



# BOSCH

## MAP 5000 plugin for Milestone

Installation, setup and usage guide



**ORBNET**  
SYSTEMS

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## Prerequisites

### Software

#### Orbnet

- Installation software for MAP 5000 plugin

#### Bosch

- MAP 5000 Panel with OII interface enabled

#### Milestone

- Milestone XProtect version 2014 or later
- Compatible product (see information bellow)

XProtect Corporate	XProtect Expert	XProtect Enterprise	XProtect Professional	XProtect Express	XProtect Essential	Milestone Husky M50*	Milestone Husky M30*	Milestone Husky M10
✓	✓	✓	✓	✓		✓	✓	

### Hardware

- Windows 64 bits
- IP connection between Milestone and MAP 5000 panel

### Licenses and Access Codes

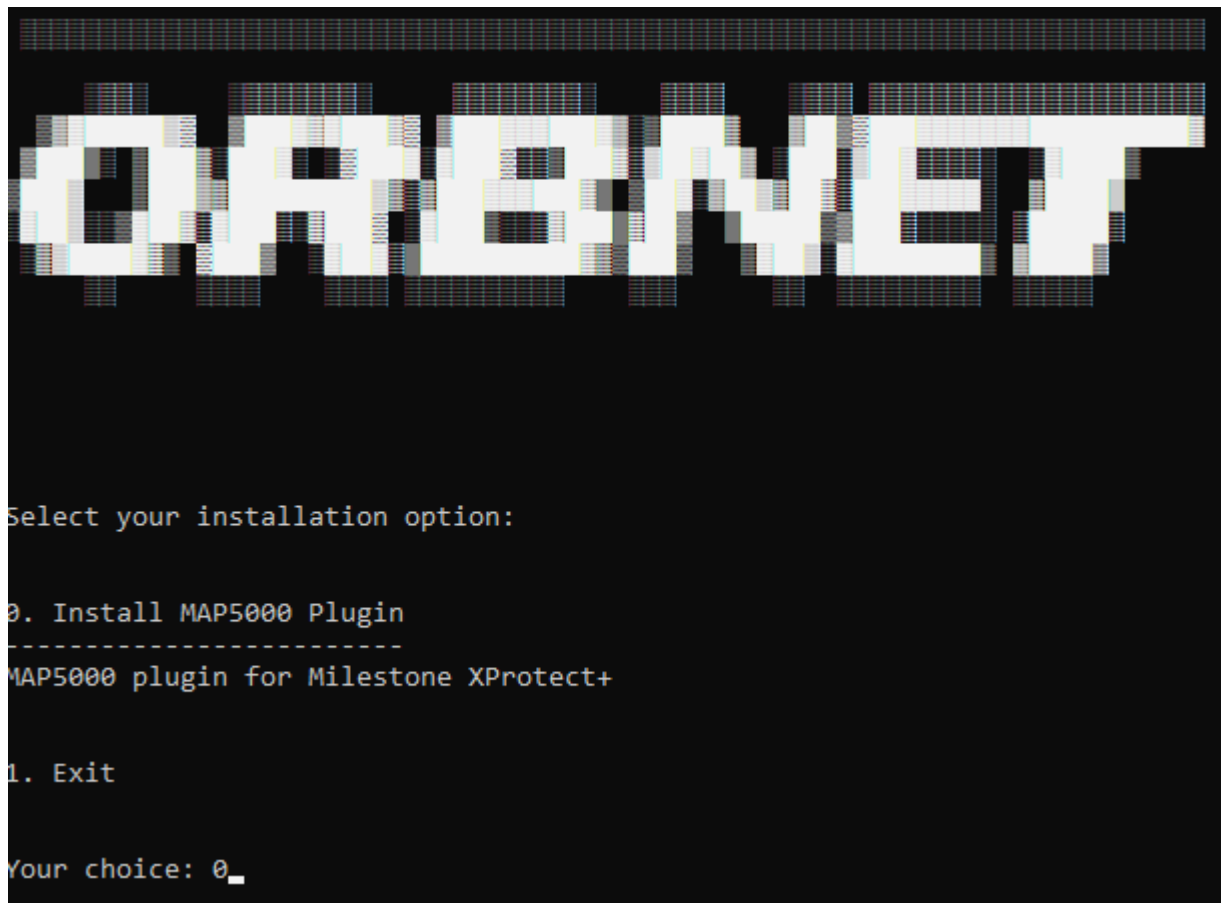
- ORBNET activation license for the MAP 5000 plugin to go beyond 30 days
- Access codes of a Milestone administrator account
- Access codes of a MAP 5000 OII enabled user account

## MAP 5000 plugin installation

Start by running the provided installer “MAP5000Installer.exe” on the server hosting the Milestone Management server.

Select option “0”.

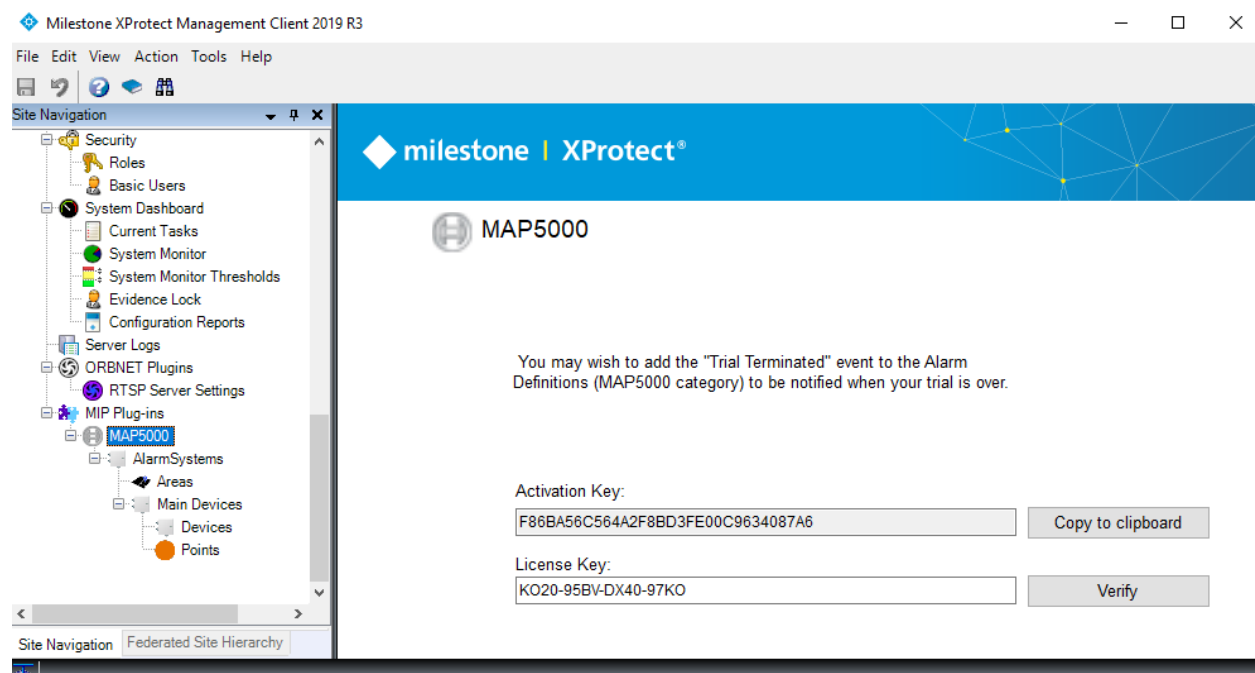
The installer will kill the “Milestone XProtect Event Server” service, copy the files and attempt to restart the service.



## License activation

Activating the license requires a license key that can be obtained from ORBNET SYSTEMS LTD. The license key is generated with the activation key, which is unique to your server or VM, can be found under the MAP5000 MIP Plug-ins node.

To activate the license, open the Management Client “As Administrator”, paste the license key into the License Key field and click “Verify”.



## MAP 5000 plugin configuration

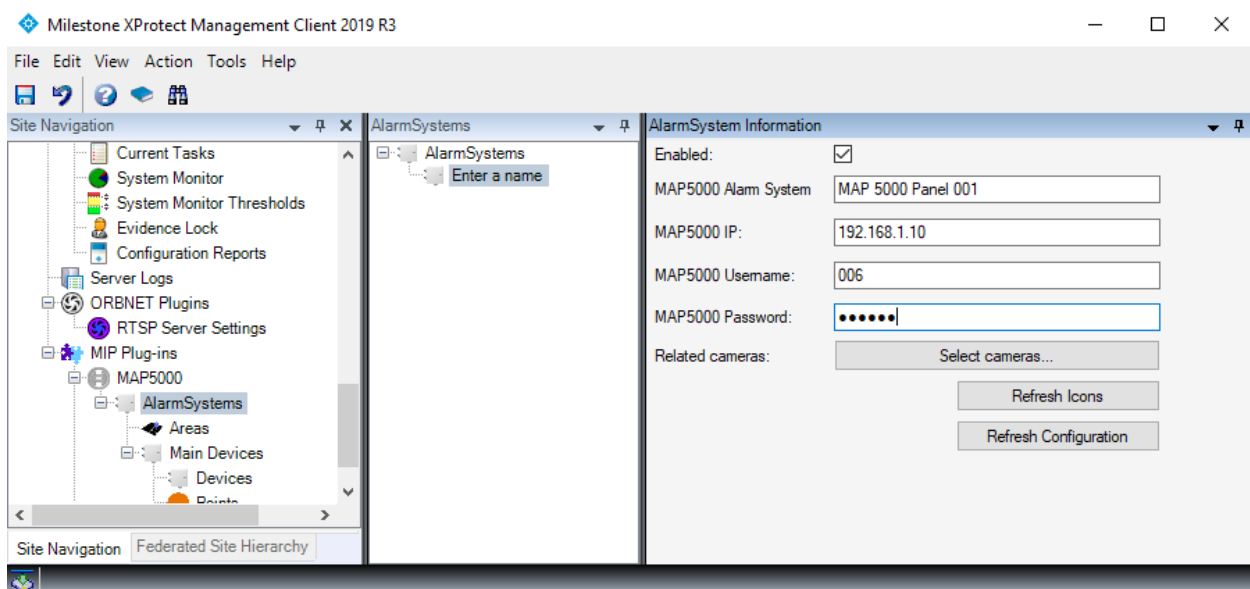
### Alarm systems

Now that the plugin is installed and the licensed, the next step is to synchronize it with the MAP 5000 panel.

Right click on AlarmSystems -> Add New ... (Ctrl+N)

Once the fields have been filled correctly, hit the refresh configuration button and the plugin will automatically retrieve all the items from the alarms system and assign icons to each point according it's type.

The base license is valid for a single Alarm system. The license price is determined by the number of alarm systems to be connected



### MAP5000 Alarm System name

This field lets you decide that name that you give to your alarm system. Useful when multiple alarm systems are added to a single installation.

**MAP5000 IP**

The IP address of the MAP5000 panel. We advise using a static IP.

**MAP5000 Username**

The username of a OII enabled user (3-digit number). Instructions on how to enable a user to use the OII interface are found in "MAPOpenIntrusionInterface\_ApplicationNotes.pdf".

**MAP5000 Password**

The password of the OII enabled user (6-digit number). The OII user can be tested with a web browser by entering the following url: [https://<ip\\_of\\_MAP5000\\_panel>/config](https://<ip_of_MAP5000_panel>/config)

If you get a page showing a large amount of tags and id numbers, then it works.

**Related cameras**

Clicking this will open a dialog box that lets you choose cameras to be linked to the alarm panel. In the event of an incident related to the panel (see section on events/alarm), these cameras will be show up with the alarm. Cameras can also be selected for each individual point.

**Refresh Icons**

This will reset all point item icons to their default icons according to their type.

**Refresh Configuration**

Refreshing the configuration is required every time modifications are done on the MAP5000 panel. The configuration tool will check for new, modified and deleted items and keep the same settings and icons for items that have the same ids.



## Areas

The Areas sub-section provides information on the selected area, a dialog to modify the user rights for each of the areas commands, and some testing buttons.

### A. Area name

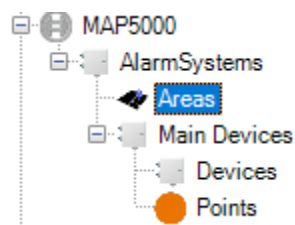
The name of the area.

### B. SSID

The unique SSID that belongs to this area.

### C. Parent

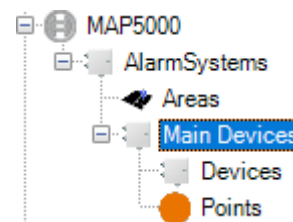
The parent alarm system name of this item



## Main devices

The Main devices section provides information on selected main devices and allows instructions to be entered for each type of alarm that can happen on a main device. These instructions will show up when double clicking on an alarm in Milestone's Smart Client.

Cameras can be selected to be displayed in case of an alarm and commands are available to enable/disable or activate/deactivate the main device. These commands only work on devices like the touchscreens that can accept on/off commands.

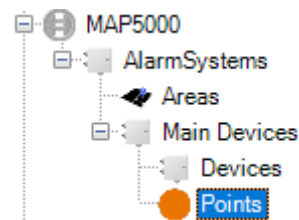


## Points

The points section provides information on selected points, a button to choose an icon that will be displayed on the alarm maps and allows instructions to be entered for each type of alarm that can happen on a point. These instructions will show up when double clicking on an alarm in Milestone's Smart Client.

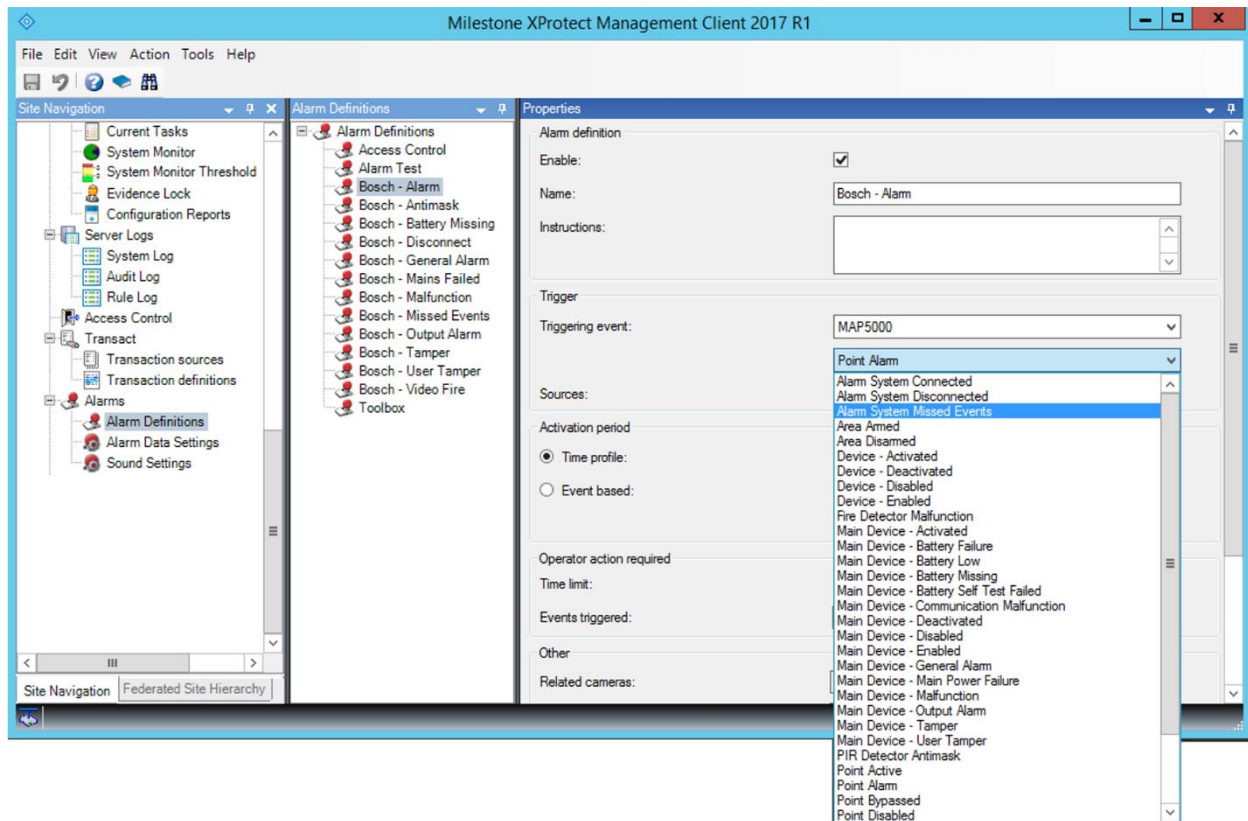
Cameras can be selected to be displayed in case of an alarm and commands are available to enable/disable or activate/deactivate the point/output.

If multiple alarm systems are connected, the devices will stack as shown above. Best practice is to name the important devices such as LSN gateways and O/I modules in alphanumeric order in so that they can easily be found among the others.



## Alarm definitions

Due to the large amount of possible alarms and the possibility to add instructions to each alarm type, an alarm definition must be created for each kind of alarm. You can also exclude some items by only selecting the items you want.



The Missed Events alarm will be triggered if the plugin has detected that a message/incident from the MAP5000 panel has been skipped. This can happen if the Event Server is swamped or if an excessive number of packets are being sent from the MAP5000 alarm system.



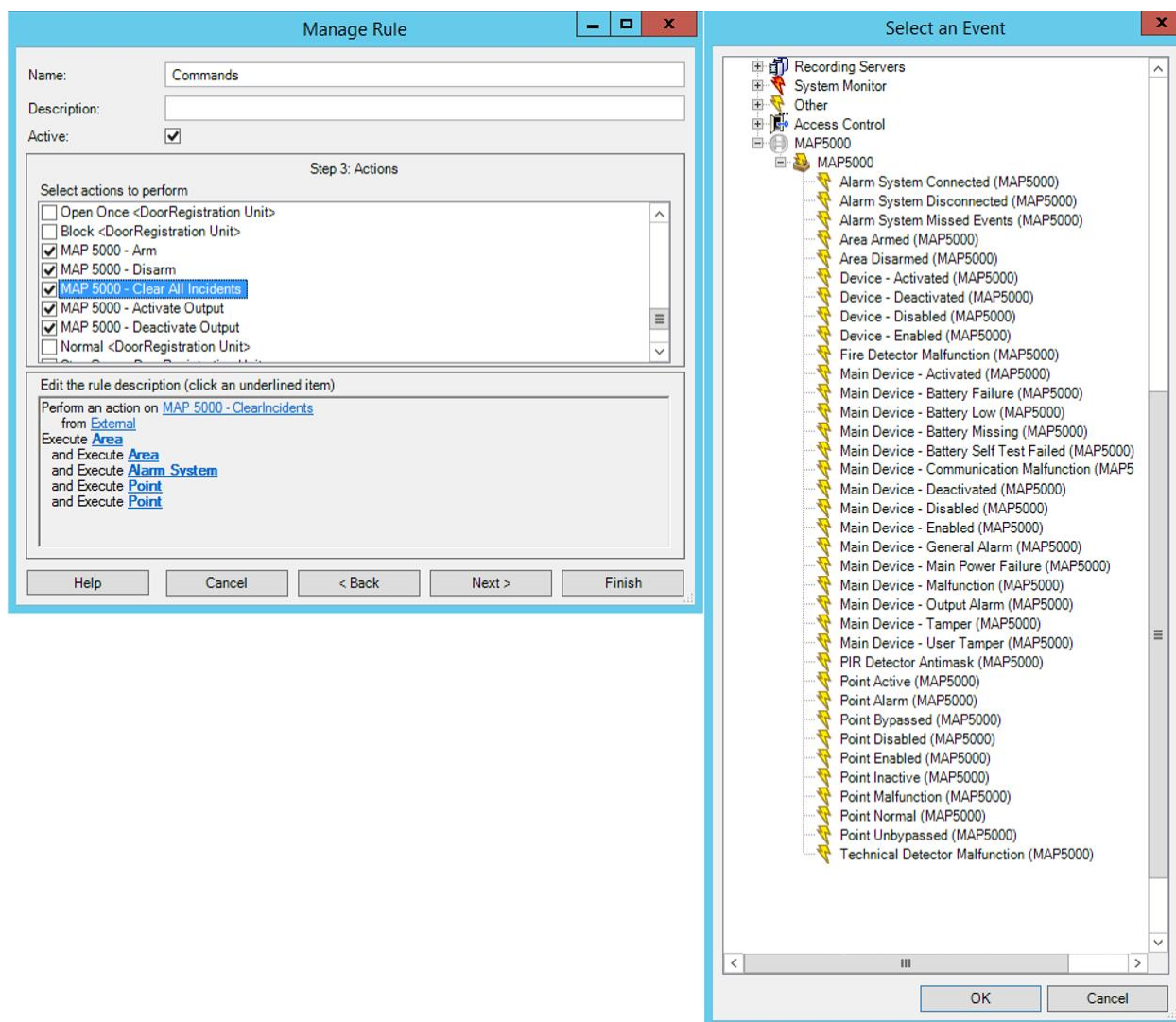
## Roles

If using any account that is not part of Milestone Administrators Role, the “Read” and “Manage” checkboxes must be checked in order for the corresponding items to be respectively visible and triggerable. If one would like to have a particular point be visible for a specific user, that point and all of its parent items must be checked.

## Rules

Custom rules can be configured (XProtect Corporate) to trigger some commands directly on the MAP5000 panel. Events from the MAP5000 panel can also be used to trigger events and send emails.

Here are the currently supported commands and usable events:



## Smart Client

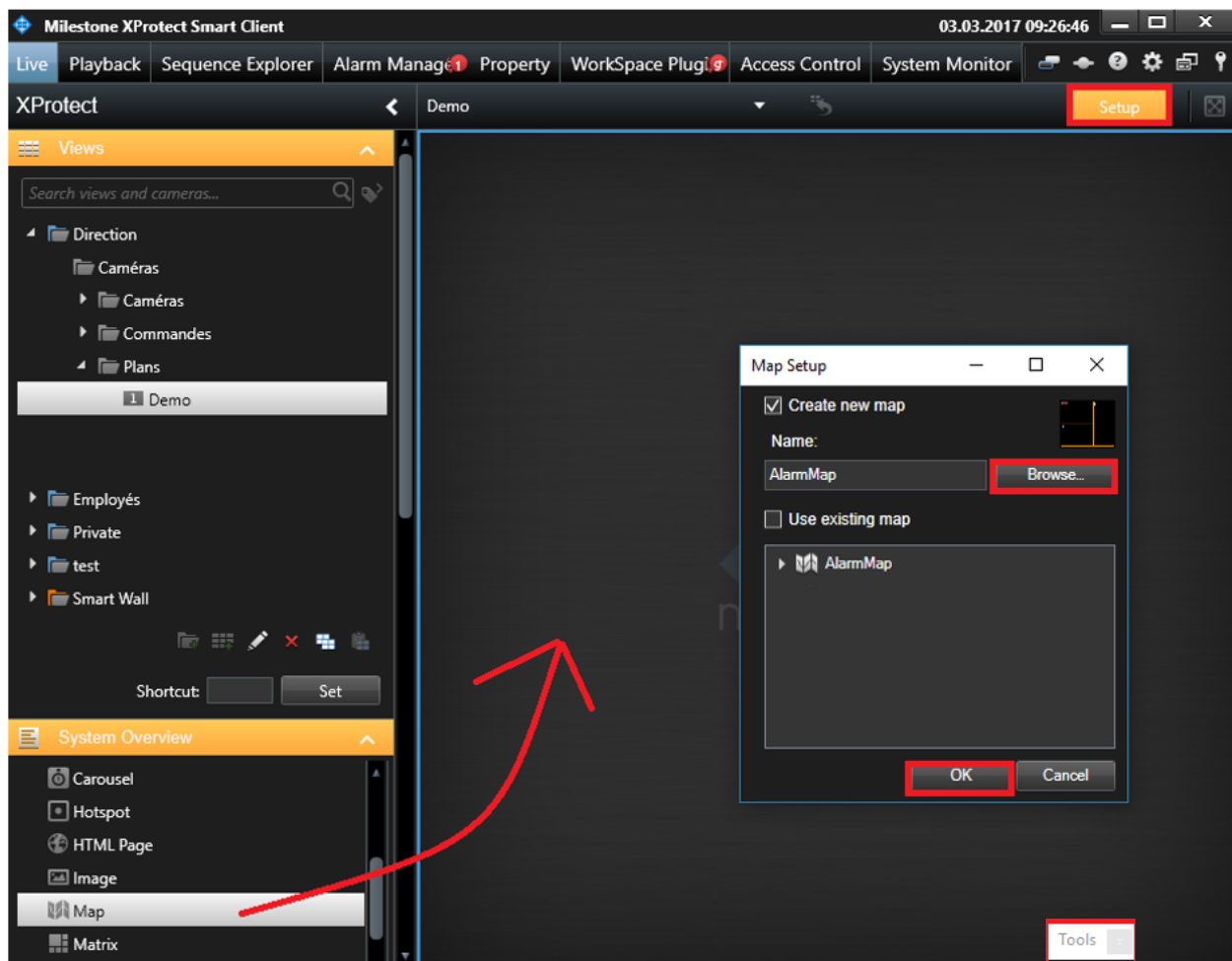
### Configuration

Start by adding a Map into a Smart Client view.

-Go in Setup mode and create a new View.

-Drag & Drop the “Map” item from the System Overview panel into the new View you have created.

-Select an image that you want to use as a Map.



Once you have a map created, you can start adding the MAP5000 items to the map by opening the toolbox, clicking the MIP plugins icon and drag & dropping the desired elements onto the map.

## Color code and icons

The MAP5000 items on the map are dynamic and intractable. A variety of commands and visual information is available to supervise the system.



## All alarm point icons



## Area commands

Areas from the MAP5000 panel have 4 commands and status details.

### Silence

Will cut the siren(s) related to this area in case of alarm.

### Arm

Arms the selected area, if no incidents or active points.

### Disarm

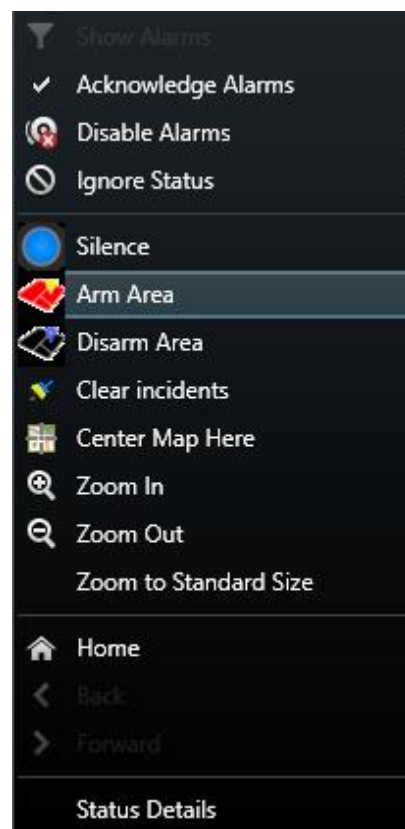
Disarm the selected area, if allowed.

### Clear incidents

Clears all incidents related to selected zone.

### Status Details

Information on all points and incidents related to that area



Totem Exposition			X
Name	Value	Unit	
Incidents:			
Alarm.Intrusion.Hold-up	triggeredBy: Poussoir Agression		
Alarm.Intrusion.General	triggeredBy: CM Porte entrÃ©e		
Points:			
IR entrÃ©e	Inactive		
IR Coffre	Inactive		
[Autosur. 2]	Inactive		
DÃ©tecteur FEU	Inactive		
Poussoir Agression	Alarm, Inactive		
CM Porte entrÃ©e	Alarm, Active		

## Point commands

Points from the MAP5000 panel have 5 commands and status details.

### Silence

Will cut the siren(s) related to this point in case of alarm.

### Bypass

Bypasses the point if allowed. The alarm system will no longer consider the state changes of this point. Useful for arming an area that has a faulty detector.

### Unbypass

If allowed, the points mode is returned to normal.

### Activate output

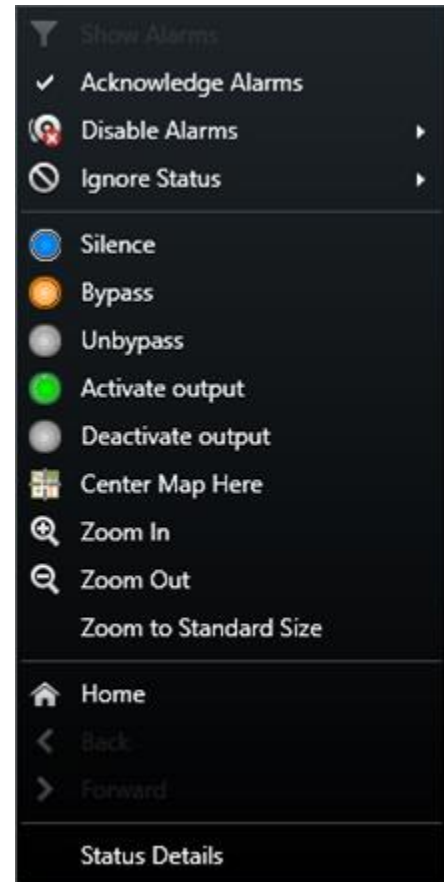
Activates the output (point must be of type "Output").

### Deactivate output

Deactivates the output (point must be of type "Output").

### Status Details

Information on the point showing which area it is related to, which alarm system it is related to and what state it is in.



IR			X
Name	Value	Unit	
Alarm System Name:	MAP 5000		
Area Name:	[zone de centrale]		
Alarm System state	Ok		
Point state	Inactive		