



Configuring the Event Manager module

ACFA PSIM 1.1

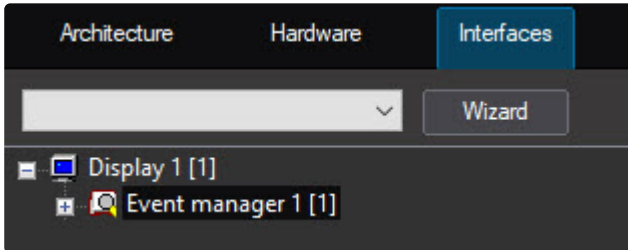
Last update 02/09/2024

Table of Contents

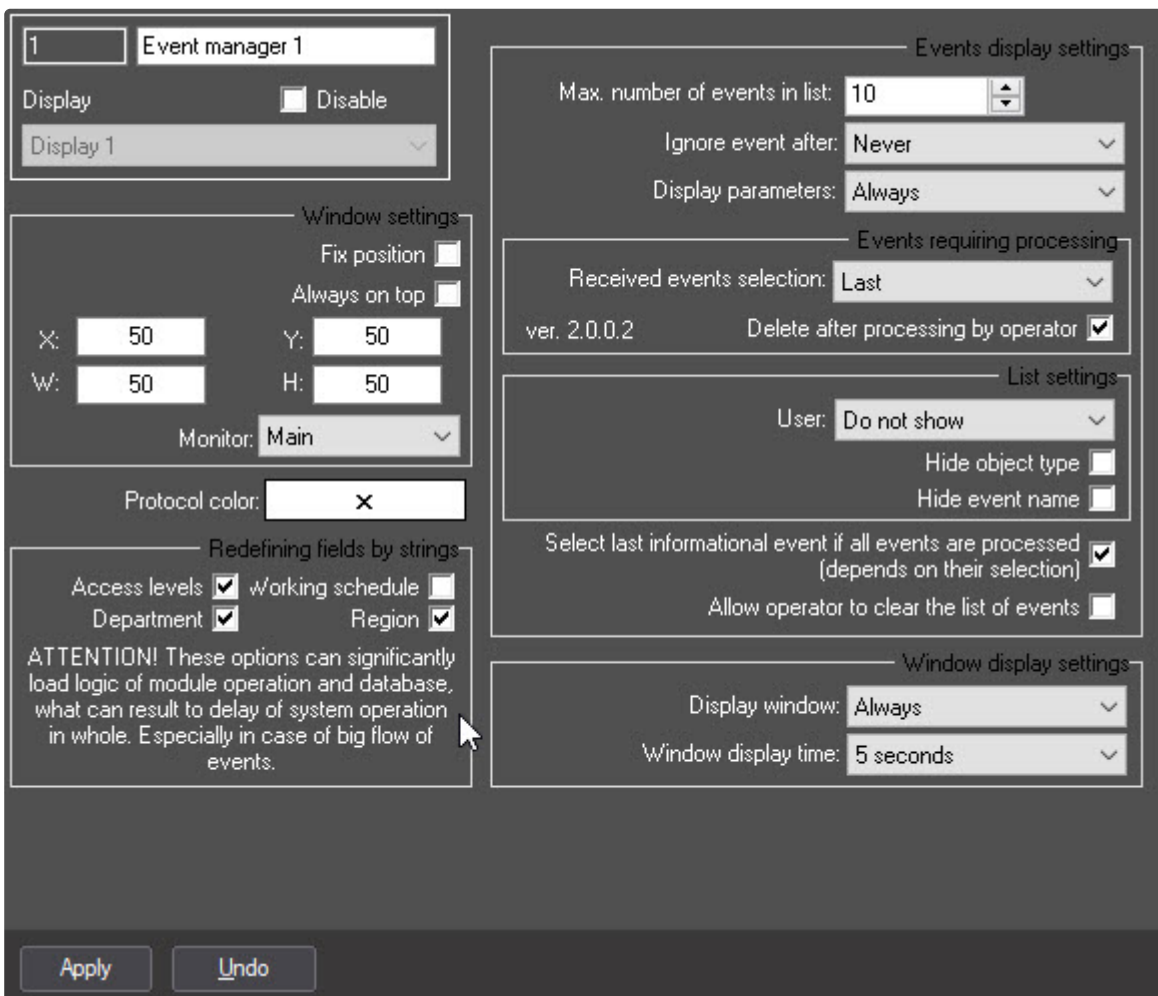
- 1 Creating the Event Manager objects3
- 2 Specifying parameters of the Event Manager module5
- 3 Configuring the rules of displaying9
- 4 Configuring the operator reactions.....12
- 5 Configuring templates of displaying.....14

1 Creating the Event Manager objects

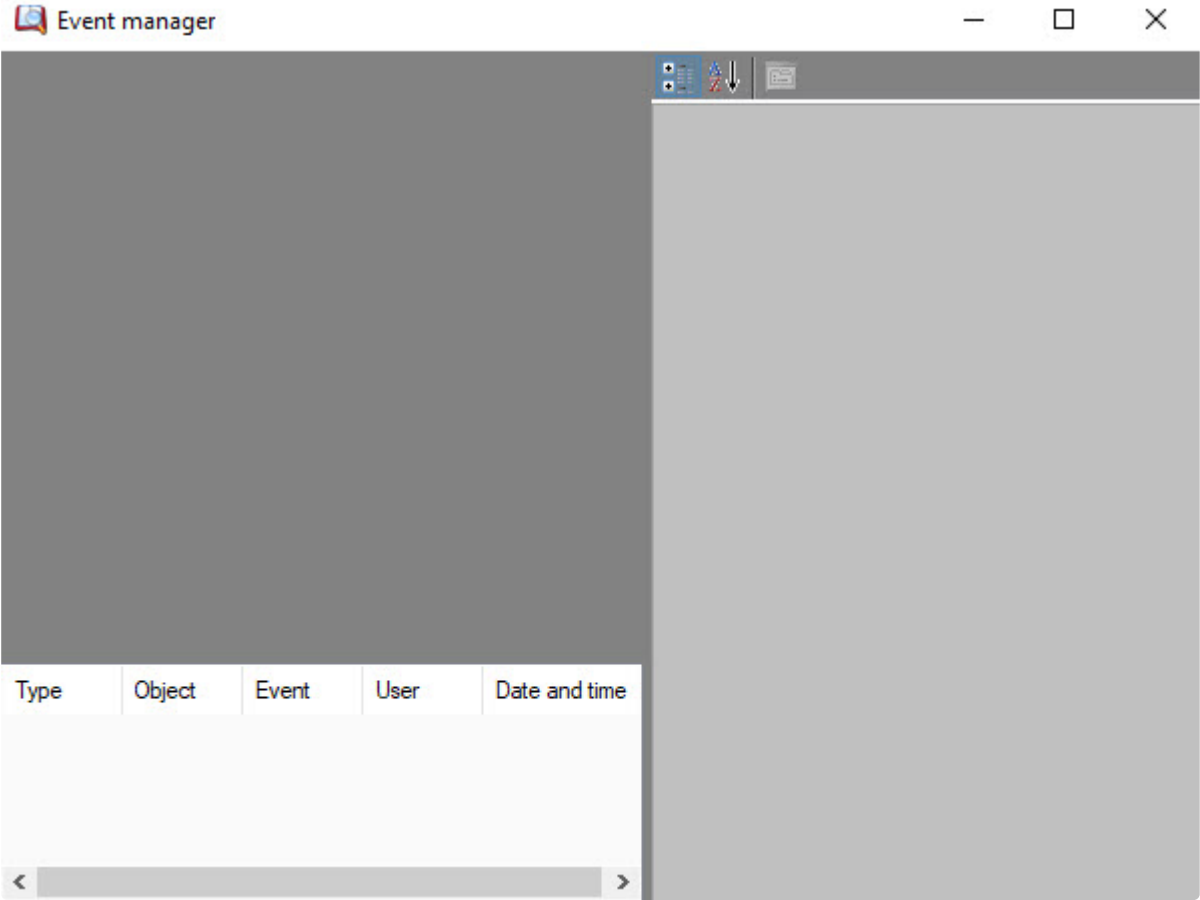
The **Event manager** object is created on the basis of the **Display** object on the **Interfaces** tab of the **System settings** dialog window.



After the object is created, the settings panel of the **Event manager** object will be displayed.



Also, as a result of creating the **Event manager** object, the **Event manager** operator's query window will be created automatically.



The **Event manager** object is created.

2 Specifying parameters of the Event Manager module

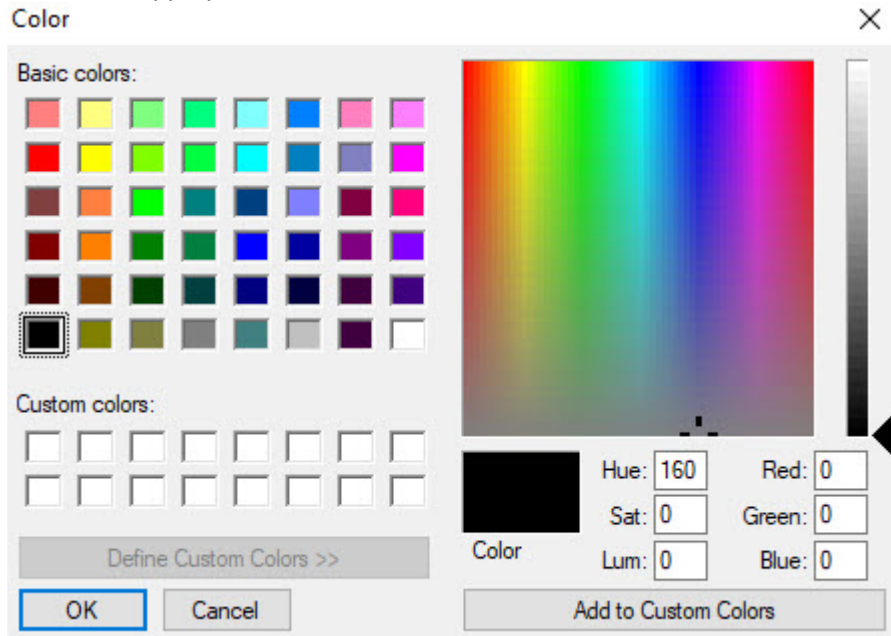
To configure the *Event manager* module on the settings panel of the **Event manager** object, do the following:

1. Go to the settings panel of the **Event manager** object.

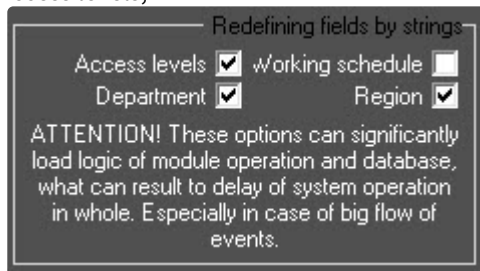
2. Adjust the position of the *Event manager* interface window:
 - a. Set the **Fix position** checkbox to fix the interface window at the specified coordinates preventing it from moving on the screen. If the checkbox is set, the interface window is displayed without heading and it is impossible to change size of window by markings and to close it.

- b. Set the **Always on top** checkbox if it's required to display the interface window on top of all opened windows.

- c. To configure position of the *Event manager* window, specify coordinates of the window's upper left corner in the **X** and **Y** fields and its width and height in the **W** and **H** fields.
- d. From the **Monitor** drop-down list, select the number of monitor in the system, on which the *Event manager* window must be displayed.
- e. Click the **Protocol color** button if it is necessary to set an arbitrary protocol color in the *Event manager* window. As a result, the standard Windows color palette window opens, in which you need to select the appropriate color.



3. In the **Redefining fields by strings** group, set the checkboxes next to the fields for which the digital values stored in the *Axxon PSIM* database must be displayed as text:
 - a. Access levels;



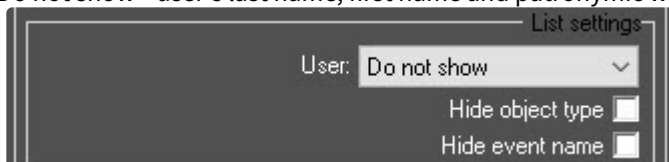
- b. Department;
 - c. Working schedule;
 - d. Region.
4. Specify settings for displaying events in the *Event manager* window:
 - a. In the **Max. number of events in list** field, specify the maximum number of events that will be displayed in the *Event manager* window. The default value is **10**. If you set the value to **0**, the protocol located in the lower part of the **Event manager** interface window will be hidden, and the area of the specified Template of displaying will be proportionally enlarged.



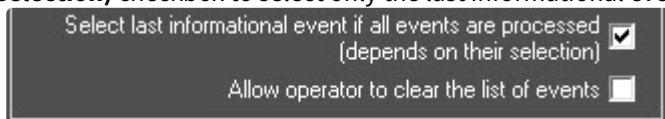
- b. From the **Ignore event after** drop-down list, select the time period after which event will be ignored by the *Event manager* module. If time period from the moment of event receiving exceeds the specified period then such events won't be displayed in the *Event manager* window. Select the **Never** value to display all events of any period of limitation.
- c. From the **Display parameters** drop-down list, select the way of displaying section of the *Event manager* window containing parameters of a user related to the event:
 - i. Always—section of the *Event manager* window containing user parameters is displayed all the time (see [Example of working with the Event manager module](#)). If event not relating to user is selected, then this section will be empty.
 - ii. Never—section of the *Event manager* window containing user parameters is never displayed.
 - iii. If it's required—section of the *Event manager* window containing user parameters is displayed only if there is user related to the selected event. In this case, only the user parameters specified on the **Field** and **Additional field** tabs on settings panel of the **Rule of displaying** object (see [Configuring the rules of displaying](#)) will display. If the informational event is selected or the corresponding user is not found, then this section won't display.
- d. From the **Received events selection** drop-down list, select a method of selecting events that require processing:
 - i. Do not select—events are not selected;



- ii. First—only the first event is selected;
 - iii. Last—only the last event is selected.
 - e. Set the **Delete after processing by operator** checkbox to delete the events that were already processed by an operator from the list and leave only the current events.
- 5. Specify the protocol list settings of the *Event manager* window:
 - a. In the **User** field, select the option to display the user's last name, first name and patronymic:
 - i. Do not show—user's last name, first name and patronymic will be hidden;



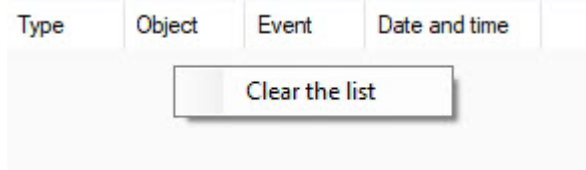
- ii. Surname—only the user's surname will be displayed in the protocol;
 - iii. Surname and initials—user's last name and initials will be displayed;
 - iv. Full name—user's full name (last name, first name and patronymic) will be displayed.
 - b. Set the **Hide object type** checkbox to hide the **Object type** column in the protocol.
 - c. Set the **Hide event name** checkbox to hide the **Event** column in the protocol.
 - d. Set the **Select last informational event if all events are processed (depends on their selection)** checkbox to select only the last informational event.



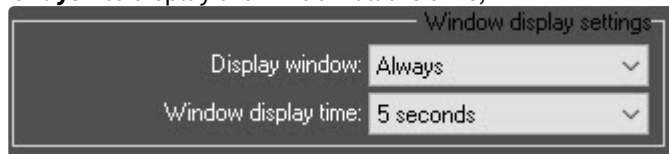
Note

If there is at least one unprocessed event, the last informational event won't be selected.

- e. Set the **Allow operator to clear the list of events** checkbox to allow an operator to clear the list of events. To clear the list of events, right-click anywhere in the protocol and select **Clear the list**.



6. Specify the *Event manager* window display settings:
- From the **Display window** drop-down list, select the value determining the way of displaying the *Event manager* window:
 - Always**—to display the window all the time;



- On event**—to activate window by event from device or hide it after finishing of operator actions.
- From the **Window display time** drop-down list, select time period, during which the *Event manager* window will display after the event receiving.

Note

Window display time must be specified only if the **On event** way of window displaying is selected.

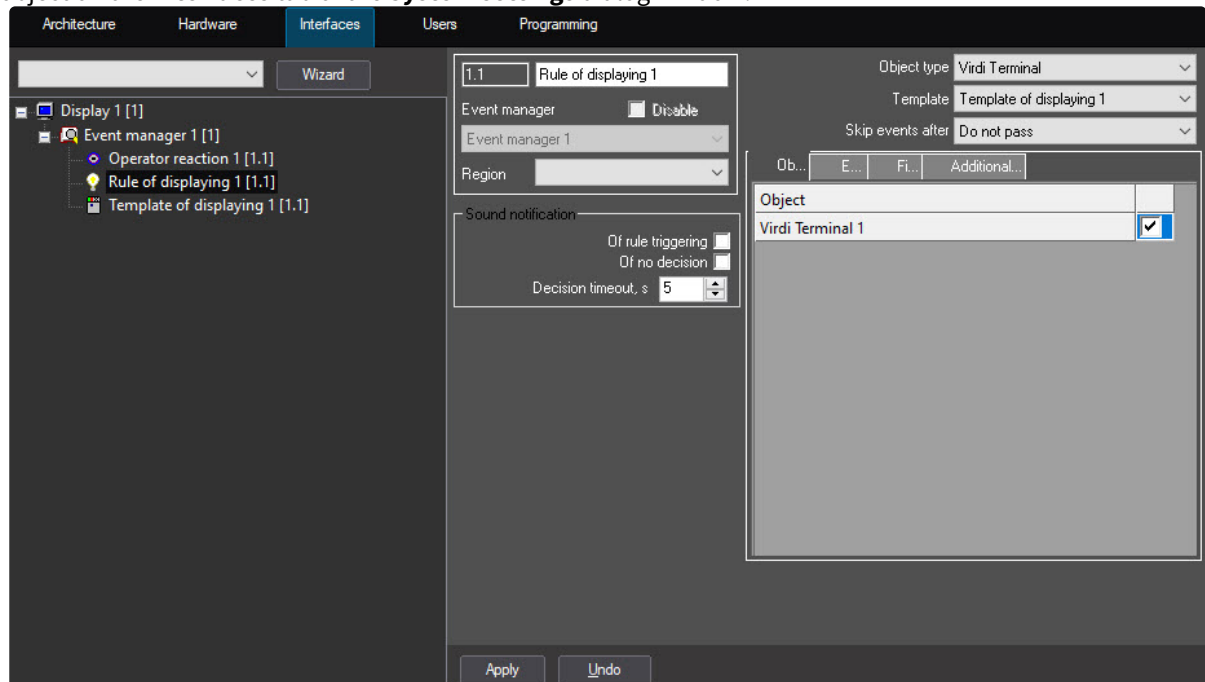
7. Click **Apply**  button to save the changes.

Specifying the parameters of the **Event manager** object is complete.

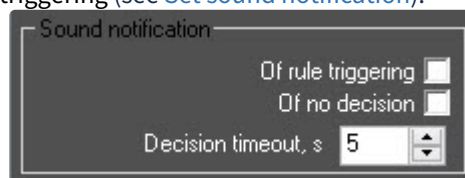
3 Configuring the rules of displaying

To configure the rule of displaying, do the following:

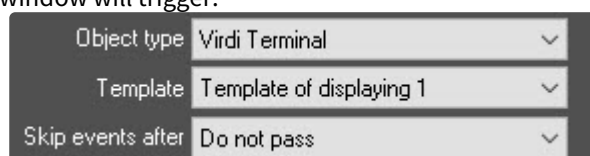
1. Go to the settings panel of the **Rule of displaying** object that is created on the basis of the **Event manager** object on the **Interfaces** tab of the **System settings** dialog window.



2. Set the **Of rule triggering** checkbox if it is necessary to enable sound notification at the moment of rule triggering (see [Set sound notification](#)).

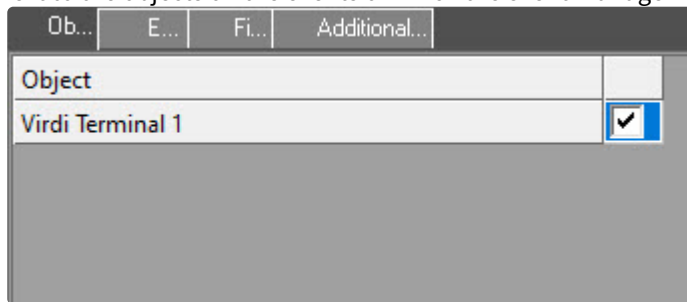


3. Set the **Of no decision** checkbox if it is necessary to enable sound notification in case of decision missing.
4. In the **Decision timeout, s** field, specify the time period in seconds during which an operator must make a decision. If an operator doesn't make a decision during the specified time period, then the sound notification will trigger (if the **Of no decision** checkbox is set).
5. From the **Object type** drop-down list, select the type of object on the events of which the event manager window will trigger.

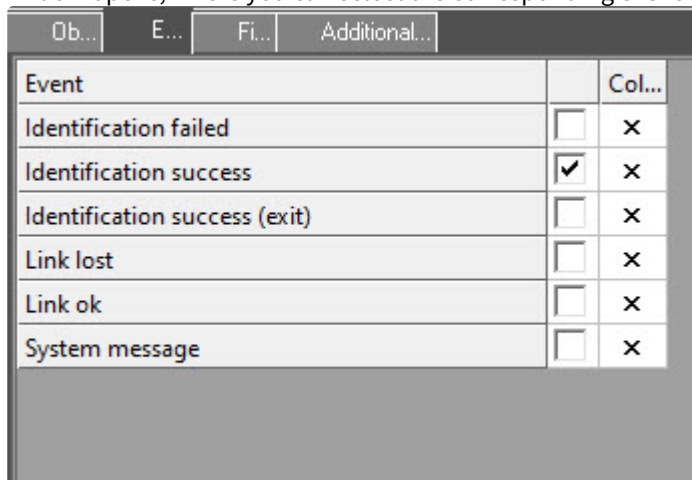


6. From the **Template** drop-down list, select the template of displaying which will be assigned to this rule of displaying.
7. From the **Skip events after** drop-down list, select the time period after which the events that haven't been processed by an operator will be considered as skipped.

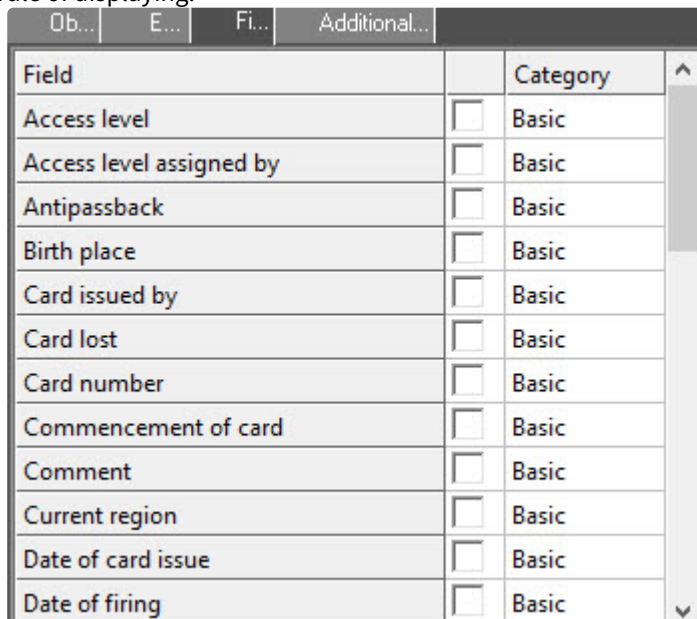
- On the **Objects** tab, there is list of objects of the selected type created in *Axxon PSIM*. Set the checkboxes next to the objects on the events of which the event manager window will trigger.



- On the **Events** tab, set the checkboxes next the events which must be used for this object, and, if necessary, set an arbitrary color for this event. When you click the **X** button, the standard Windows color palette window opens, where you can select the corresponding event color.



- On the **Fields** tab, set the checkboxes next to the database fields which must be displayed in the event manager window when receiving events. The specified set of the displayed parameters is valid only for this rule of displaying.



By default, all database fields have the **Basic** category. To change the category of a field, double-click the left

mouse button on the cell corresponding to this field in the **Category** column and enter the name of a new category.

- On the **Additional field** tab, the additional fields of database are presented.

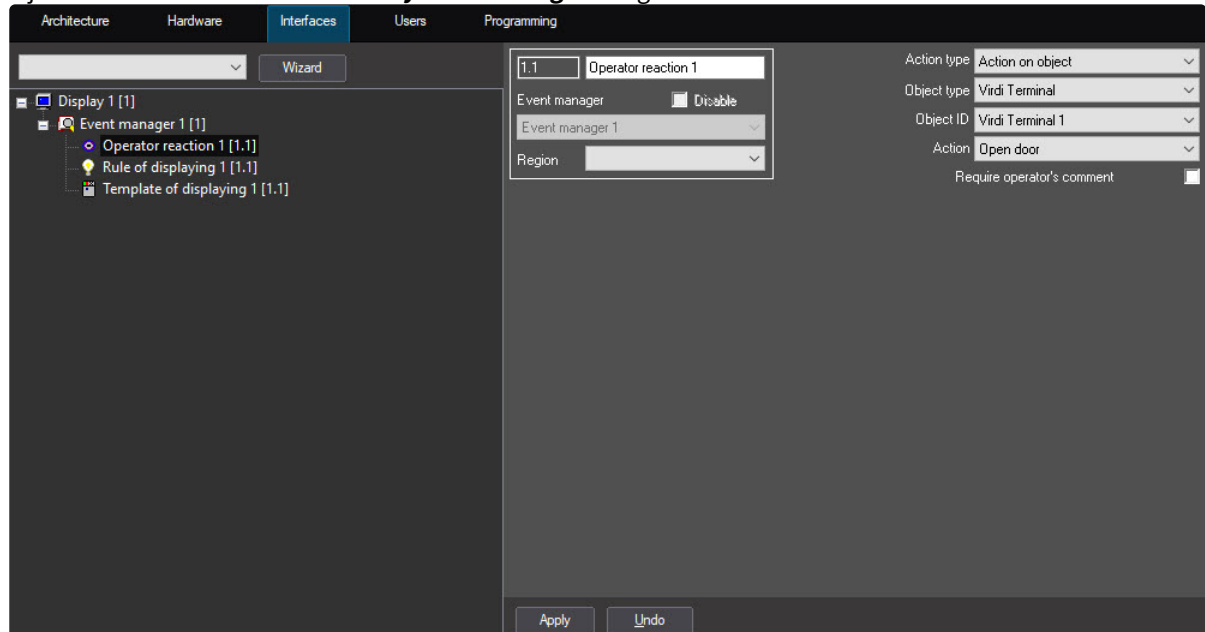
Field	*	Type
Access mode	<input type="checkbox"/>	String
Apollo SDK v.2 extention	<input type="checkbox"/>	String
Biosmart. Number of fingerprints	<input type="checkbox"/>	String
Biosmart. Number of face templates	<input type="checkbox"/>	String
Sigur wiegand	<input type="checkbox"/>	String
Dahua: fingerprints	<input type="checkbox"/>	String
Allow multiply access	<input type="checkbox"/>	String
Galaxy Dual	<input type="checkbox"/>	String
Galaxy Dual Access	<input type="checkbox"/>	String
Galaxy Dual Focus	<input type="checkbox"/>	String
Galaxy Duress	<input type="checkbox"/>	String
Galaxy Group Choice	<input type="checkbox"/>	String

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

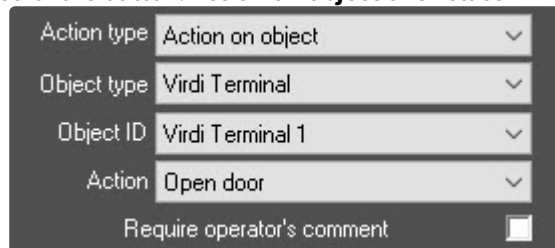
4 Configuring the operator reactions

To configure the operator reaction, do the following:

1. Go to the settings panel of the **Operator reaction** object that is created on the basis of the **Event manager** object on the **Interfaces** tab of the **System settings** dialog window.



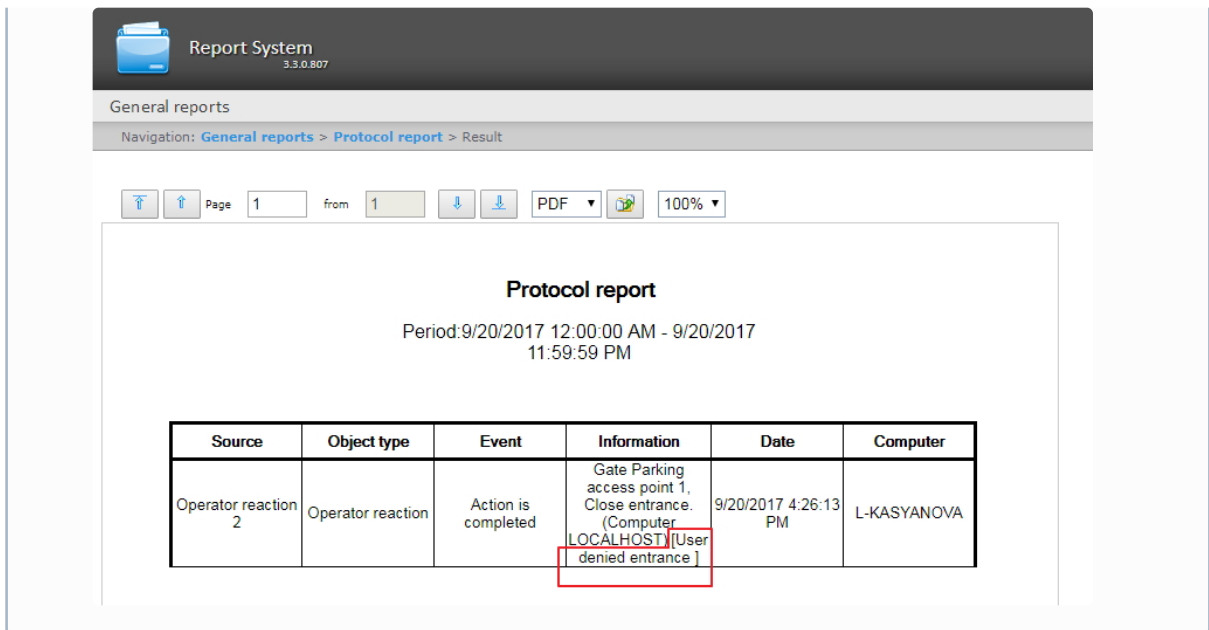
2. From the **Action type** drop-down list, select the type of action that will be executed when you click the software button: **Action on object** or **Shell command**.



3. From the **Object type** drop-down list, select the type of object on which the reaction will be sent when you click the software button.
4. From the **Object ID** drop-down list, select the identification number of an object in *Axxon PSIM*.
5. From the **Action** drop-down list, select the reaction that will be sent to the object when you click the software button.
6. Set the **Require operator's comment** checkbox to display a window with a mandatory requirement to enter a comment when you click the software button.

Note

Comments entered by an operator when making a decision are stored in the database and automatically displayed in the protocol report when the **Operator reaction** event is selected. For more information, see [Protocol report](#) in the *Axxon PSIM WEB Report System. User Guide*.



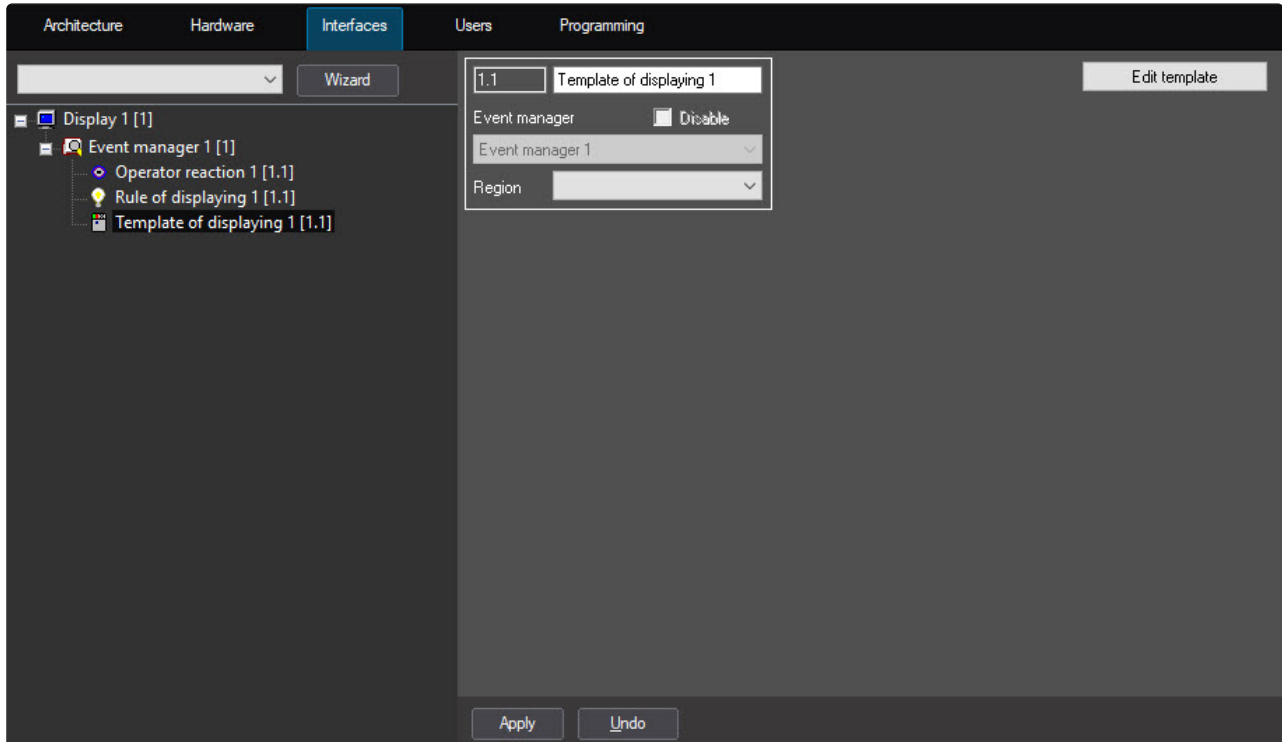
The screenshot displays the 'Report System' interface (version 3.3.0.807) with a navigation path: 'General reports > Protocol report > Result'. The report title is 'Protocol report' for the period '9/20/2017 12:00:00 AM - 9/20/2017 11:59:59 PM'. A table below shows a single event record:

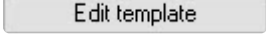
Source	Object type	Event	Information	Date	Computer
Operator reaction 2	Operator reaction	Action is completed	Gate Parking access point 1, Close entrance. (Computer LOCALHOST)[User denied entrance]	9/20/2017 4:26:13 PM	L-KASYANOVA

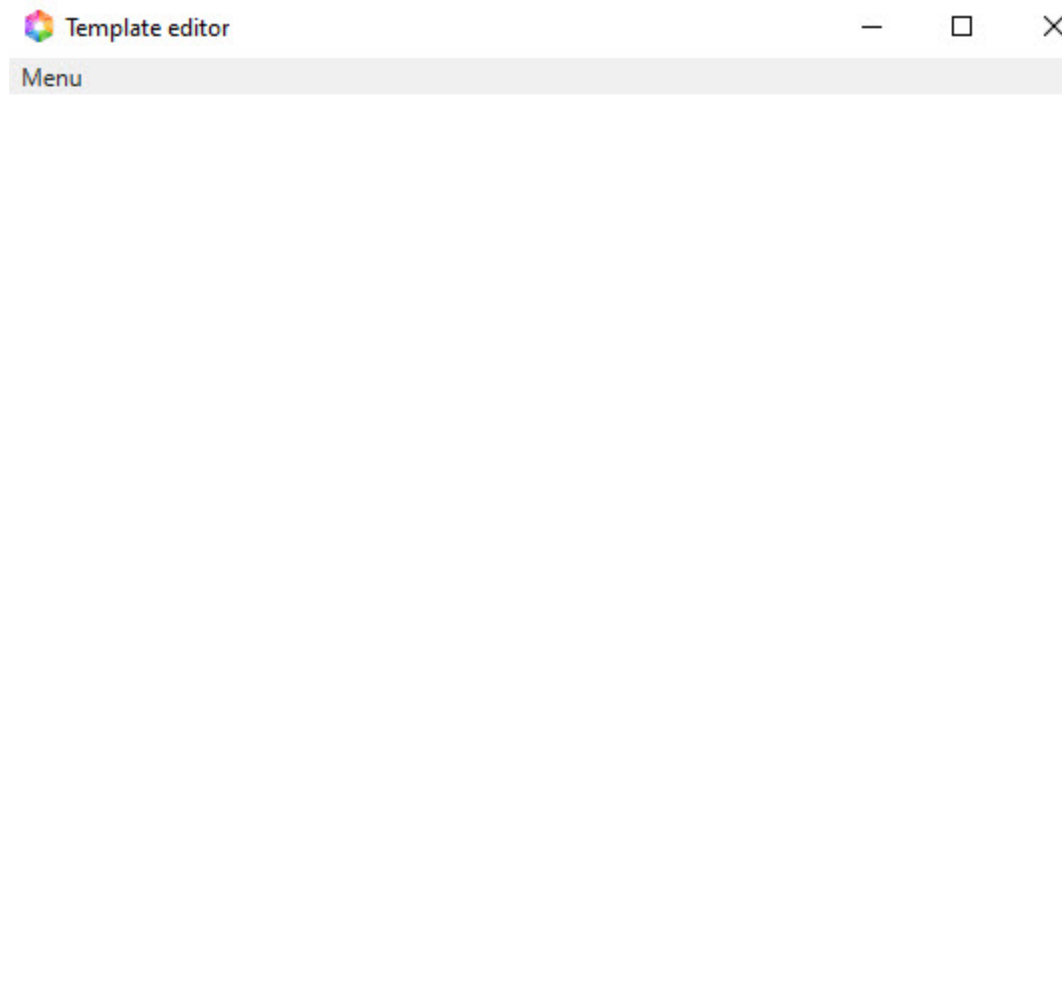
7. Click the **Apply**  button to save the changes..

5 Configuring templates of displaying

The **Template of displaying** object is created on the basis of the **Event manager** object on the **Interfaces** tab of the **System settings** dialog window.

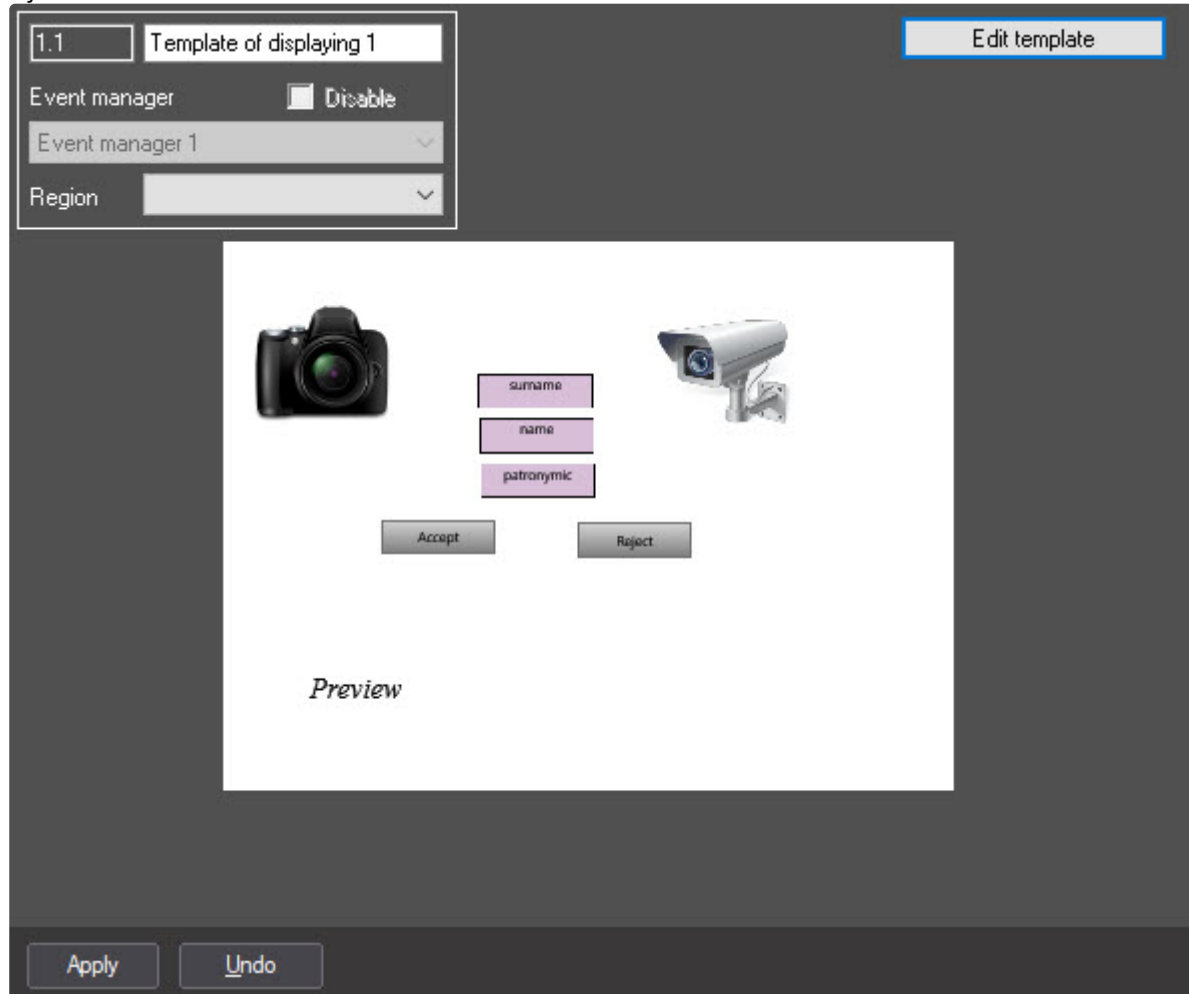


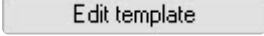
1. To create a new template of displaying click the **Edit template**  button on the settings panel of the **Template of displaying** object. As a result, the **Template editor** window will open.



Working with the Template editor window is described in the [Template Editor Utility Operation Guide](#). As a result, the created template will be displayed on the settings panel of the **Template of displaying**

object.



- To edit an existing template of displaying, click the **Edit template**  button again. As a result, a window with an existing display template will open.

To save changes, click the **Apply**  button.