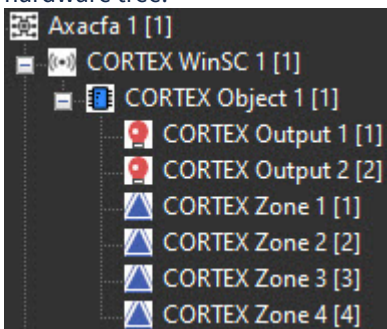
### 3.2 Configuring the object of the CORTEX WinSC integration module

To configure the object of the *CORTEX WinSC* integration module, do the following:

- Go to the settings panel of the **CORTEX Object** that is created on the basis of the **CORTEX WinSC** parent object after you download the configuration (see [Configuring the CORTEX WinSC parent object](#)).



- In the **Object number** field, specify the object number in the system.
- In the **Zone count** field, specify the number of zones created on the basis of this object when downloading the configuration.
- In the **Output count** field, specify the number of outputs created on the basis of this object when downloading the configuration.
- Click the **Apply** button to save the settings.
- Click the **Download configuration** button to download the configuration and automatically build the hardware tree:

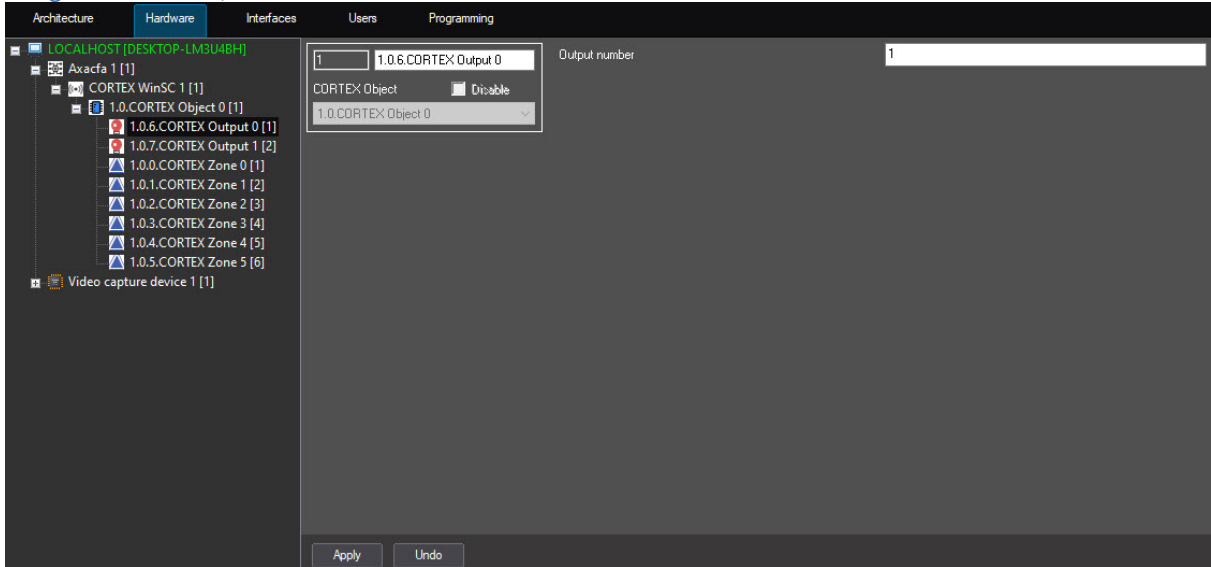


Configuration of the object of the *CORTEX WinSC* integration module is complete.

### 3.3 Configuring the output of the CORTEX WinSc integration module

To configure the output of the *CORTEX WinSC* integration module, do the following:

1. Go to the settings panel of the **CORTEX Output** object that is created on the basis of the **CORTEX Object** after you download the configuration (see [Configuring the object of the CORTEX WinSC integration module](#)).



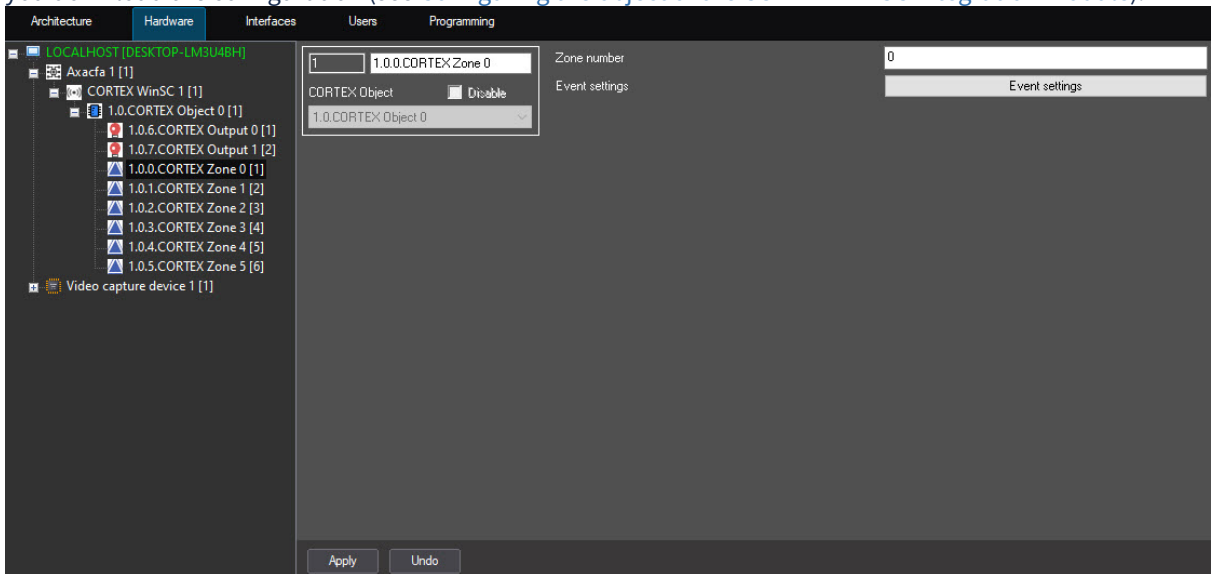
2. In the **Output number** field, specify the output number in the system.
3. Click the **Apply** button to save the settings.

Configuration of the output of the *CORTEX WinSC* integration module is complete.

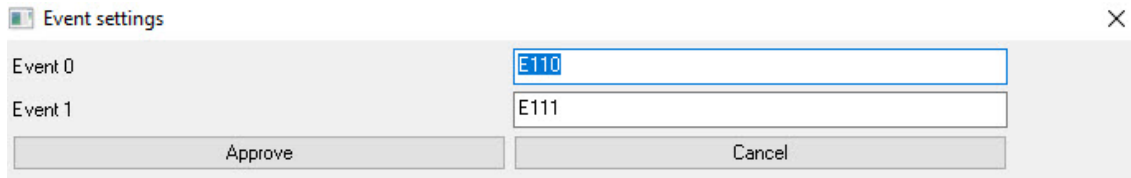
### 3.4 Configuring the zone of the CORTEX WinSC integration module

To configure the zone of the *CORTEX WinSC* integration module, do the following:

1. Go to the settings panel of the **CORTEX Zone** object that is created on the basis of the **CORTEX Object** after you download the configuration (see [Configuring the object of the CORTEX WinSC integration module](#)).



2. In the **Zone number** field, specify the zone number in the system.
3. Click the **Event settings** button.
  - a. In the window that opens, specify events for this zone. Events are specified from the CORTEX Security Commander manufacturer's software.



- b. Click the **Approve** button to save the settings.
4. Click the **Apply** button.

Configuration of the zone of the *CORTEX WinSC* integration module is complete.

## 4 Working with the CORTEX WinSC integration module

### 4.1 General information about working with the CORTEX WinSC integration module

To work with the *CORTEX WinSC* integration module, use the following interface objects:

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 parent object and zone of the CORTEX WinSC integration module

You cannot manage the parent object and zone of the *CORTEX WinSC* integration module in the **Map** window.

The parent object and zone of the *CORTEX WinSC* integration module can have the following states:

|   |                        |
|---|------------------------|
|   | Unknown                |
|  | Connection established |
|  | Connection lost        |




### 4.3 Managing the object of the CORTEX WinSC integration module

You can manage the object of the *CORTEX WinSC* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the object of the *CORTEX WinSC* integration module are described in the table:

| Menu command | Function                                   |
|--------------|--|
| STAY arming  | Leave the <i>CORTEX WinSC</i> object armed |
| AWAY arming  | Arm the <i>CORTEX WinSC</i> object         |
| Disarming    | Disarm the <i>CORTEX WinSC</i> object      |

The *CORTEX WinSC* object can have the following states:

|   |                        |
|---|------------------------|
|  | Unknown                |
|  | Connection established |
|  | Connection lost        |




## 4.4 Managing the output of the CORTEX WinSC integration module

You can manage the output of the *CORTEX WinSC* integration module in the **Map** window using the menu of the corresponding object.


Commands to manage the output of the *CORTEX WinSC* integration module are described in the table:

| Menu command    | Function                                |
|-----------------|---|
| Turn output on  | Turn on the <i>CORTEX WinSC</i> output  |
| Turn output off | Turn off the <i>CORTEX WinSC</i> output |

The *CORTEX WinSC* output can have the following states:

|   |                        |
|---|------------------------|
|  | Unknown                |
|  | Connection established |
|  | Connection lost        |

## 4.5 Example of a configured macro of the CORTEX WinSC integration module

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

When working with the *CORTEX WinSC* integration module, you can configure a macro that triggers when an event is received from *CORTEX WinSC* devices.

Example of a configured macro:

3 Macro 3 Response sending delay (s): 5

Disable

Fast call: None

Icon type: Macro 1

---

Settings

State: Standard  Local  Hidden

| Events        |        |                     |                | Parameters |       |
|---------------|--------|---------------------|----------------|------------|-------|
| Type          | Number | Name                | Event          | Name       | Value |
| CORTEX Object | 1      | 1.0.CORTEX Object 0 | Command failed |            |       |

| Actions       |        |                     |             | Parameters |       |
|---------------|--------|---------------------|-------------|------------|-------|
| Type          | Number | Name                | Action      | Name       | Value |
| CORTEX Object | 1      | 1.0.CORTEX Object 0 | STAY arming |            |       |

Apply Undo