

Integration with Milestone XProtect

The integration will consist of 2 main parts:

1. Enabling Access to the Signatrix Dashboard and configuration tools via XProtect
2. Triggering of alarms from Signatrix products in XProtect via the alarm system

This document only explains the steps necessary for the integration. The configuration of Signatrix solutions is explained elsewhere

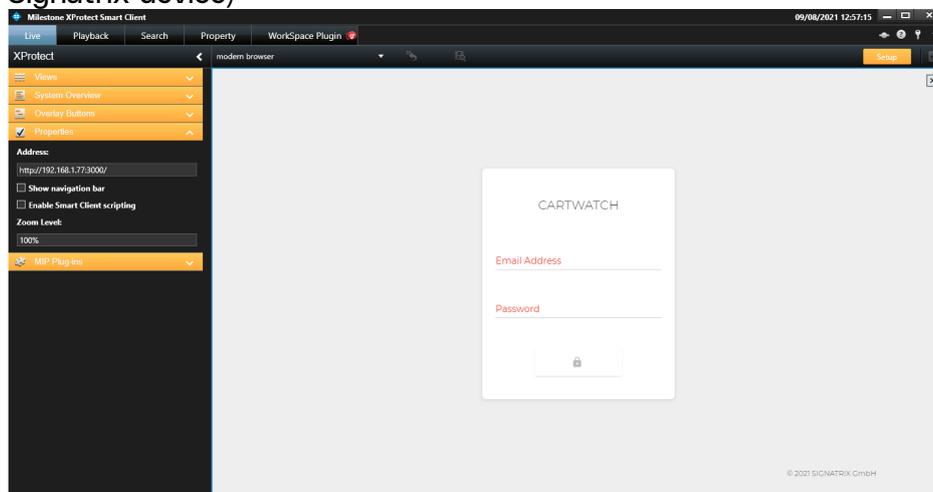
Assumptions

- There is a server machine running the XProtect Client
- There is an IoT device running Signatrix software
- There is at least one camera configured in XProtect that sends an input stream to the Signatrix solution
- All of these devices are connected to the same Ethernet network or have some other means of communicating via a network

Enabling access to the Signatrix Dashboard

Disclaimer: The XProtect html viewer does not natively allow the use of http sources. Therefore a more powerful browser is needed to access the Dashboard. For testing purposes we used [Modern Browser Plugin v1.0.1](#). It can be replaced with any other plugin that is able to display local http websites.

1. Open XProtect in setup mode and go to *Preferences*
2. Add a new *Modern Browser* component
3. Open the *Properties* section and set the address to the Signatrix dashboard in your local network(In most cases this will be the ip-address of the Signatrix device)

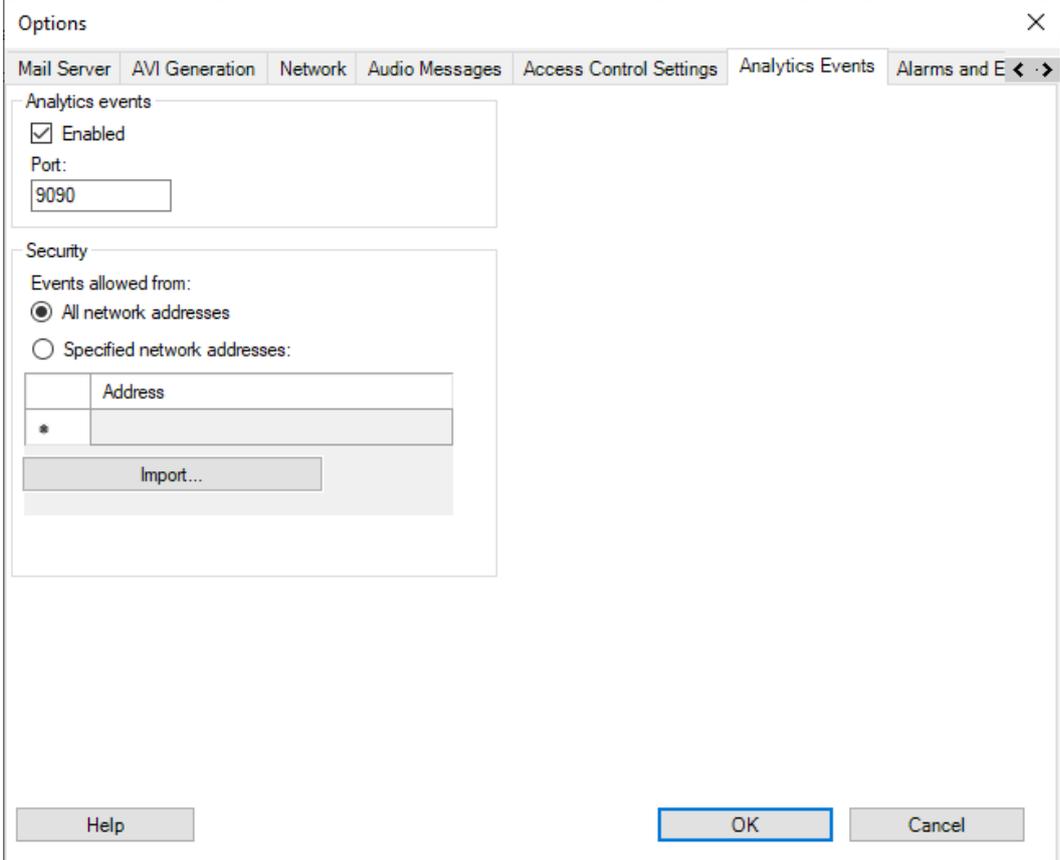


Example view of what you should see

4. Obtain the access credentials to the dashboard from your Signatrix contact person
5. Once you have dashboard access you can access the internal configuration for the Signatrix device from XProtect

Configuring Signatrix solutions to send alarms to XProtect

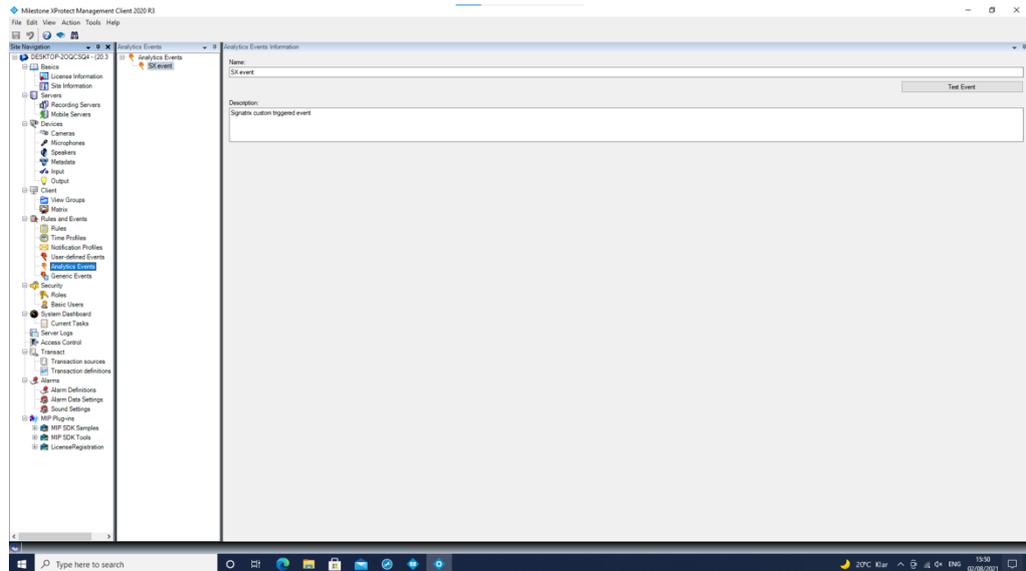
1. Open the XProtect configuration client
 - a. Navigate to Options -> Analytic Events and enable them



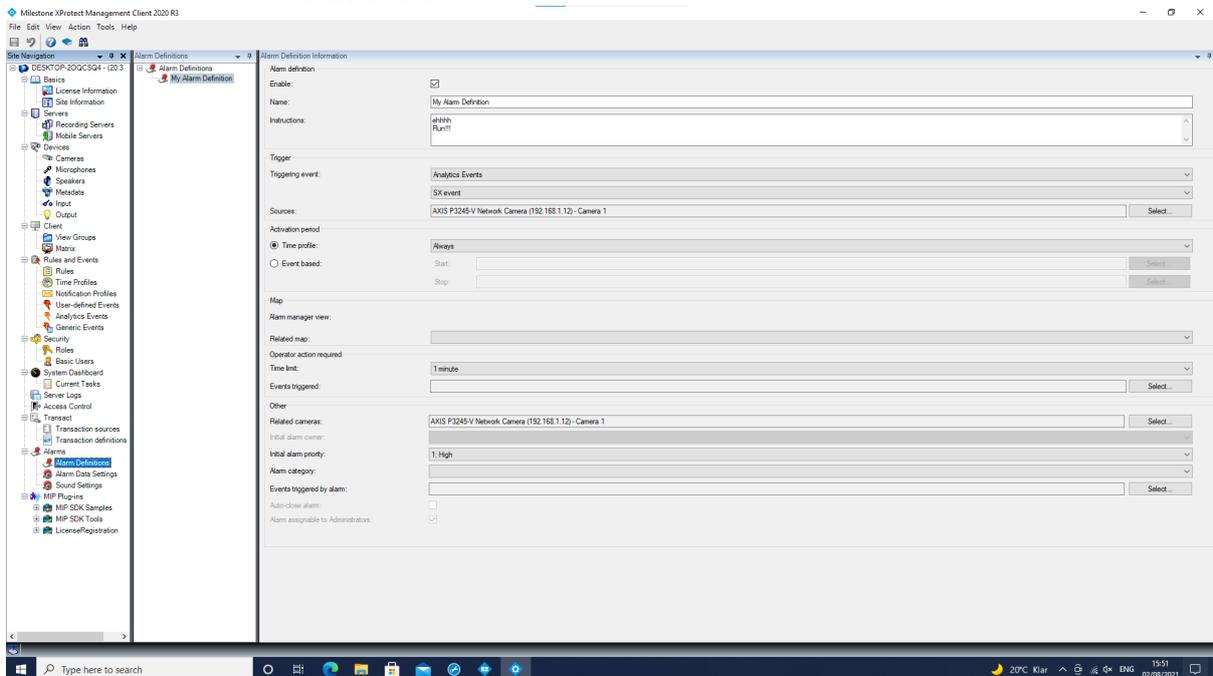
The screenshot shows the 'Options' dialog box in the XProtect configuration client, with the 'Analytics Events' tab selected. The 'Analytics events' section is expanded, showing a checked 'Enabled' checkbox and a 'Port' field set to '9090'. The 'Security' section is also expanded, showing 'Events allowed from:' with 'All network addresses' selected. Below this, there is a table for 'Specified network addresses' with one row containing an asterisk (*). An 'Import...' button is located below the table. At the bottom of the dialog are 'Help', 'OK', and 'Cancel' buttons.

Address
*

- b. By default events will be enabled in Port 9090 and all network interfaces.
 - i. Please note the port. It will be required later on.
 - ii. If you limit access to network interfaces, make sure there is at least one, that can be accessed from the Signatrix device.
2. Go to Rules and Events -> Analytics Events and
 - a. define a new event
 - b. note the name of the event
3. Go to Alarms -> Alarms definitions and create a new definition:
 - a. Triggering event: Select the event defined in step 2
 - b. Source: Select the camera being used as an input stream for the Signatrix solution

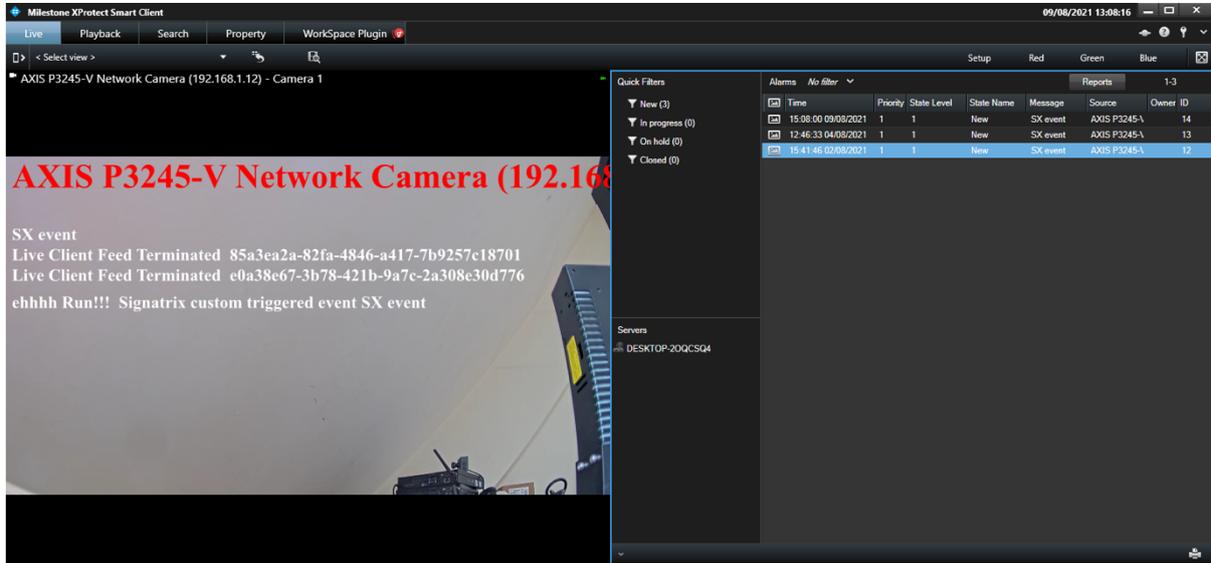


4. Go to the browser view through which you access the Signatrix Dashboard
 - a. Log in as an administrator
 - b. Navigate to 'Profile'
 - c. Scroll to the section 'Milestone alarm'
 - d. Fill the form using:
 - i. The name defined in Step 2 as the *Analytics Event Name*.
 - ii. <http://ip:port> as the *Analytics Event Endpoint*
 1. ip is the address of the server running XProtect
 2. port is the Port configured in Step 1.b
 - iii. The ip-address of the camera selected in 3.b as the *Camera IP*



The Signatrix solution is now integrated into XProtect. Whenever the Signatrix solution detects an incident it will trigger an alarm in XProtect using the settings defined in 4.2.

You can test the alarm function by using the test button from the Signatrix Dashboard Control Center.



Example Event Trigger