

BabylonPI

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Overview

The Babylon plugin ensures seamless integration between the Autec Babylon System and The Milestone video system.

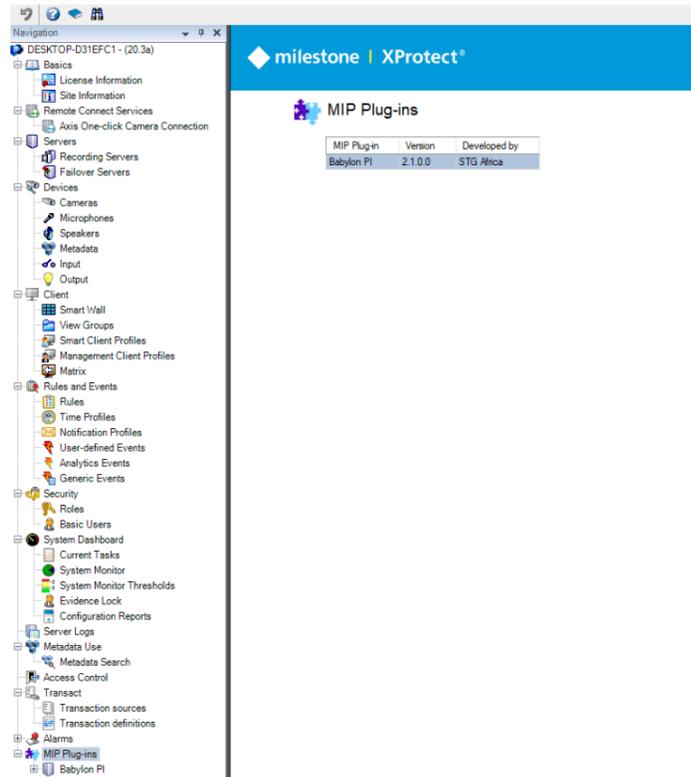
This document provides information on administering and usage of the Babylon plug-in.

Features

- Bi-directional communication and control
- Ten different “kinds” / grouping items for assisting with identification on the client map application
- Freely definable context menu action text for each “kind” / group
- Freely definable icons for map items if the default icons do not “fit” the requirements
- Milestone base events to Babylon association
- Camera association to events from Babylon (datapoint attribute display / control)
- Built in Milestone user rights / roles to view, control etc. plug-in items
- Babylon access control events to Milestone Alarm Manager
- Alarm Handling from Milestone to Babylon

Navigation and configuring the Babylon plugin

- Navigate to the MIP Plug-ins item within the XProtect Management Client – The MIP Plug-ins version number will be displayed



- Expand the tree node and select BabylonPI
- The initial page will be shown for the plug-in with some information and links to manuals etc.

The screenshot shows the Milestone XProtect Management Client 2020 R3 interface. On the left is a tree navigation pane with the following structure:

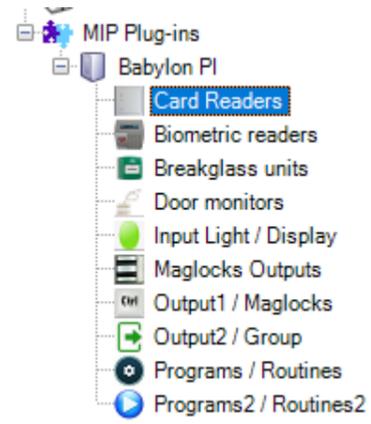
- DESKTOP-D31EFC1 - (20.3a)
 - Basics
 - License Information
 - Site Information
 - Remote Connect Services
 - Axis One-click Camera Connection
 - Servers
 - Recording Servers
 - Failover Servers
 - Devices
 - Cameras
 - Microphones
 - Speakers
 - Metadata
 - Input
 - Output
 - Client
 - Smart Wall
 - View Groups
 - Smart Client Profiles
 - Management Client Profiles
 - Matrix
 - Rules and Events
 - Rules
 - Time Profiles
 - Notification Profiles
 - User-defined Events
 - Analytics Events
 - Generic Events
 - Security
 - Roles
 - Basic Users
 - System Dashboard
 - Current Tasks
 - System Monitor
 - System Monitor Thresholds
 - Evidence Lock
 - Configuration Reports
 - Server Logs
 - Metadata Use
 - Metadata Search
 - Access Control
 - Transact
 - Transaction sources
 - Transaction definitions
 - Alarms
 - MIP Plug-ins
 - Babylon PI**

The main content area displays the 'Babylon PI' plugin page. It features a blue header with the Milestone XProtect logo. Below the header, the text 'Babylon PI' is displayed. A grey box contains the text: 'Welcome to the Babylon Access control and Milestone plugin'. Underneath, a section titled 'Features included :' lists the following features:

- > Bi-directional communication and control
- > Ten different "kinds" / grouped items for assisting with identification on the client map application
- > Freely definable context menu action text for each "kind" / group
- > Freely definable icons for map items if the default icons are not suitable
- > Milestone base events to Babylon association
- > Camera association to events from Babylon
- > Built in Milestone user rights / roles to view, control etc. plug-in items
- > Access control events into Milestone Alarm Manager
- > Babylon alarm handling directly from Milestone Alarm Manager

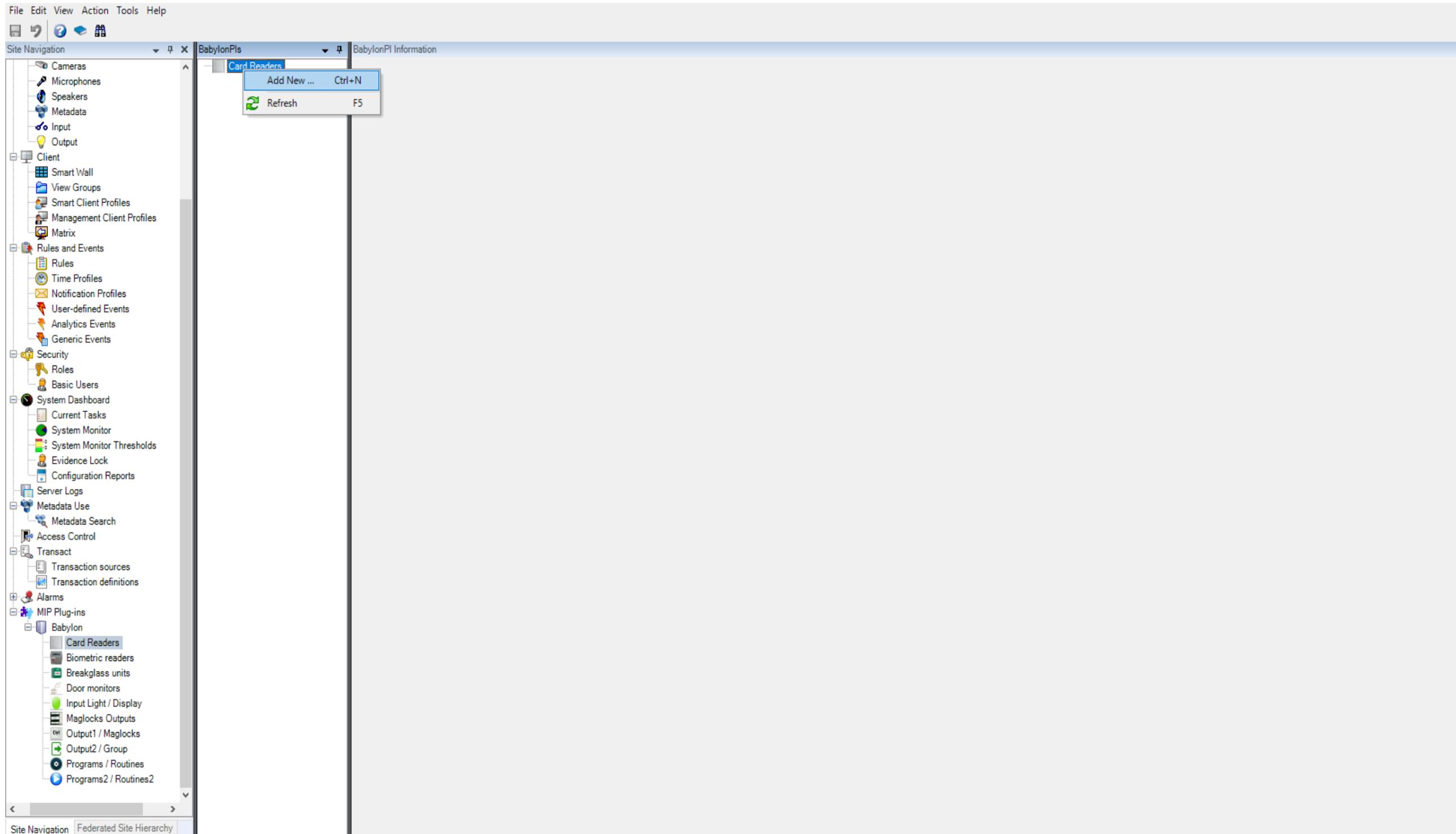
At the bottom of the page, there are two links: 'Administration / user manual :' and 'Administration', and a link to the 'STG Africa website'.

- An additional tree node will be displayed under the Babylon item
 - The additional items are pre-defined groups
 - Select an item for which you want to add and configure

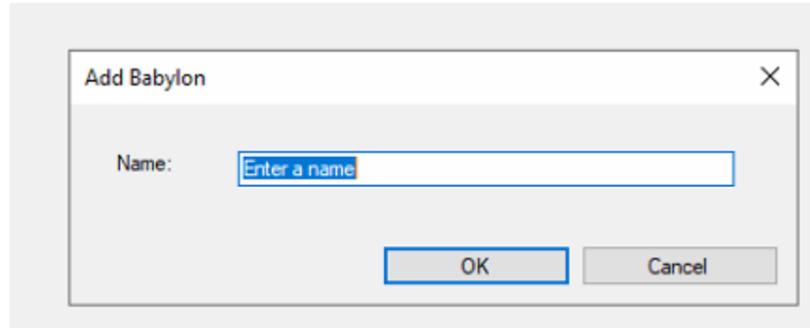


Important Note: The Card Readers group needs at least one entry for the system to register and operate correctly!!!

- Selecting the item will display the item group in a new pane
- Right click the item and select Add New...



- A pop up to Add Babylon will appear asking the user to “Enter a name”.
- No need to change the name as this is updated automatically when selecting a datapoint.
- Just select OK.



The BabylonPI Information pane will be opened

Milestone XProtect Management Client 2020 R3
 File Edit View Action Tools Help

Site Navigation TOP-D31EFC1 - (20.3a)

- Basics
 - License Information
 - Site Information
 - Remote Connect Services
 - Axis One-click Camera Connection
- Servers
 - Recording Servers
 - Failover Servers
- Devices
 - Cameras
 - Microphones
 - Speakers
 - Metadata
 - Input
 - Output
- Client
 - Smart Wall
 - View Groups
 - Smart Client Profiles
 - Management Client Profiles
 - Matrix
- Rules and Events
 - Rules
 - Time Profiles
 - Notification Profiles
 - User-defined Events
 - Analytics Events
 - Generic Events
- Security
 - Roles
 - Basic Users
- System Dashboard
 - Current Tasks
 - System Monitor
 - System Monitor Thresholds
 - Evidence Lock
 - Configuration Reports
- Server Logs
- Metadata Use
- Metadata Search

Card Readers

Enter a name

Babylon Information

Enter text to search... Find Clear

Drag a column header here to group by that column

Type	Babylon datapoints
RO	CREATE-TEXTLOG
RO	SELFTEST-DP
RO	SQL-LIFECHECK
SY	Dev-K12-M
SY	DevM-CR01
SY	DevM-CR02
RO	MILESERVICELIFE
BI	BREAKGLASS1
BO	MAGLOCK1
BI	DOORMONITOR1
BI	DOORMONITOR2
BO	MAGLOCK2
PG	BOOKING-PG1
RO	HANDLER SERVICE

Enabled

Group: Card Readers 

Datapoint: Enter a name

Attribute:

Normal value:

Activated value:

Change map icon for this group
 This selection will effect all icons for this group on maps !

Select custom icon normal state

Path: C:\Program Files\Milestone\MIPPlugins\BabylonPI\MapIcons\CardReaderNormal.ico

Select custom icon active state

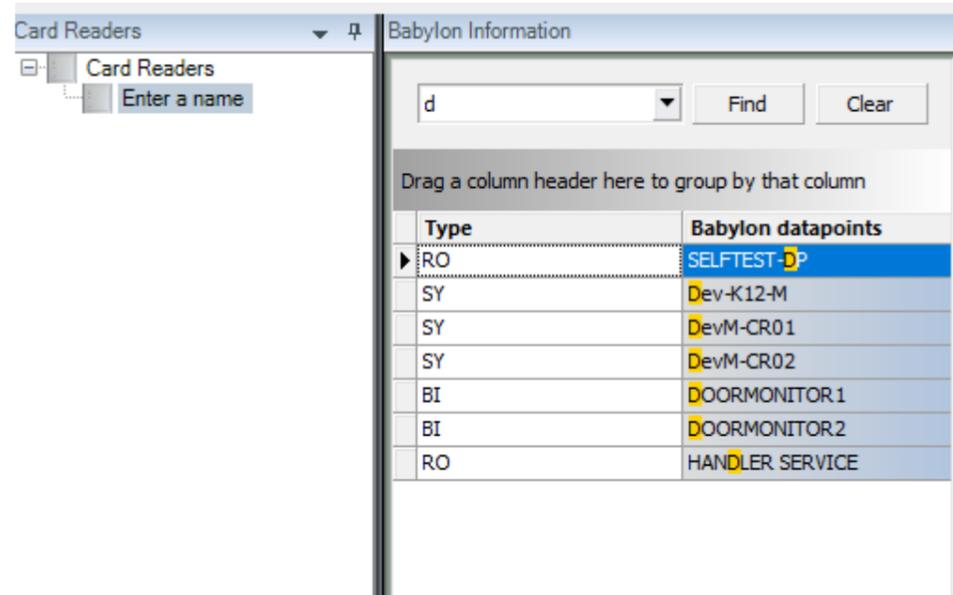
Path: C:\Program Files\Milestone\MIPPlugins\BabylonPI\MapIcons\CardReaderActivated.ico

Change action text for this group
 This selection will effect all context menu actions for this group on maps !

Normal state text: Unblock

Activate state text: Block

1. One first has to get or select a datapoint from the table
 - a. The table also includes search as one types functionality to assist with obtaining the wanted datapoint
In the example below “d” has been typed in the search box which is not case sensitive
All items containing the searched text will be displayed
One can search by type by entering “SY” or just “S” for system types i.e., card readers if required



b. The table additionally includes the ability to filter by Type or Name

The image displays two screenshots of the BabylonPI Information interface, demonstrating filtering capabilities.

Top Screenshot: Shows the 'BabylonPI Information' window with a search bar and 'Find'/'Clear' buttons. A table with columns 'Type' and 'Babylon datapoints' is visible. A filter dialog is open, showing a search bar and a list of types: (All), BI, BO, GR, PG (checked), RO, SY. The 'Group' is set to 'Card Readers' and the value is 'K32-01 DEV'.

Type	Babylon datapoints
PG	

Bottom Screenshot: Shows the same interface with a different filter dialog. The 'Group' is 'Card Readers' and the value is 'K32-01 DEV'. The filter dialog shows a search bar and a list of values: (All), ALARM-ZONE0, ARM2-STATE-HMI, ARM-BOOKING-DATA, ARM-STATE-TO-HMI, BOOKINGS, BOOK-TEMP-BREATH, BREAKGLASS1, BREAKGLASS2, CONDIT-DISPL ΔY. The table shows a list of data points grouped by 'Type'.

Type	Babylon datapoints
SY	K32-01 DEV
SY	CR01-DEV
SY	CR02-DEV
SY	CR03-DEV
SY	CR04-DEV
SY	CR01-DEV/1
SY	CR04-DEV/1
SY	CR02-DEV/V
SY	CR03-DEV/V
SY	K32-01 DEV/V
SY	K12-DEV
SY	CR01-K12
SY	CR02-K12
SY	CR01-K12/V
SY	CR02-K12/V
SY	K12 DEV/V

2. Select the datapoint required
 - a. Note the selected name is displayed in the “Datapoint:” text box.
 - b. Once the entry is saved after configuration is complete, the name will automatically be saved and displayed under the group i.e., Card Readers group will contain the selected datapoint

The screenshot shows the 'Babylon Information' configuration window. On the left, a tree view shows 'Card Readers' with a sub-item 'Enter a name'. A red arrow points from this sub-item to the 'Datapoint:' text box in the configuration panel. The configuration panel includes a search bar, a table of datapoints, and several input fields.

Type	Babylon datapoints
RO	CREATE-TEXTLOG
RO	SELFTEST-DP
RO	SQL-LIFECHECK
SY	Dev-K12-M
SY	DevM-CR01
SY	DevM-CR02
RO	MILESERVICELIFE
BI	BREAKGLASS 1
BO	MAGLOCK1
BI	DOORMONITOR.1

Configuration options on the right:

- Enabled
- Group: Card Readers
- Datapoint: DevM-CR01
- Attribute:
- Normal value:
- Activated value:

- 3. Enabled – Check box is used to enable or disable the selected data from being polled in the background.
 - a. Group – Displays the name of the current group and the group image.
 - b. Datapoint – Displays the current selected datapoint (The datapoint to be monitored or send controls to).
 - c. Attribute – The attribute in Babylon to be monitored or control.
 - d. Normal value – The value of the attribute in the normal state. This is used for display on Smart Client maps and is the value sent to Babylon from the maps to update a “Normal” value.
 - e. Activated value – The value of the attribute in the activated state. This is used for display on Smart Client maps and is the value sent to Babylon from the maps to update an “Active” value.

In this example:

Normal value “0” on a card reader indicates card reader unblocked i.e., Unblocked value either sent or received

Activated value “4” on a card reader indicates card reader blocked and shows the icon on the maps as highlighted when in the “non-normal” state i.e., Blocked value of either sent or received

Enabled

Group: Card Readers 

Datapoint: DevM-CR01

Attribute: SP

Normal value: 0

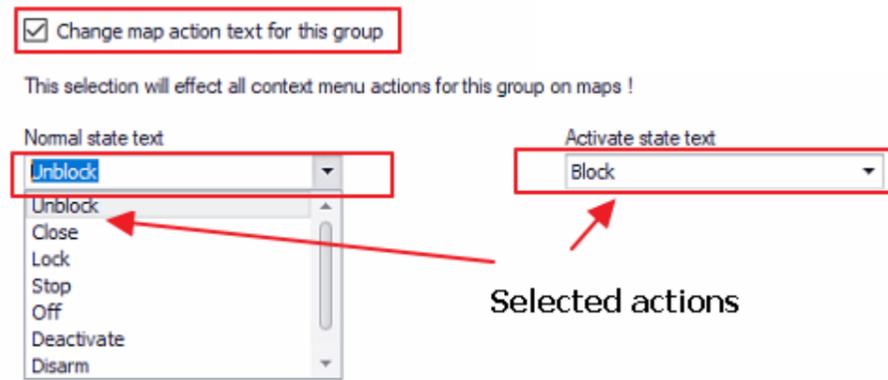
Activated value: 4

Required

4. Changing the Map action text for this group if required when right clicking on the icon within Milestone Smart client maps.
 - a. Ensure “Change map action text for this group” is checked.
 - b. There is a drop-down list of pre-defined actions.
 - c. Select the default “Normal” action to perform. i.e., In this case to unblock the reader we need to send it the “Normal value” of 0.
 - d. Select the default “Activate” action to perform. i.e., In this case to block the reader we need to send it the “Activated value” of 4.

Note:

In the selection box, the user can type their own text if required. This will be stored for future use as well for this item.



5. Changing the Map icon display for this group if required when displaying icons on the Milestone Smart client maps
 - a. Ensure “Change map icon for this group” is checked.
 - b. There are pre-defined icons available in the directory:
 - c. C:\Program Files\Milestone\MIPPlugins\BabylonPI\MapIcons\
 - d. Select icons for Normal and Active states to be displayed

Change map icon for this group
 This selection will effect all icons for this group on maps !

Select custom icon normal state

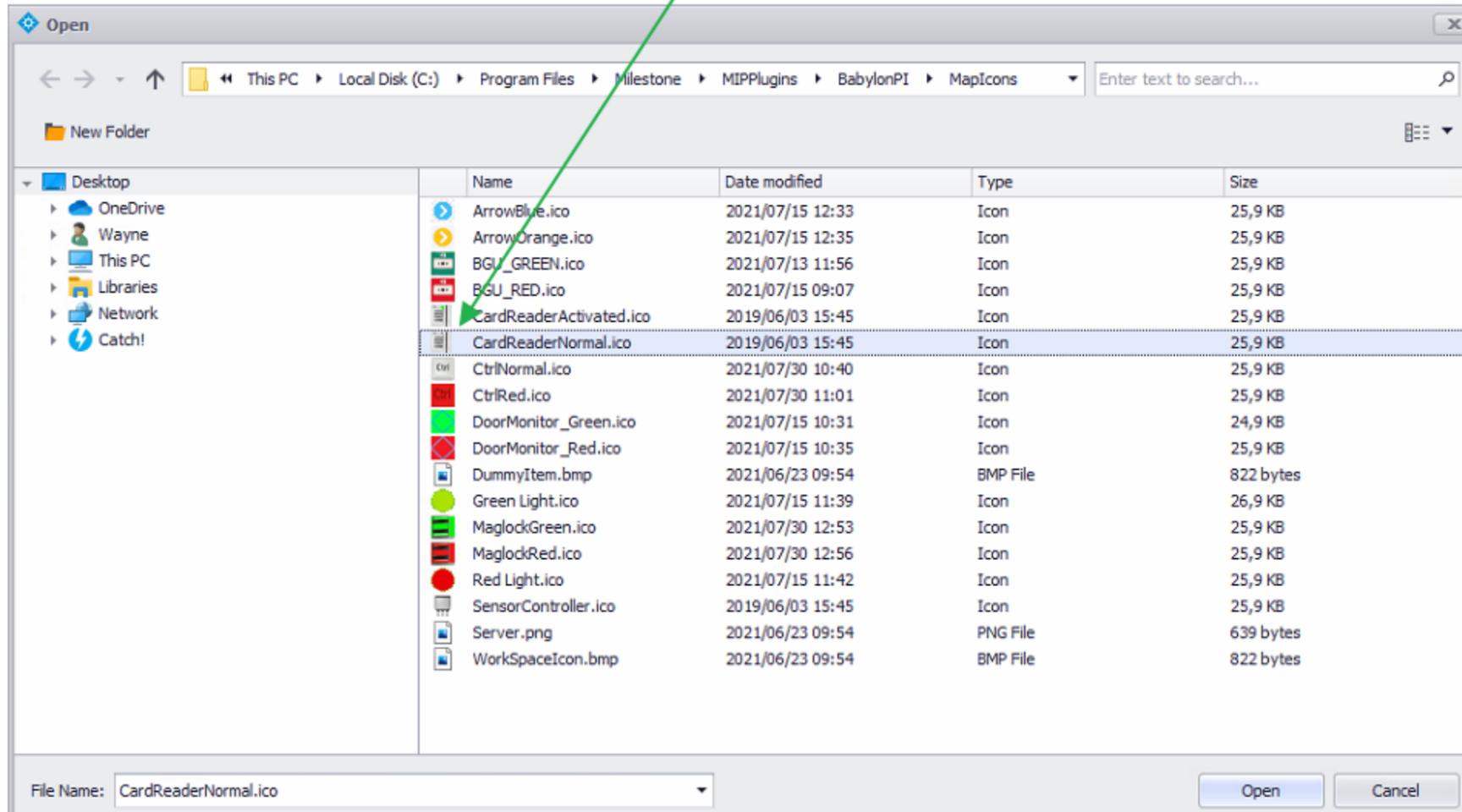
Path: C:\Program Files\Milestone\MIPPlugins\BabylonPI\MapIcons\CardReaderNormal.ico

Select custom icon active state

Path: C:\Program Files\Milestone\MIPPlugins\BabylonPI\MapIcons\CardReaderActivated.ico

Opens dialog to icons

**Path to icons.
 Default path:
 C:\Program Files\Milestone\MIPPlugins\BabylonPI\MapIcons**

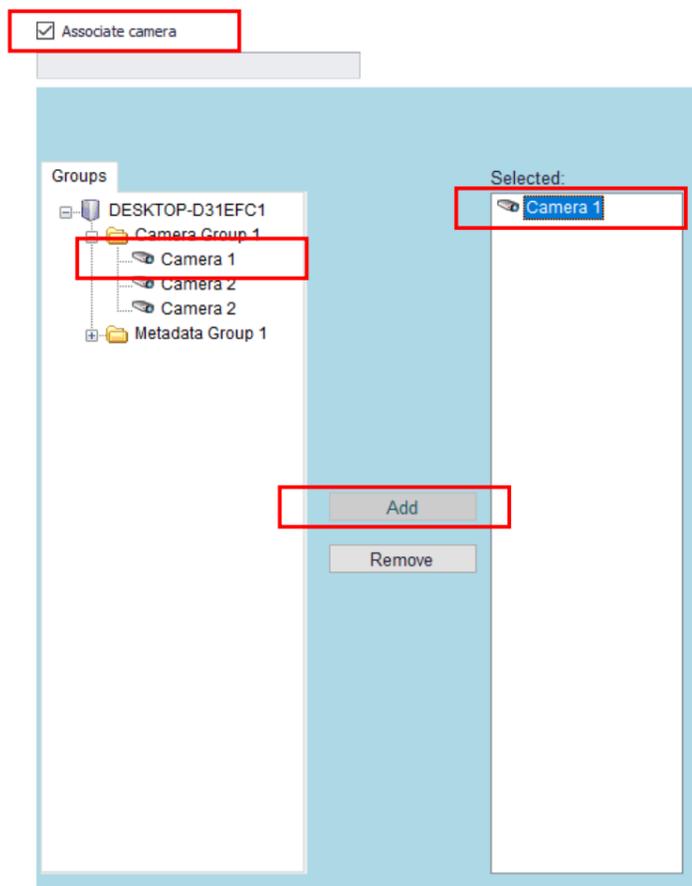


6. Adding camera and event associations to the system

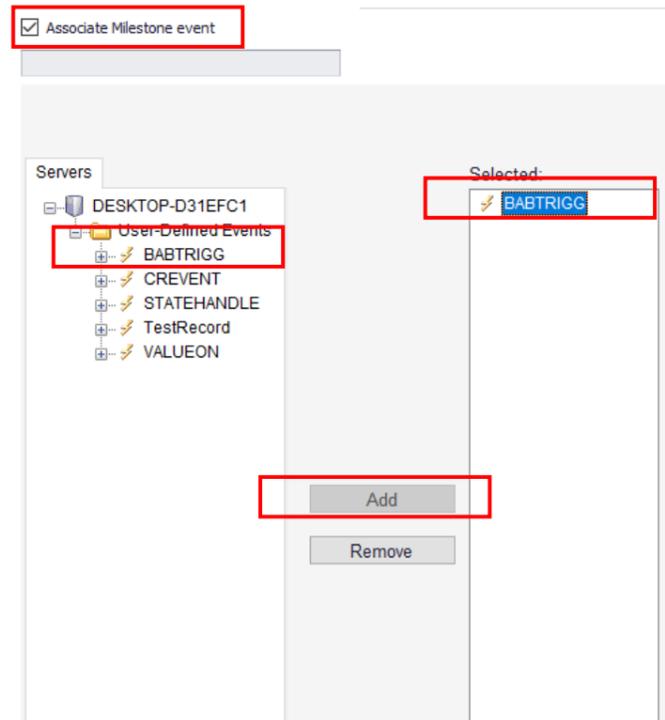
NOTE:

Before any associations are made, ensure a user defined event is created within the Milestone system!!!

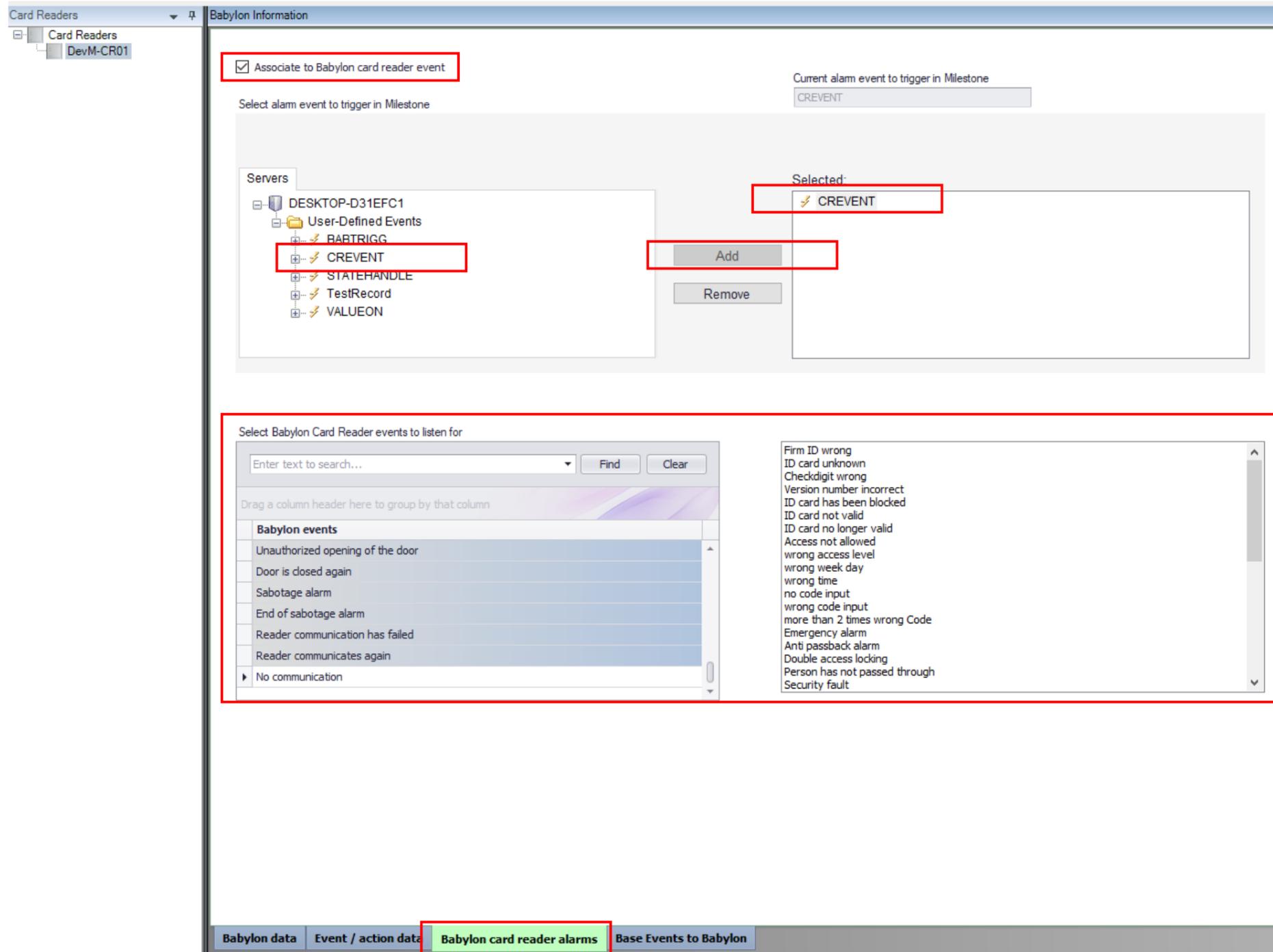
- a. Select the Event / action data tab at the bottom of the window
- b. Ensure Associate camera check box is checked
- c. Select camera required to be associated
- d. Select Add
- e. The added associated camera will be displayed in the Selected pane



- f. Ensure the Associate Milestone event check box is selected
- g. Select the user defined event created
- h. Select Add



7. Adding Babylon Events for card readers i.e., Unauthorized Opening of door, Wrong access level etc.
 - a. Select the Babylon Card Reader Alarms Tab
 - b. Ensure the “Associate to Babylon card reader event” check box is enabled
 - c. Two User defined events are created when the plugin is installed and running, namely “CREVENT” and “BABTRIGG”
 - d. Select an “CREVENT” event to trigger in Milestone used for alarming
 - e. Select Babylon Card reader events to alarm from



8. Adding Milestone base events to send to Babylon i.e., Motion Detected etc.
 - a. Select the Base Events to Babylon Tab
 - b. Ensure the “Send Milestone base events to Babylon” check box is enabled
 - c. Select which base events to send
 - d. Click on “Select to add base events to send to Babylon” button
 - e. To remove selected base events, select which base events to remove and click on “Select to delete base event to send to Babylon” button

Send Milestone base events to Babylon

Drag a column header here to group by that column

<input type="checkbox"/>	Base Event
<input type="checkbox"/>	Ptz Manual Session Started
<input type="checkbox"/>	Ptz Manual Session Stopped
<input type="checkbox"/>	Live Client Feed Requested
<input type="checkbox"/>	Live Client Feed Terminated
<input checked="" type="checkbox"/>	Motion Detected
<input type="checkbox"/>	Motion Stopped
<input type="checkbox"/>	Bookmark Reference Requested
<input type="checkbox"/>	Marked Data Reference Requested
<input type="checkbox"/>	Relative Timer Event
<input type="checkbox"/>	Periodic Timer Event
<input type="checkbox"/>	Recording Started
<input type="checkbox"/>	Recording Stopped
<input type="checkbox"/>	Database being repaired
<input type="checkbox"/>	Running Out of Disk Space
<input type="checkbox"/>	Database Failure: Disk Unavailable
<input type="checkbox"/>	Database Disk Available
<input type="checkbox"/>	Archive Failure: Disk Unavailable

Select to add base events to send to Babylon

Drag a column header here to group by that column

<input type="checkbox"/>	Selected / Current Base Events
<input checked="" type="checkbox"/>	Motion Detected

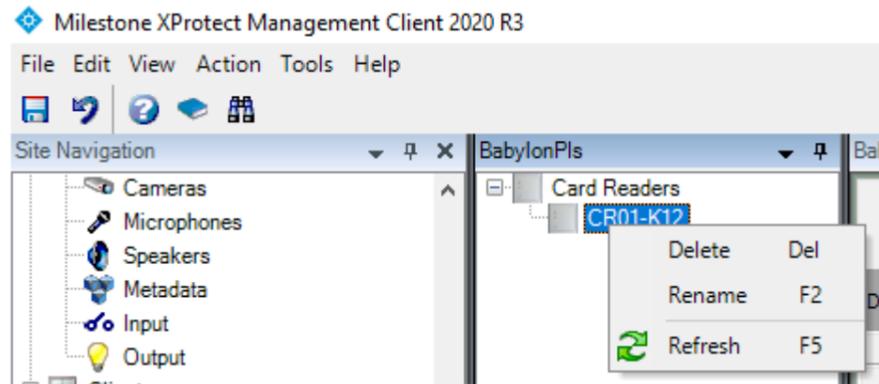
Select to delete base event to send to Babylon

babylon data | Event / action data | Babylon card reader alarms | **Base Events to Babylon**

9. Select save
 - a. The save icon will change to grey on save
 - b. The selected datapoint will be shown in the tree node group
10. Changes to the item / datapoint can be made at any time when selecting the item
11. To delete an item simply right click on the and select Delete

NOTE:

Do not rename the selected item to a non-datapoint name, this will cause improper operation of the plugin!!!



12. User rights group
USING Card Readers as an example

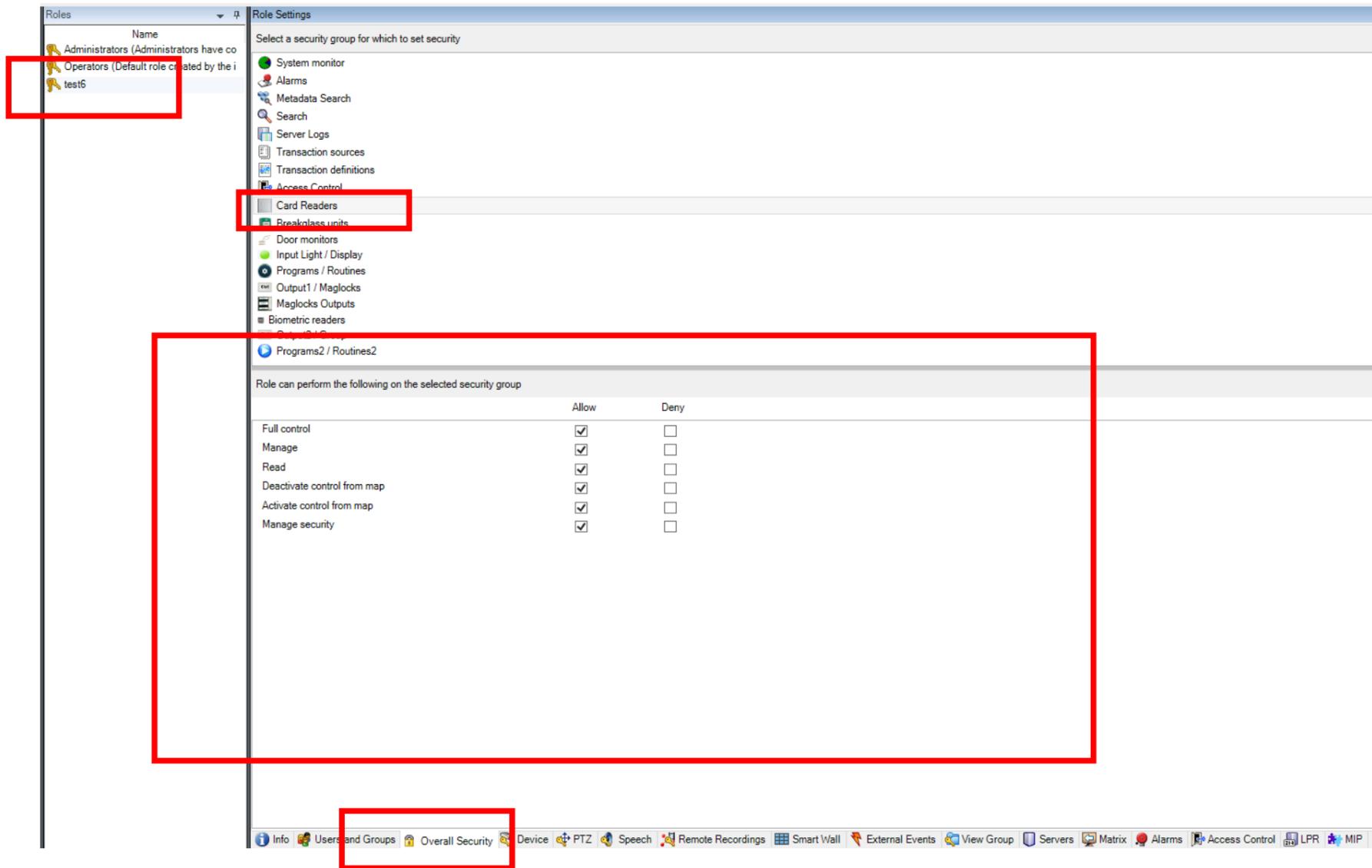
Navigate to Security
Select Roles
Select role to edit

Select Overall Security tab at bottom of window  Overall Security

In the Role Settings pane scroll down to the plug-in group items
Select the item

The rights can be altered here for the complete plug-in group i.e., in this case Card Readers group

 Save the change 



The screenshot shows a software interface with a 'Roles' pane on the left and a 'Role Settings' pane on the right. The 'Roles' pane lists 'Administrators (Administrators have co', 'Operators (Default role created by the i', and 'test6'. The 'Role Settings' pane has a tab labeled 'Overall Security' and a list of security groups. The 'Card Readers' group is selected and highlighted with a red box. Below this, a table shows permissions for the role on the selected security group. The table has columns for 'Allow' and 'Deny'. The permissions listed are: Full control, Manage, Read, Deactivate control from map, Activate control from map, and Manage security. All 'Allow' checkboxes are checked, and all 'Deny' checkboxes are unchecked. A red box highlights the entire table area. At the bottom of the window, a toolbar contains various icons, with the 'Overall Security' icon highlighted by a red box.

	Allow	Deny
Full control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Manage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Read	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deactivate control from map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Activate control from map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Manage security	<input checked="" type="checkbox"/>	<input type="checkbox"/>

13. User rights per item
USING Card Readers as an example

Navigate to Security

Select Roles

Select role to edit

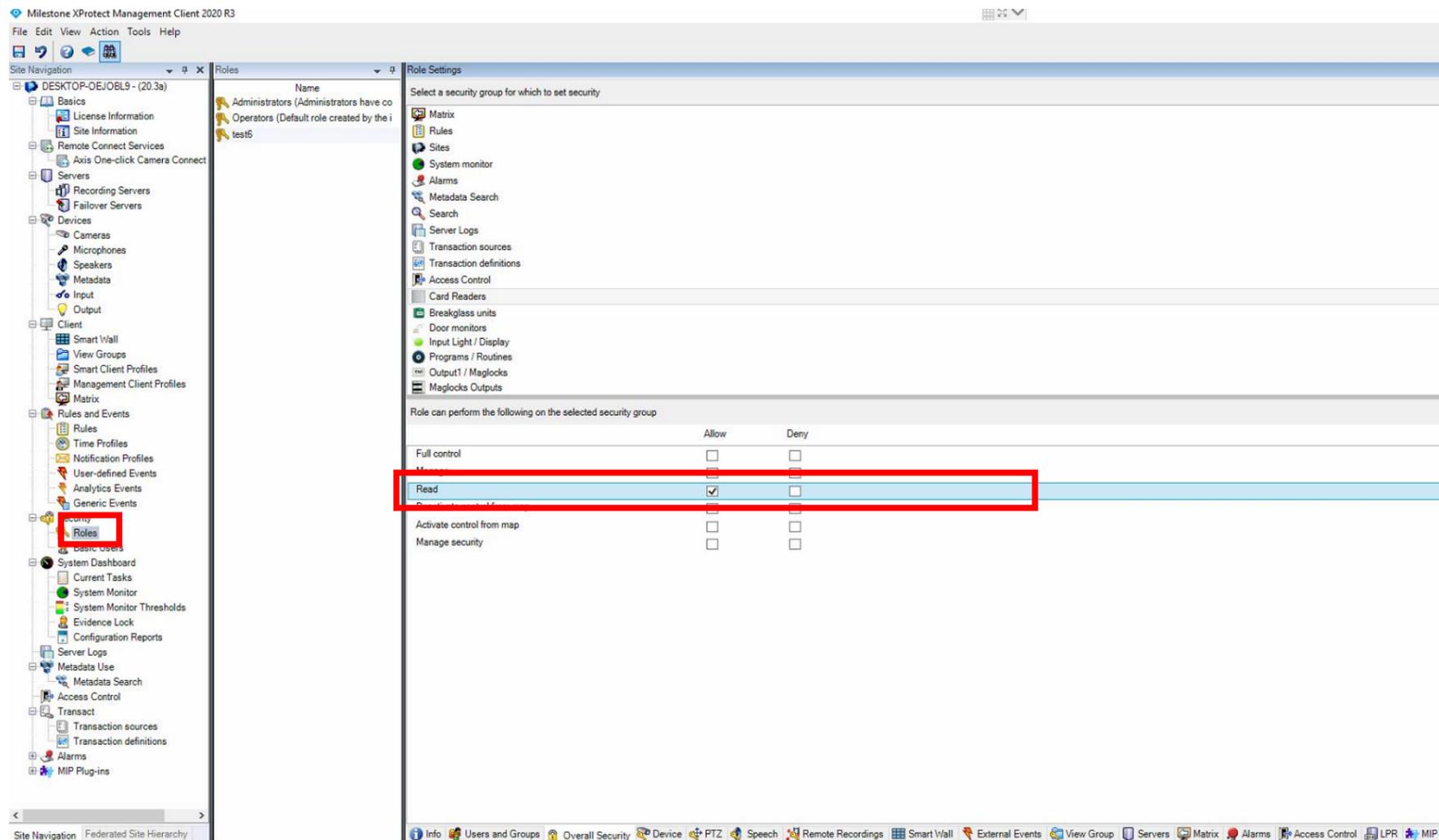
Select Overall Security tab at bottom of window  Overall Security

In the Role Settings pane scroll down to the plug-in group items

Select the item

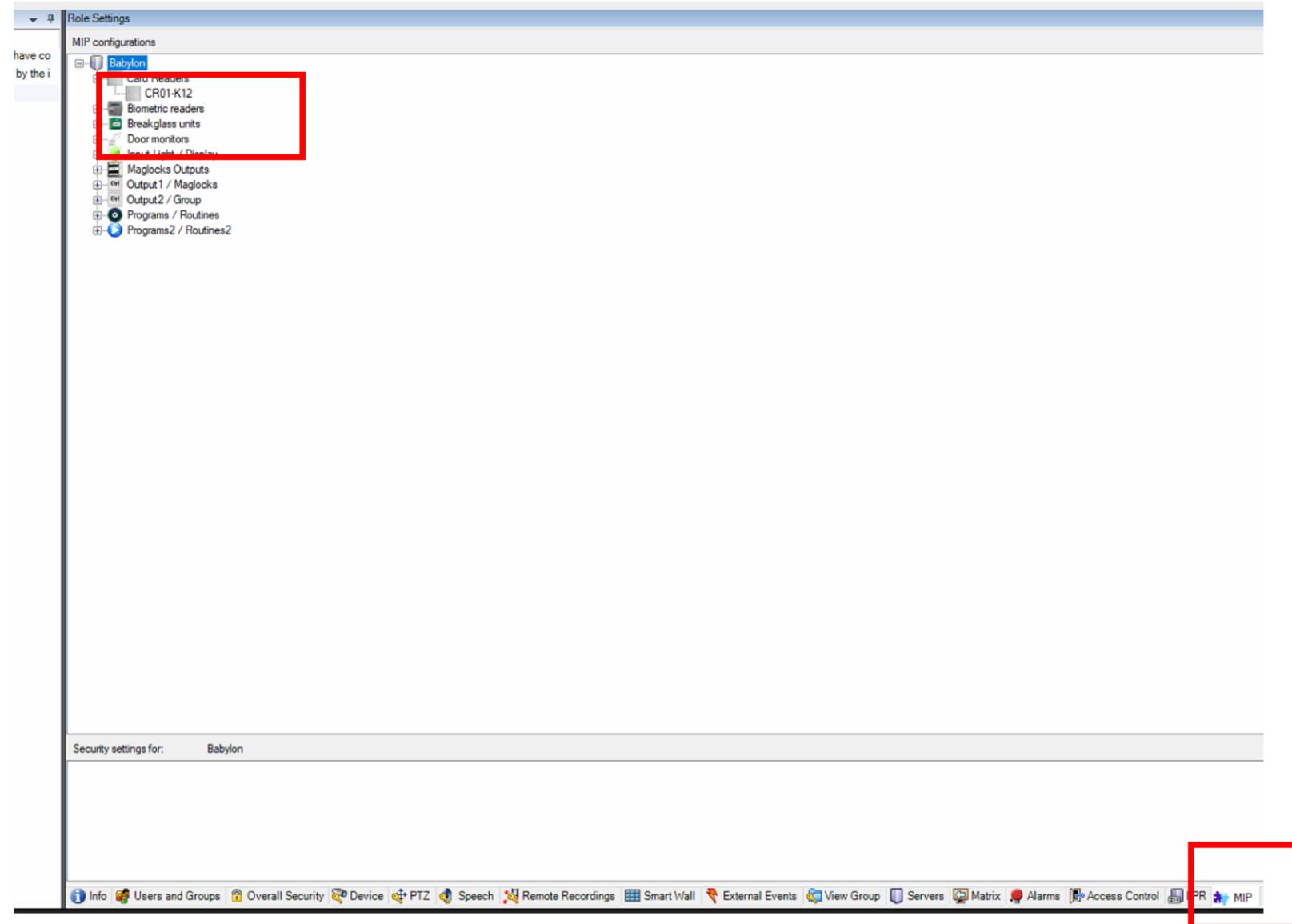
Ensure only the Read option is selected in the Allow check box

Save the change 



Navigate to the MIP  tab at the bottom of the window
Select Babylon to expand the tree view

Select Card Readers to expand the tree view with the items created



Selecting Card Readers will show the Overall Security rights for this group of items

The screenshot displays the 'Role Settings' window. Under the 'MIP configurations' section, a tree view shows the following items: Babylon, Card Readers (highlighted with a red box), CR01-K12, Biometric readers, Breakglass units, Door monitors, Input Light / Display, Maglocks Outputs, Output 1 / Maglocks, Output 2 / Group, Programs / Routines, and Programs2 / Routines2. At the bottom, the 'Security settings for: Babylon' section is also highlighted with a red box, showing the following options: Manage (unchecked), Read (checked), Deactivate control from map (unchecked), and Activate control from map (unchecked).

Selecting the individual item will now allow individual rights for this datapoint to be assigned

The screenshot displays a software interface with a tree view on the left and a settings panel on the right. The tree view is titled "MIP configurations" and contains a folder named "Babylon". Inside "Babylon", there is a sub-folder "Card Readers" which contains an item named "CR01-K12". Other items in the tree include "Biometric readers", "Breakglass units", "Door monitors", "Input Light / Display", "Maglocks Outputs", "Output1 / Maglocks", "Output2 / Group", "Programs / Routines", and "Programs2 / Routines2". The "CR01-K12" item is highlighted with a blue selection bar. The settings panel on the right is titled "Security settings for: CR01-K12" and contains four checkboxes: "Manage" (unchecked), "Read" (checked), "Deactivate control from map" (unchecked), and "Activate control from map" (checked). The "Activate control from map" checkbox is highlighted with a red border.

MIP configurations

- Babylon
 - Card Readers
 - CR01-K12
 - Biometric readers
 - Breakglass units
 - Door monitors
 - Input Light / Display
 - Maglocks Outputs
 - Output1 / Maglocks
 - Output2 / Group
 - Programs / Routines
 - Programs2 / Routines2

Security settings for: CR01-K12

- Manage
- Read
- Deactivate control from map
- Activate control from map

Note:

No save is required

Check if the role is assigned by selecting refresh from the Roles pane and selecting the user role

The screenshot displays the 'Roles' pane on the left, showing a list of roles: 'Administrators (Administrators have co', 'Operators (Default role created by the i', and 'test6'. A context menu is open over 'test6', with options: 'Add Role...', 'Delete Role Del', 'Effective Roles...', 'Rename Role... F2', 'Copy Role...', and 'Refresh F5'. The 'Refresh' option is highlighted with a red box. The 'Role Settings' pane on the right shows 'MIP configurations' under 'Babylon', with a tree view including 'Card Readers', 'CR01-K12', 'Biometric readers', 'Breakglass units', 'Door monitors', 'Input Light / Display', 'Maglocks Outputs', 'Output1 / Maglocks', 'Output2 / Group', 'Programs / Routines', and 'Programs2 / Routines2'. Below the tree, the 'Security settings for: CR01-K12' are listed: 'Manage', 'Read', 'Deactivate control from map', and 'Activate control from map'. The 'Activate control from map' checkbox is checked and highlighted with a red box.

Confirmation of change

IMPORTANT

On completion of setting up all the required datapoints or changing any data i.e., changing icons, context menu actions or associations of cameras etc

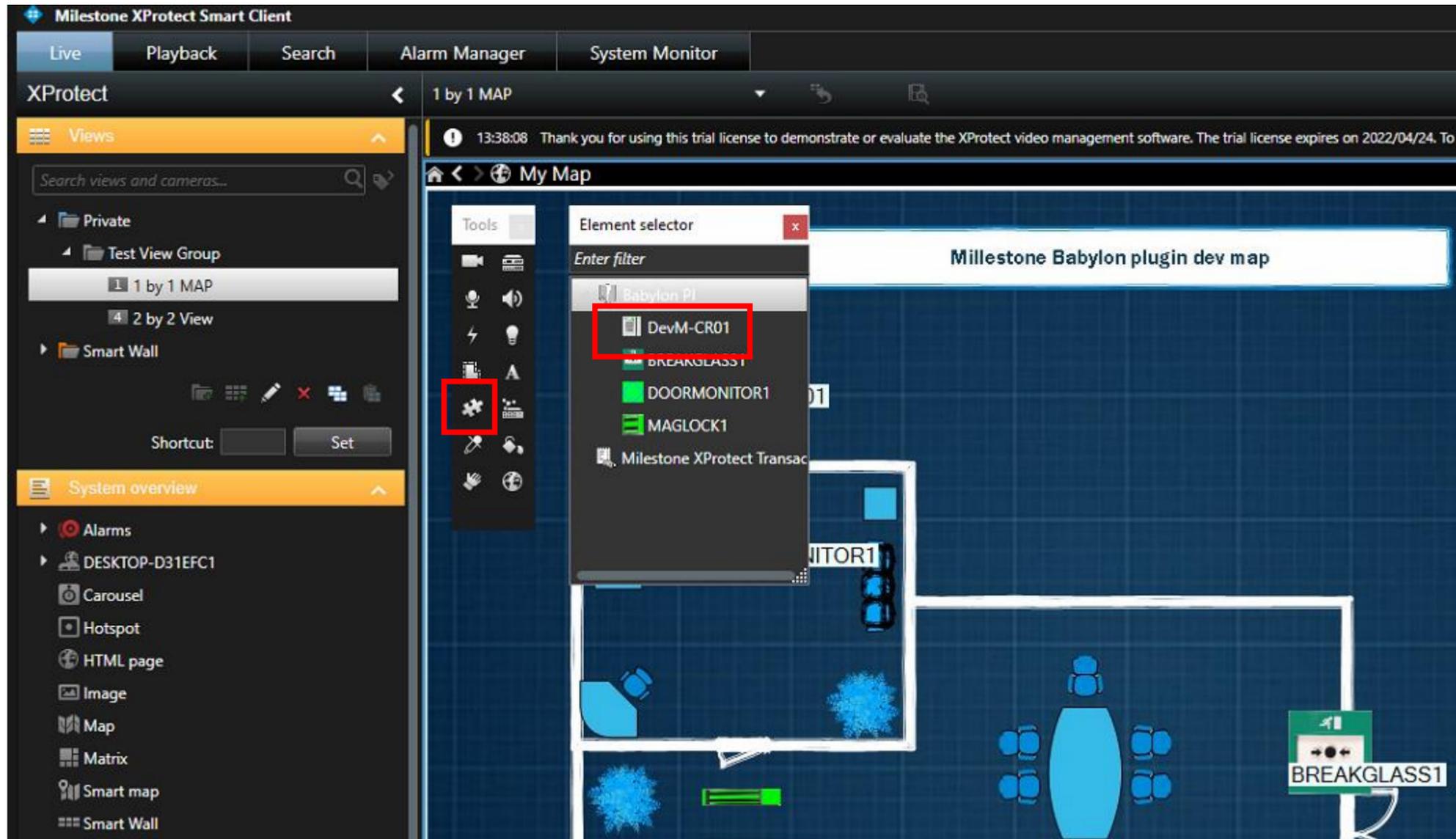
The Milestone Event Server Service and Babylon service need to be restarted!!!!!!!

Smart client Maps

Selecting Setup in the Smart client maps

Select the puzzle icon to show the plug-in entered data

Left click on item and drag the item onto the map and exit Setup



The item is now displayed on the map



Right clicking the item will display the context menu action text defined for the group of items. In this case Block and Unblock



Selecting Block will send an associated value to Babylon and update the state condition on the map (in this example the active state of the card reader attribute SP is “4”)

The screenshot displays the Milestone XProtect Smart Client interface. On the left, a sidebar shows navigation options like 'Views', 'Cameras', and 'Event'. The main area features a map titled 'Milestone Babylon plugin dev map' with several labeled components: 'DevM-CR01' (a card reader), 'DOORMONITOR1', 'MAGLOCK1', and 'BREAKGLASS1'. A red circle highlights the 'DevM-CR01' component on the map.

On the right side, there are two attribute tables. The top table shows metadata for the selected device:

Datapoint	Description	Type	Port	SSSt	Card	Channel
DevM-CR01	DevM-CR01	SY	80	01	1	01:00

Below this is a larger table with columns 'Ncode', 'Attribute', and 'Value':

Ncode	Attribute	Value
0	EN	1
130	ER	147400800
0	ST	1
0	PT	6
0	FO	0
0	SP	4
0	I1	0
0	I2	0
0	I3	0
0	I4	0
0	O1	1
0	O2	0
8	T1	0.0 Seconds
8	T2	0.0 Seconds
8	T3	0.0 Seconds
8	T4	0.0 Seconds
8	P1	2.0 Seconds
8	P2	0.0 Seconds
0	RI	0
0	SB	0
0	OP	0
0	RR	0
0	DA	0
0	DF	0
0	DC	0

At the bottom right, a zoomed-in view of the 'Attribute' and 'Value' columns shows the 'SP' attribute with a value of '4', which is highlighted with a red rectangle.

Selecting Unblock will update Babylon and the map state and vice versa

Any change of the datapoint attribute and defined values within Babylon will update the Milestone Maps (in this example the normal state of the card reader attribute SP is “0”)

The screenshot displays the Milestone XProtect Smart Client interface, divided into two main sections: the Attributes table on the left and the Milestone Babylon plugin dev map on the right.

Attributes Table:

Ncode	Attribute	Value
0	EN	1
130	ER	147400800
0	ST	1
0	PT	6
0	FO	0
0	SP	4
0	I1	0
0	I2	0
0	I3	0
0	I4	0
0	O1	1
0	O2	0
3	T1	0.0 Seconds
3	T2	0.0 Seconds
3	T3	0.0 Seconds
3	T4	0.0 Seconds
3	P1	2.0 Seconds
3	P2	0.0 Seconds
0	RI	0
0	SB	0
0	OP	0
0	RR	0
0	DA	0
0	DF	0
0	DC	0

The 'SP' attribute row is highlighted with a red box, showing a value of '0'. The table also includes columns for Datapoint, Description, Type, Port, SSt, Card, and Channel.

Milestone Babylon plugin dev map:

The map shows a floor plan with several labeled components: 'DevM-CR01' (card reader), 'DOORMONITOR1', 'MAGLOCK1', and 'BREAKGLASS1'. The 'BREAKGLASS1' component is highlighted with a green box, indicating its active state. The map is titled 'Milestone Babylon plugin dev map'.

Smart client Alarms

When alarms are defined within the Milestone System for readers and Rules are correctly setup

The screenshot displays the Milestone XProtect Management Client 2020 R3 interface. The left pane shows a site navigation tree with 'Rules' selected under 'Rules and Events'. The middle pane shows a list of rules, with 'My CREVENT RULE' highlighted. The right pane shows the configuration for this rule:

- Name:** My CREVENT RULE
- Description:** (Empty field)
- Active:**
- Definition:**
 - Perform an action on **Test Record** from **External**
 - start recording **immediately** on **Camera 1** and Set Smart Wall **Wayne Smartwall** monitor **My Monitor** using **current** layout to show **the devices from metadata** starting in position **1**
 - Perform action **10 seconds after** stop recording **immediately** and Remove **Camera Group 1** from Smart Wall **Wayne Smartwall** monitor **My Monitor**

The screenshot displays the Milestone XProtect Management Client 2020 R3 interface. The left sidebar shows a tree view of site components, with 'Alarm Definitions' selected under the 'Alarms' category. The main window is titled 'Alarm Definition Information' and shows the configuration for an alarm named 'Alarm For CREVENT'. A red rectangular box highlights the 'Trigger' section, which includes the following fields:

- Enable:**
- Name:** Alarm For CREVENT
- Instructions:** (empty text area)
- Triggering event:** Babylon Monitor Events
- Access Alarm:** Access Alarm
- Sources:** All Card Readers (with a 'Select...' button)
- Activation period:** Time profile: Always

Below the highlighted section, the 'Map' section is visible, containing an information icon and the text: 'An alarm only appears on the smart map if at least one source of the alarm is a camera.' The 'Alarm manager view' is set to 'Map', and the 'Related map' is 'My Map'. The 'Operator action required' section shows a 'Time limit' of '1 minute' and an 'Events triggered' field with a 'Select...' button. The 'Other' section includes 'Related cameras' (Camera 1), 'Initial alarm owner', 'Initial alarm priority' (1: High), 'Alarm category', 'Events triggered by alarm' (TestRecord), 'Auto-close alarm' (unchecked), and 'Alarm assignable to Administrators' (checked).

Generated Alarms from card readers within the Babylon System will be available in the Smart client Alarm Manager – **Note the same alarm message in the Smart Client Alarm Manager**
(Babylon Generated Alarm)

The screenshot shows the 'W3AQUEUE [1] Local Server (ABC)' window with a menu bar (File, Edit, Data, External programs, Help) and a toolbar. The 'Alarm-queue' tab is active, displaying a table of alarms. A red box highlights the first row of the table. Below the table is a status bar with a dropdown menu showing '0' and a prompt 'Enter selection and press <Enter>'. At the bottom, a summary bar shows: Total number of alarms : 2, Visible alarms : 1, New alarms : 2, Acknowledged alarms : 0, and a timestamp of 2022/02/14 14:19:19.

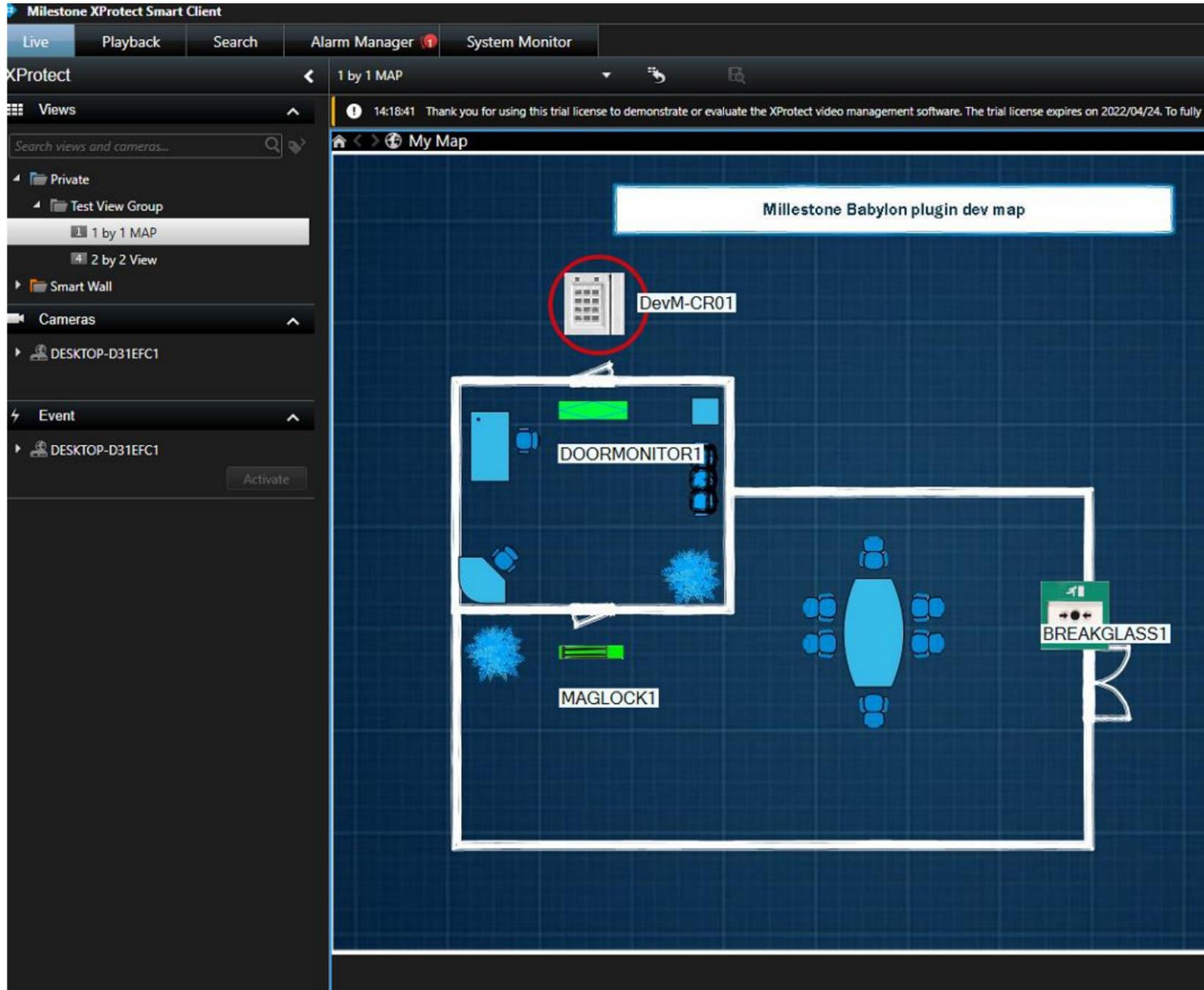
Date / time	Type	Prio	C	Site	Point name	Alarmtext	Point description
2022/02/14 14:18:54	⚠	00		0	DevM-CR01	04003443030070: ID-Card unknown	DevM-CR01

Enter selection and press <Enter>

▼ 0

Total number of alarms : 2 | Visible alarms : 1 | New alarms : 2 | Acknowledged alarms : 0 | 2022/02/14 14:19:19

The Icon on the map changes to red for alarm condition



The Alarm Manager shows the event from Babylon

The screenshot displays the Milestone XProtect Smart Client interface. At the top, the title bar reads "Milestone XProtect Smart Client" and the date/time is "2022/02/14 14:21:55". The main menu includes "Live", "Playback", "Search", "Alarm Manager", and "System Monitor". A notification banner at the top states: "14:18:41 Thank you for using this trial license to demonstrate or evaluate the XProtect video management software. The trial license expires on 2022/04/24. To fully license the product, please contact your reseller or find one on https://www.milestonesys.com." The interface is split into two main sections. On the left, a "My Map" view shows a floor plan titled "Milestone Babylon plugin dev map". A red circle highlights a device icon labeled "DevM-CR01". Below it, a door icon is labeled "DOORMONITOR1". On the right, a camera feed titled "Camera 1 - 2022/02/14 14:20:20.524" shows an interior view of a room with a person sitting at a desk. Below the map and camera, an "Alarms" table is visible, with a red box highlighting the following data row:

Time	Priority Level	State Level	State Name	Message	Source	ID	Tag
14:18:57 2022/02/14	1	1	New	Access Alarm	DevM-CR01	1314	04003443030070: ID-Card unknown

On the left side of the interface, there are "Quick Filters" for "New (1)", "In progress (0)", "On hold (0)", and "Closed (0)". At the bottom left, the "Servers" section lists "DESKTOP-D31EFC1".

Acknowledging the Alarm in Milestone will result in the automatic handling of the alarm within Babylon including the Milestone user details of whom acknowledged the alarm.

The screenshot displays the Milestone XProtect Smart Client interface. At the top, the title bar reads "Milestone XProtect Smart Client" with a timestamp of "2022/02/14 14:24:22". Below the title bar are navigation tabs: "Live", "Playback", "Search", "Alarm Manager" (active), and "System Monitor". A notification banner at the top states: "14:18:41 Thank you for using this trial license to demonstrate or evaluate the XProtect video management software. The trial license expires on 2022/04/24. To fully license the product, please contact your reseller or find one on https://www.milestonesys.com." The main interface is split into two main areas. On the left is a "My Map" titled "Milestone Babylon plugin dev map" showing a floor plan with several labeled devices: "DevM-CR01" (circled in red), "DOORMONITOR1", and "BREAKGLASS1". On the right is a video feed from "Camera 1 - 2022/02/14 14:21:29.272" showing an interior scene with a person. Below the map and video is a table of "Alarms". The table has columns for "Time", "Priority Level", "State Level", "State Name", "Message", "Source", "ID", and "Tag". One alarm is listed: "14:18:57 2022/02/14 1 New Access Alarm DevM-CR01 ID: ID-Card unknown". A context menu is open over this alarm, listing actions: "Acknowledge", "Set on hold", "Close", "Edit", "Disable all new alarms", and "Print". On the left side of the interface, there are "Quick Filters" for "New (1)", "In progress (0)", "On hold (0)", and "Closed (0)", and a "Servers" section listing "DESKTOP-D31EFC1".

Time	Priority Level	State Level	State Name	Message	Source	ID	Tag
14:18:57	2022/02/14	1	New	Access Alarm	DevM-CR01	ID: ID-Card unknown	

W3Log [1] Local Server

2022/02/14 14:25:02 DevM-CR01

"HANDLER " Alarm finished as Real -> Handled from Milestone User -- WayneC
(desktop-d31efc1\waynec)

Alarm Log | Event Log | System Log

Site	Date/Time	Prio	Lat	Point name	Point Description	Alarm Text
0	2022/02/14 14:25:02	0		DevM-CR01	DevM-CR01	"HANDLER " Alarm finished as Real -...
0	2022/02/14 14:18:54	0		DevM-CR01	DevM-CR01	04003443030070: ID-Card unknown
0	2022/02/14 14:18:43	0		DevM-CR01	DevM-CR01	"HANDLER " Alarm finished as Real -...

Milestone Base Events to Babylon

Base events generated within Milestone are also replicated into the Babylon Alarm logs

The screenshot shows a software window titled "W3AQUEUE [1] Local Server (ABC)". The window has a menu bar with "File", "Edit", "Data", "External programs", and "Help". Below the menu bar is a toolbar with various icons including a door, a bell, a notepad, a magnifying glass, a left arrow, a bell with a 'P', a bell with a '+', a calendar, a gear, a printer, and a question mark. The main area of the window is divided into two tabs: "Alarm-queue" (selected) and "Alarm-info". The "Alarm-queue" tab displays a table with the following data:

Date / time	Type	Prio	C	Site	Point name	Alarmtext	Point description
2022/02/14 14:28:49	Warning	99	-?-	0	Motion Detected	Camera 1	Camera 1