

Integration procedure between Sicurit Hyperpower and Milestone XProtect VMS

What to do on Hyperpower Configuration Software :

- 1) Open Hyperpower configuration software
- 2) Load the configuration file that must send commands to Milestone XProtect
- 3) To create a procedure (transaction) that will include an information to be send to Milestone

follow these steps :

- Select the transaction icon, to enter in the dedicated menu (point 1, 4th button from the right in the icons button toolbar)
- 2) Select on transaction list the number of transaction (point 2)
- 3) Wrote the name of the transaction details (point 3)

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4) After the transaction selection the next step is to create the transaction itself. In the following example will be used only the instruction dedicated for the communication with XProtect.:

- 1. Select (push) the icon indicate to create an empty instruction (point 1)
- 2. Click on the "Empty" line (point 2)
- 3. In the new opened window select I/O commands and then the function "MILESTONE: send command (point 3)

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Transaction list Detail of transaction nr. 20 Nr Description Mllestone input IMT200 Alarm							
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8 CE700: reset alarm							
9 GETAS: send command							
10 doppio allarme InimLiving boards: enable/disable zones							
11 InimLiving boards: ON/OFF outputs							
12 InimLiving boards: ON/OFF partitions							
13 InimLiving boards: partitions alarm/tamper memories reset							
14 InimLoop boards: NAC output command							
15 InimLoop boards: sensors output command							
17 InimLoop boards: status command							
18 MILESTONE: send command							
19 MODBUS: read registry Select this function this icon							
20 MODBUS: write registry							
21 Notifier AM boards: status command							
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Accept Cancel							



5) The "milestone : send command" selection will let a new window appear. Fullfill the three empty fields as following :

- 1. IP address : the address of the machine where Xprotect is installed (point 1)
- 2. Port : Digit the communication port , that must be the same selected on Xprotect side (point
- 2, default port on Xprotect is 1234)
- 3. Select the constant string format (point 3)
- 4. TEXT : put the string that Xprotect will have to evaluate (point 4)
- 5. Click accept to store the command





6) When the command has been registered the last step for the creation is to save the

transaction. To save it the steps are :

- 1. Check if the correct transaction has been selected (Point 1)
- 2. Click the saving arrow icon (point 2)
- 3. verify the changes on the transaction list (point 3)

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7) The last operation to be done on Hyperpower is to associate it to the input event that will generate the interaction with Xprotect. Follow the steps to make this last operation :

- 1. Click on "Inputs" icon (point 1)
- 2. Select the input that has to be associated (point2)
- 3. Click on transaction button (point 3)
- 4. Choose the transaction desired (number 20 in our example, point 4)
- 5. Select when the transaction must be activated (in the example is when the input zone contact

t will be open, point 5)

6. Select accept to store the parameters of the input



The same operations can be done also from "Partition" menu. In this case every detector associated to the partition will launch the instruction that will interact with Xprotect.



What to do on Milestone XProtect Administration Client :

1) Activation of generic Events :

Xprotect reads the informations coming from Hyperpower as generic external events. For this reason the first operation to be done is unlock Xprotect generic events. To do this follow these steps

1) Enter into the generic event page following clicking on Tools \rightarrow Options \rightarrow Generic events

2) Enable the generic events from the dedicated option and select the port number (default 1234). This number must be the same written on Hyperpower.

3) fulfill the whitelist with the addresses from where the external event will be intercepted.

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Welcome Select ar working. From the	Options X Access Control Settings Analytics Events Customer Dashboard Alarms and Events Generic Events Image: Compatible Generic events 1-enabling of generic event Select data source: Selected data source Compatible Image: Compatible Reset International Port 1234 Vestem European (Windows) Show all
	Allowed external IPv4 addresses: Allowed external IPv6 addresses: 127.0.1 Image: Constraint of the second seco



2) Definition of the generic event

When generic events are allowed the second step is create the event on XProtect Management client. To do this, follow these procedure :

1) select from the tree-menu (on the left part of the screen) the section Generic events.

2) In Generic events menu make a right click on Generic events, select "Add new" and type its name.

3) On the menu will appear the event (see the picture. Enable the event.

4) Type between " " symbols the string that XProtect must receive to activate the event (it MUST be the same that Hyperpower sends)

5) Set "Search" as as expression type and "combatible" as data source, then save the event



by doing this operation the system will analyze all the strings coming to the system and will activate the generic event (and it's consequent reaction, like an alarm) if the coming string will match the one programmed on Hyperpower side.



3) Association between event and Alarm on XProtect :

After generic events are created the next thing to do is create the alarm related to the event. To do this, follow these steps :

1) select from the tree-menu (on the left part of the screen) the section Alarm Definition.

2) In Alarm definitions menu make a right click on Alarm Definition, select "Add new" and type its name.

3) As result on the menu will appear the event like in the picture. Enable the alarm from the related selection

4) Select from "sources" the event (created before) to be associated with the alarm.

5) Fulfill the rest of the alarm parameters according to what is needed from the alarm.

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4) Creation of the Rule in XProtect :

The Last step of the interaction is to create a rule related to the alarm coming from Hyperpower.

The steps are the following :

1) select from the tree-menu (on the left part of the screen) the section Rules and events.

2) In Rules and Events menu make a right click on Alarm Definition, select "Add rules" and type its name.

3) Enable the rule

4) Define the rule according to what is needed.

