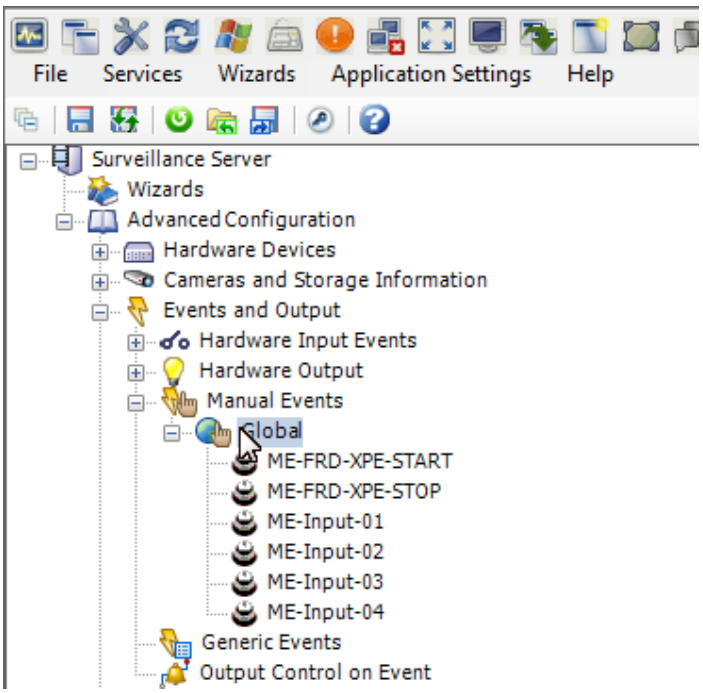
# Configuration of the Event Server for the use of physical Inputs within Smart Alarm:

The following procedure is needed to use physical Inputs of a Milestone XProtect Enterprise 8.0 System in our Smart Alarm Plugin.

Create a Manual Event (virtual event) for each input you want to have available inside Smart Alarm.




With the release of Enterprise 8.0, Milestone introduces the Event Server. This has also an effect on our Smart Alarm Plugin.

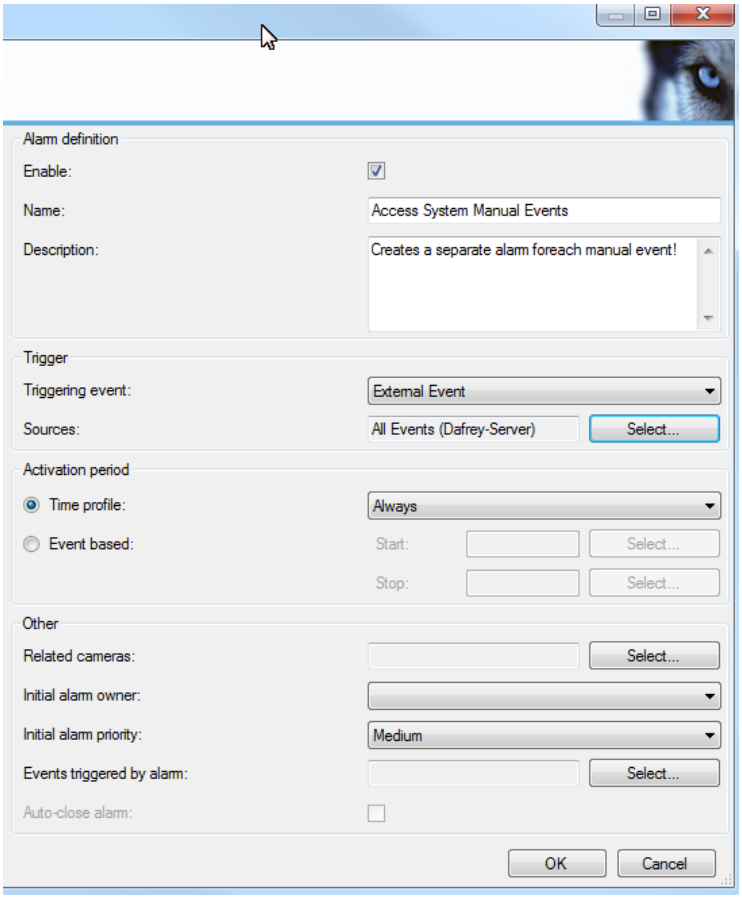
The major change is that Smart Alarm from this time, will only get alarms of the Message External Event of the type Manual Events.

This means, that we have to map any other event or alarm type to a Manual Event.

This is done by configuring Alarm Definition in the Event Server configuration section of the Milestone Management Application.


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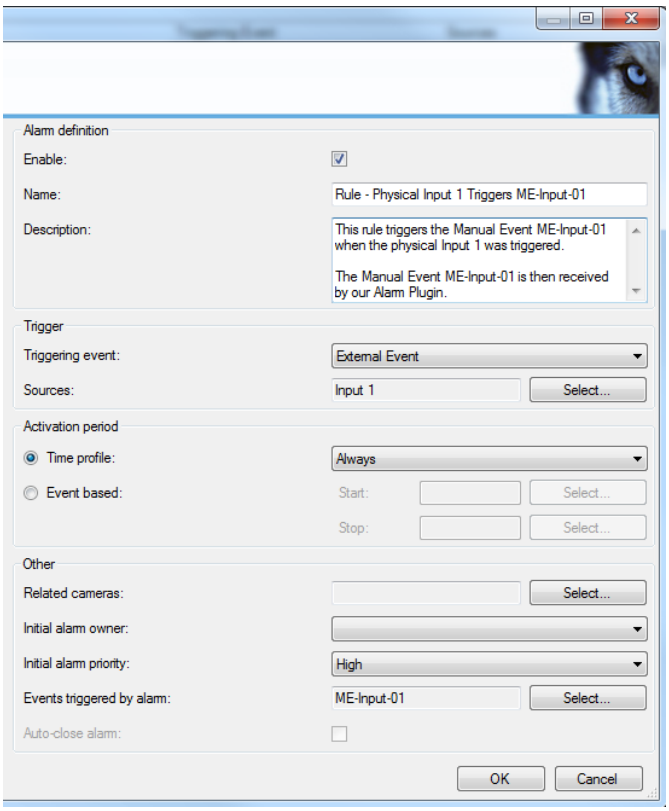
Create a generic Alarm definition which will generate an Alarm for each Manual Event.




This is done by selecting the Triggering event "External Event" and adding all Manual Events you want to have as Source.

If any of the selected source Events in this sample is triggered we will receive an alarm of the Group "Access System Manual Events" with the name of the External Event.

Now we need to create an alarm definition for each input to map them to our newly created Manual Event. The procedure is as follows:




Select the Triggering event to "External Event" and select the desired Input as Source.

Now we only need to select the related Manual Event in the "Events triggered by alarm" field.


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After creating an alarm definition for each input, we are done on the Event Server configuration.




Alarm Definitions:

| Enable | Name | Triggering Event | Sources | Activation Period | Related Cameras |
|---|---|---|---|---|---|
| ☑ | Access System Manual Events | External Event | All Events (Dafrey-Server) | Time profile: Always | |
| ☑ | Rule - Physical Input 1 Triggers ME-Input-01 | External Event | Input 1 | Time profile: Always | |
| ☑ | Rule - Physical Input 2 Triggers ME-Input-02 | External Event | Input 2 | Time profile: Always | |

As you can see in the Alarm Definitions, we have now an Alarm Definition, which generates an Alarm when any of the Manual Events was triggered.

The related Manual Event is then triggered by the related Input, which then is defined in the further Alarm Definitions.

## Configuration of Smart Alarm and Smart Map:

The configuration of the Plugins is now easy. If you don't configure anything in Smart Alarm, all alarms of the type Manual Event will be showed within the Notification Box and they are listed in the Alarm list. If the operator handles an Alarm in the Notification Box, this event is also handled on the Event Servers SQL Database. This means, that it is no longer related to one operator.

NOTE: The shortcut "Ctrl"+"Shift"+"h" will handle all Events of the selected type in the Alarm list. This will reset the "Red Alarm Sign" on the Map.
(As long as you have any unhandled Alarm in the list, the Alarm Sign will keep Red on the Smart Map.)

Finally, you only need to drag n drop the Alarms in to the Smart Map to configure the necessary Multi View or to attach the Alarm Sign to the Map Plugin.


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