

GPS

STANDARD

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User manual

PERIMETER



MILES PLUGIN

ENGLISH





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Disposal of the electrical or electronic equipment at its life end
(Applicable in all countries of the European Union and in those where separate collection of rubbish is in force)

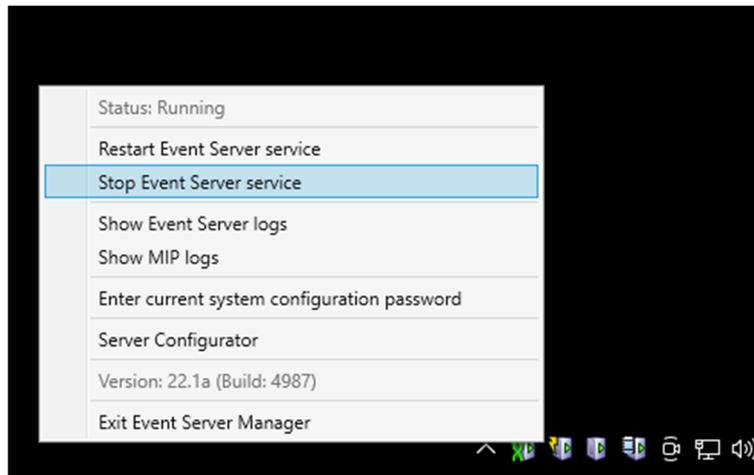
This symbol, on the product or on the packing, indicates that the product is not to be regarded as an ordinary household refuse, but rather that it must be delivered to an appropriate collection point for recycling electrical and electronic apparatuses. By assuring this product is disposed of correctly, you will contribute to preventing potential negative consequences to the environment and to health, which otherwise would subsist through inadequate disposal. Recycling of materials helps preserving natural resources. For more detailed information on how to recycle this product, you may contact your town hall or your local waste disposal service.

Document version:	T-MILESPLUGIN/101/22 – June 2022
FW version:	--
HW version:	--
SW version:	--
Language:	English



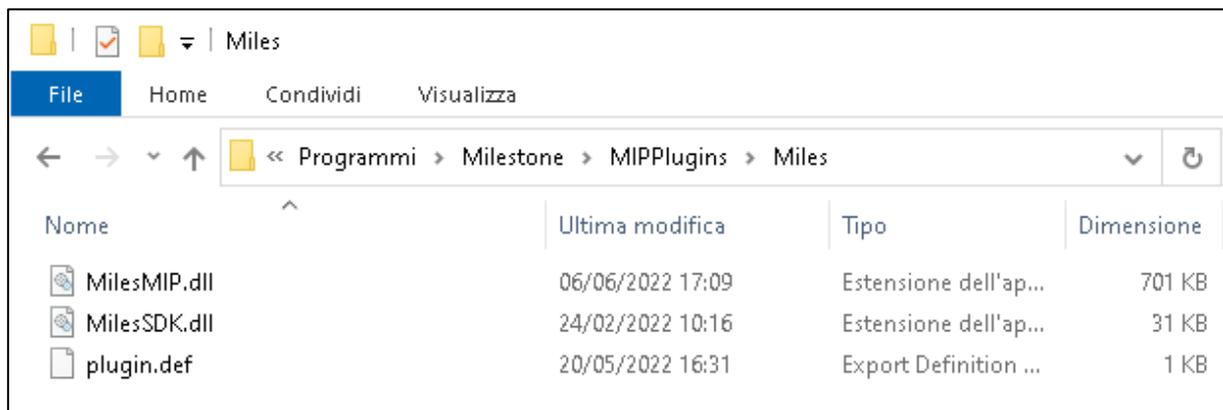
Plugin installation

Stop the **XProtect Event Server Service** and close any other XProtect applications that are open.



Open the Milestone plugins folder (*C: | Program Files | Milestone | MIPPlugins*) with the explorer and create a new Miles folder inside it .

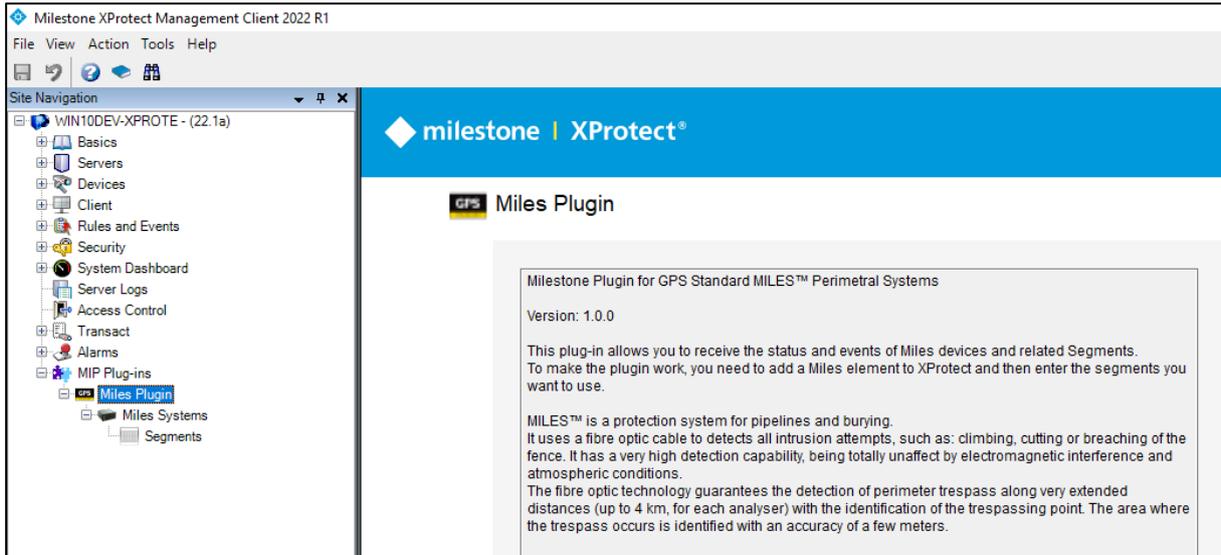
Extract the contents of the **MilesMIPPlugin.zip** zip into the newly created folder:



Restart the **XProtect Event Server Service**

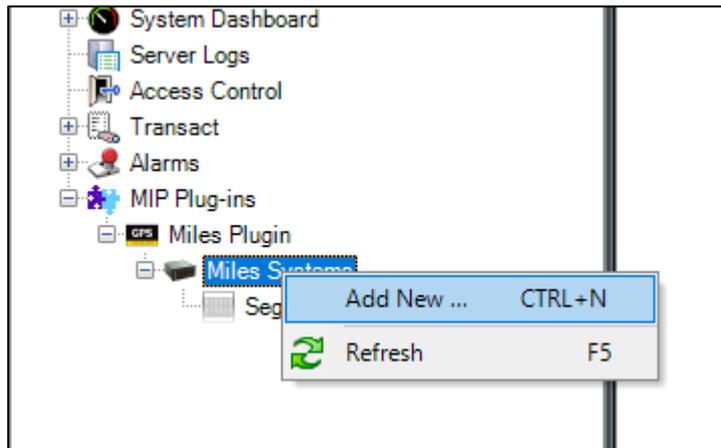
To verify that the plugin is loaded correctly, open the **XProtect Management Client software**, login with an administrator account and check for the presence of the items in the main tree:

- MIP Plug-ins
 - o Miles Plugin

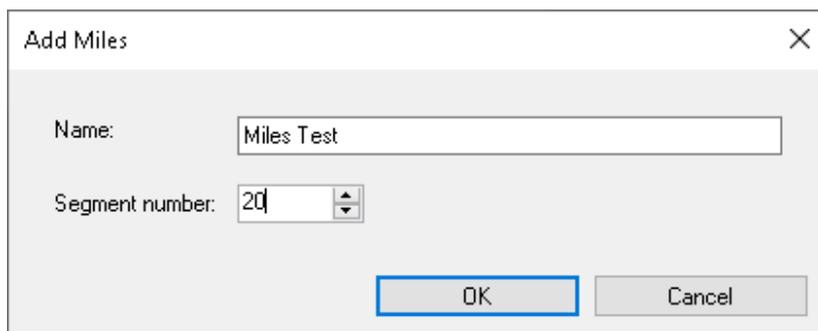


Plugin configuration in XProtect Management Client

In order to use a Miles within the XProtect software, it is necessary to add a Miles device from the XProtect Management Client software: open the "Miles Plugin" node, right-click on the "Miles Systems" node and from the menu select the "Add New ..." item:

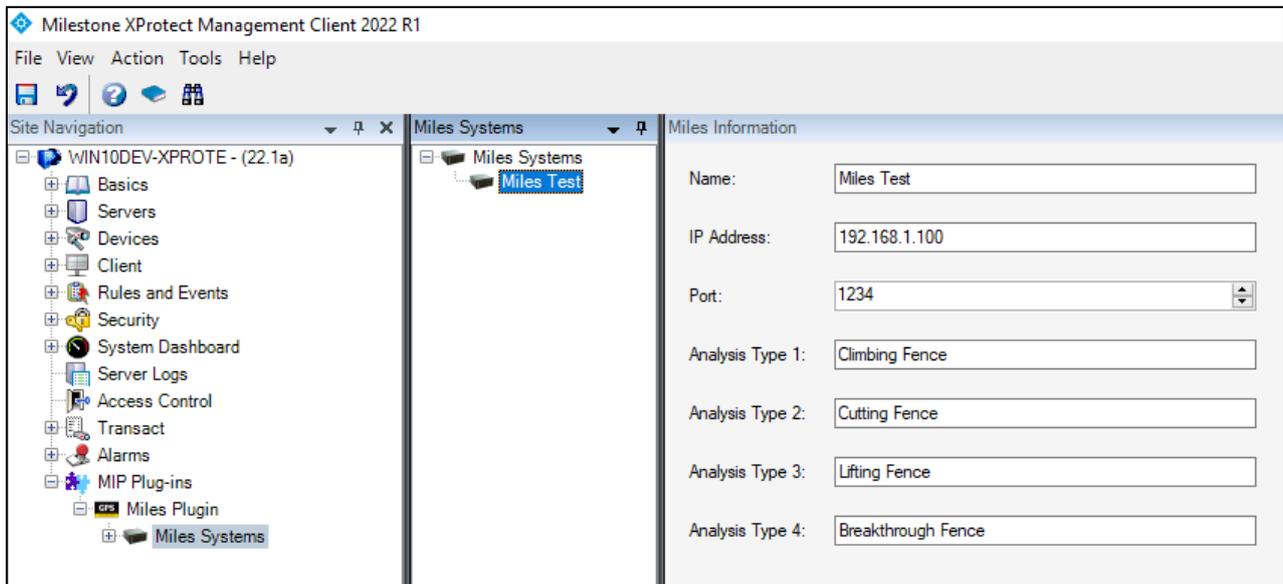


In the window that appears, enter the name of the device to be added and the number of segments to be initially inserted:





In the Miles configuration panel, enter the required data (IP address, Port, etc ...) and then save the data using the button in the main toolbar:



The Miles system is able to carry out and detect different types of alarm: using the Analysis Type 1, 2, 3 and 4 fields it is possible to customize the description of the analyzes carried out. The default values are as follows:

Analysis	Description
AnalysisType1	Climbing Fence
AnalysisType2	Cutting Fence
AnalysisType3	Lifting Fence
AnalysisType4	Breakthrough Fence

Once the data has been saved, the plugin will try to connect to the device and will start receiving statuses and events.

The following table shows the events that the Miles plugin can generate:

Event	Description
Miles	
Miles Connected	The plugin has connected to the device
Miles Disconnected	The plugin detected a disconnection from the device
Miles Armed	The device has been inserted
Miles Disarmed	The device has been disconnected
Miles Error	The device has encountered an error
Miles Fault	The device has detected a fault (generic fault, HDU fault, etc.)
Miles Started	The device has started (it is generated each time the device is switched on)
Miles Setup	The device has been reprogrammed / reconfigured
Miles Tamper	The device has detected a tamper



Segment	
Segment Alarm	The device has detected an alarm on a segment
Segment End Alarm	Event generated by the plugin when an alarmed segment returns to "normal" status
Segment Pre Alarm	The device has detected a pre-alarm on a segment
Segment Exclude	A segment has been excluded (event generated by the plugin on status change)
Segment Includes	One leg has been included (event generated by the plugin on status change)

The following table shows the Miles statuses that can be displayed on the maps within XProtect Smart Client:

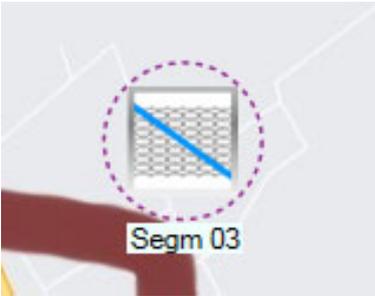
State	Image
Normal Miles and not entered	
Miles Posted	
Miles Fault	



The following table shows the states of the Segment that can be displayed on the maps within XProtect Smart Client:

State	Image
Normal	
Excluding	
Alarm	
Pre-alarm	
Memory	

NOTE: when a Segment is in the Excluded state, it is marked as "Disabled" and on the map it is circled with a permanent purple circle (if the signaling in XProtect Smart Client has not been customized).





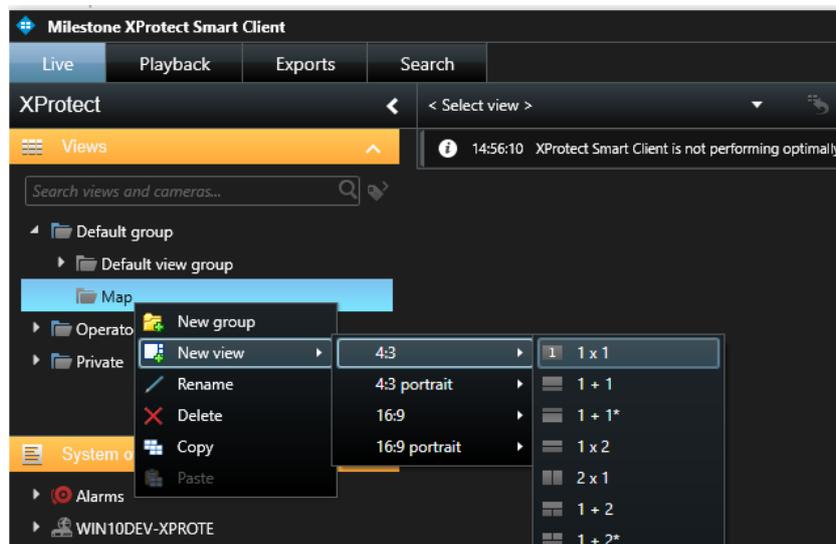
The plugin allows you to send the following commands:

Command	Description
Miles	
Arm	Inserting the device
Disarm	Disarming the device
Reset Memory	Reset alarm memories of the whole device
Segment	
Exclude	Excludes a Segment
Includes	Includes one Excluded Segment
Reset Memory	Segment alarm memory reset

Use in XProtect Smart Client

In XProtect Smart Client it is possible to add the Miles device and its Segments in the Maps.

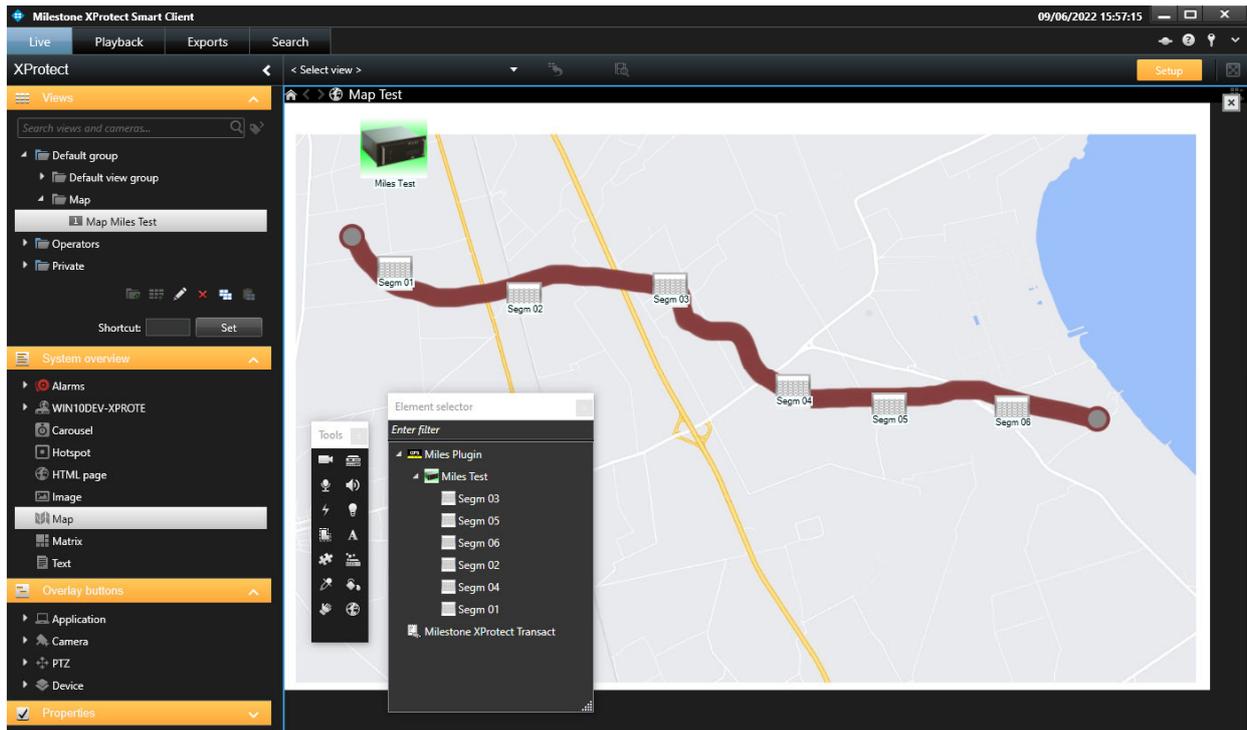
Go to "Setup" mode, create a new view, for example a grid in 1x1 mode:



Give the view a name and then drag a map into the view (drag the "Map" node from the "System overview" with the mouse). You will be asked to insert an existing map or to create a new one.

Once the map with the desired background has been created, the desired devices can be added: to do so, from the "Tools" select the "Add plug-in element" icon (it is the puzzle-shaped icon).

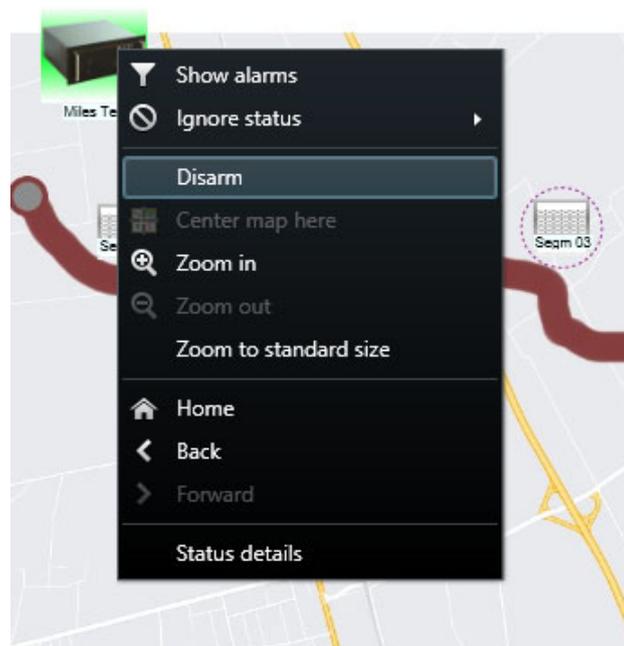
An "Element selector" window opens where you will see the name of the plugin, Miles Plugin, and under the Miles tree, the related segments created in the Management Client; then drag the desired devices to the map:



At this point you can return to normal mode (by pressing the Setup button) and view the statuses, events and send commands to the devices.

Selecting with the right button an element of the Miles (the device itself or one of its segment) it is possible to execute the commands provided according to the status of the selected element.

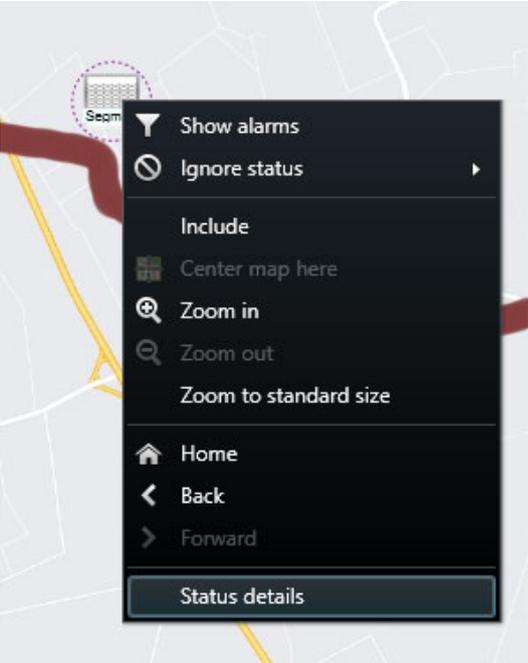
Example of "Disarm" command on Miles device:





Also from the context menu of an element it is possible to request the detailed status of the selected element by clicking on the "Status details" item:

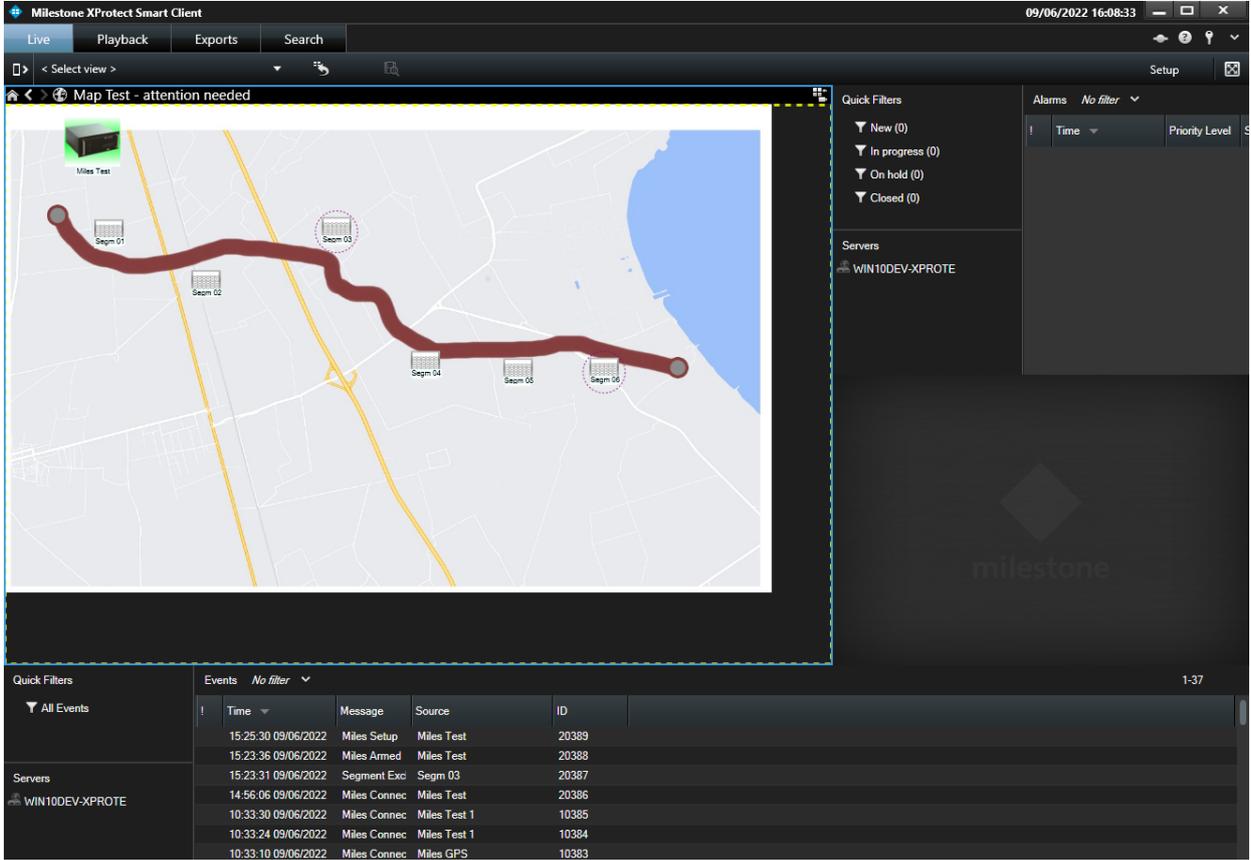
Contextual menu:



State detail of a segment:

Name	Value	Unit
Excluded	Yes	
Memory	No	
Alarm	No	
PreAlarm	No	
Tamper	No	

To view Miles events and alarms, you can create a view with an appropriately split grid like the following example:





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