

# PJH Heat Hawk

Documentation



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# Overview

PJH Heat Hawk is a Milestone XProtect VMS plugin that allows you to integrate XProtect with compatible Fire Panels. The plugin monitors Fire Sensors, Panels and connected Equipment, allowing users to automate their safety and security procedures using the Milestone XProtect Rule Engine.

## Features

- Monitor Fire Alarms and Alerts
- See a comprehensive summary of the fire system
- Map Cameras to Sensors
- Full Rule Engine Integration. Automate the system.
- XProtect Mobile App Support
- Easy Installation

# Licensing

The perpetual license purchased on PJHTechnologies.com allows the user to use the software indefinitely, but support and updates are only available for 1 year from the day of purchase. After that, a license renewal is required to continue receiving support and updates. The license packs are counted per Fire Panel.

# Requirements

- Surveillance system that uses XProtect VMS system.
- XProtect Smart Client 2023 R2 or newer
- A Fire Panel that is compatible with a
  - Fieldserver; or
  - Modbus Interface; or
  - BACnet Interface.

# Installation

## Hardware

You will need a working Fire Panel that is set up and working. To enable Milestone XProtect integration, you must connect the Fire Panel (via a Fieldserver/Modbus/BACnet Interface) to the same network as the Milestone XProtect Management Server

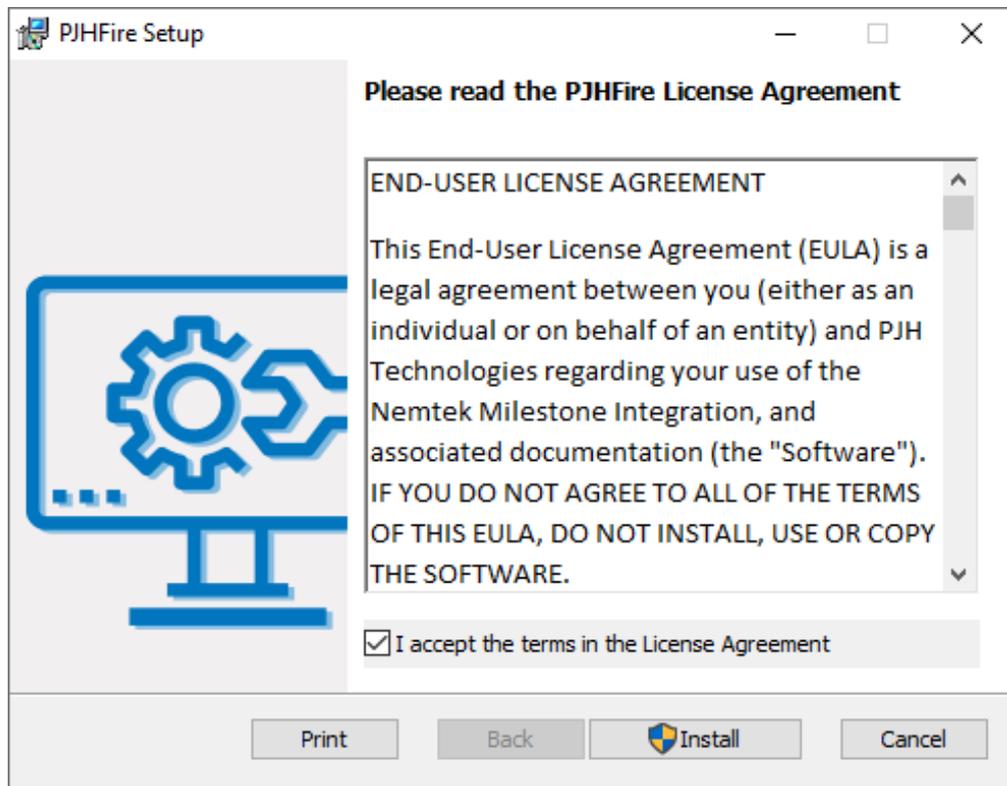
For Ziton Fire Panels, please ensure that **PORT 502 is open** on your network and firewall. This is the port that the Milestone XProtect integration on Windows uses to connect to the Firepanel interface.

## Software

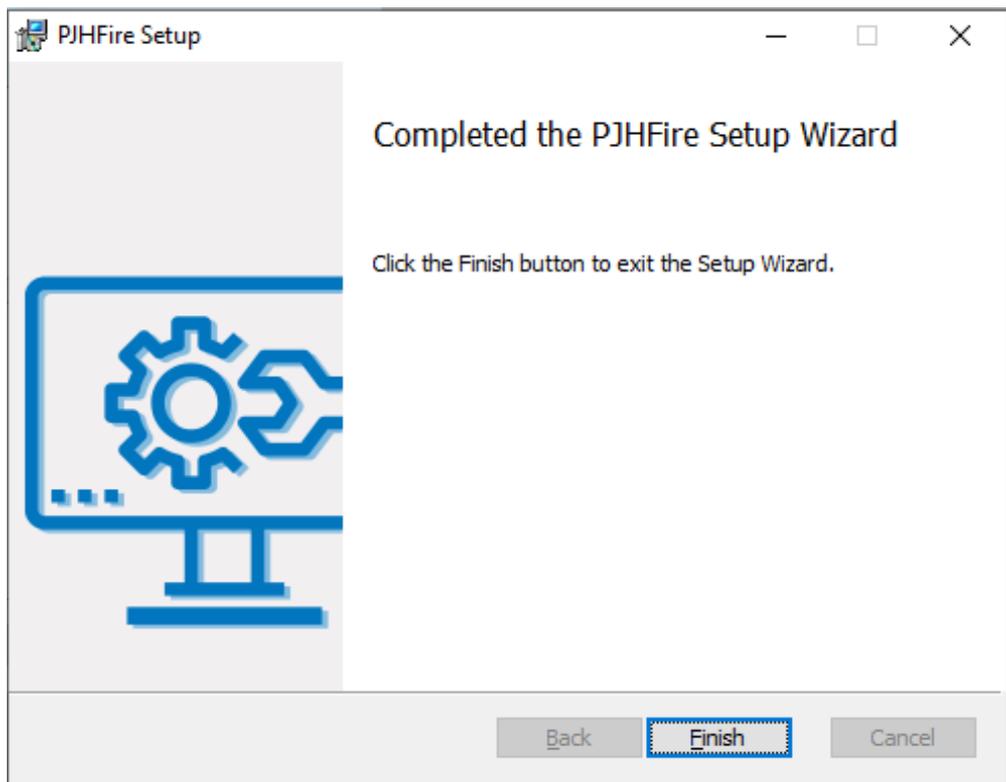
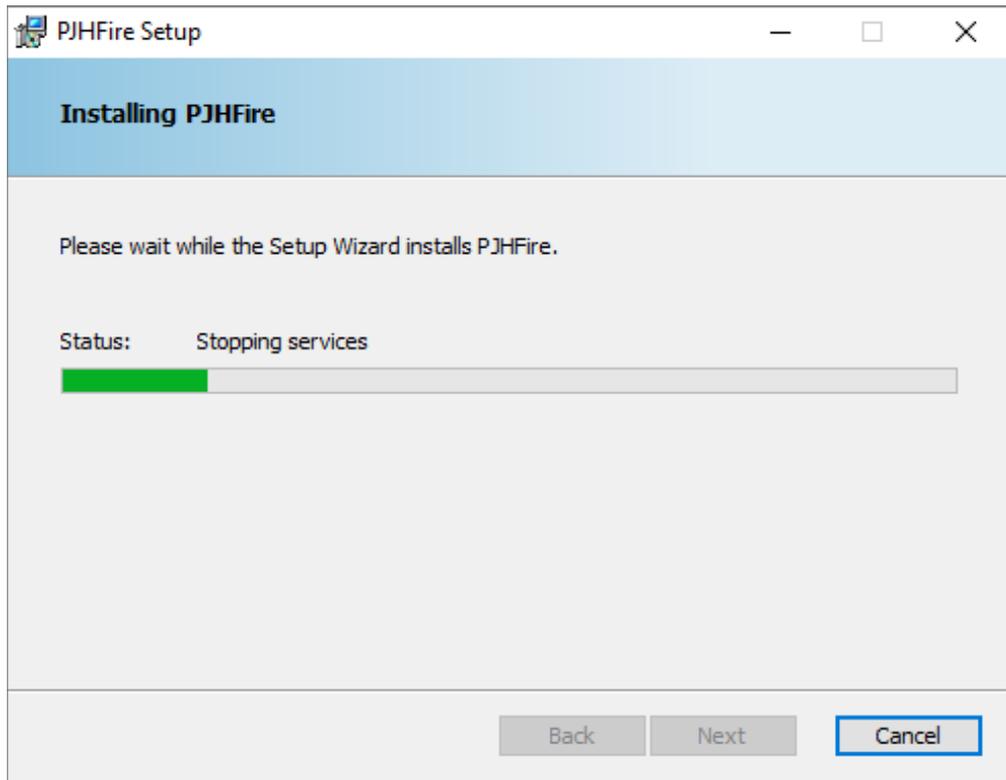
On your XProtect Event Server, run the HeatHawk Event Server Integration installer, as obtained on the PJH Technologies Licensing Portal: [https://pjhtechnologies.com/licensing\\_portal/](https://pjhtechnologies.com/licensing_portal/)



The installation is simple, and once it is done, the XProtect Event Server will restart and be ready to use.



*Figure 1: Accept the Terms of the License Agreement to proceed*



*Figure 2: Let the Installer finish, and the integration is ready to use*

# Milestone XProtect Setup



In order to use this integration, you must install the Heat Hawk Client Integration Installer on your XProtect Management Server and XProtect Smart Client Device, as obtained on the PJH Technologies Licensing Portal: [https://pjhtechnologies.com/licensing\\_portal/](https://pjhtechnologies.com/licensing_portal/)

The installation is simple and identical to the Event Server installation above.

After installation, you must enable the license and set up the Fire Panel in the Milestone XProtect Management Client.

You can also use CSV Export and Import functionality, via the XProtect Management Client.

# Enable License

In order to use the integration, you must enable a license by going to the Milestone XProtect Management Client, navigating to Heat Hawk under MIP Plug-ins, and following the instructions for Automatic or Manual Licensing.

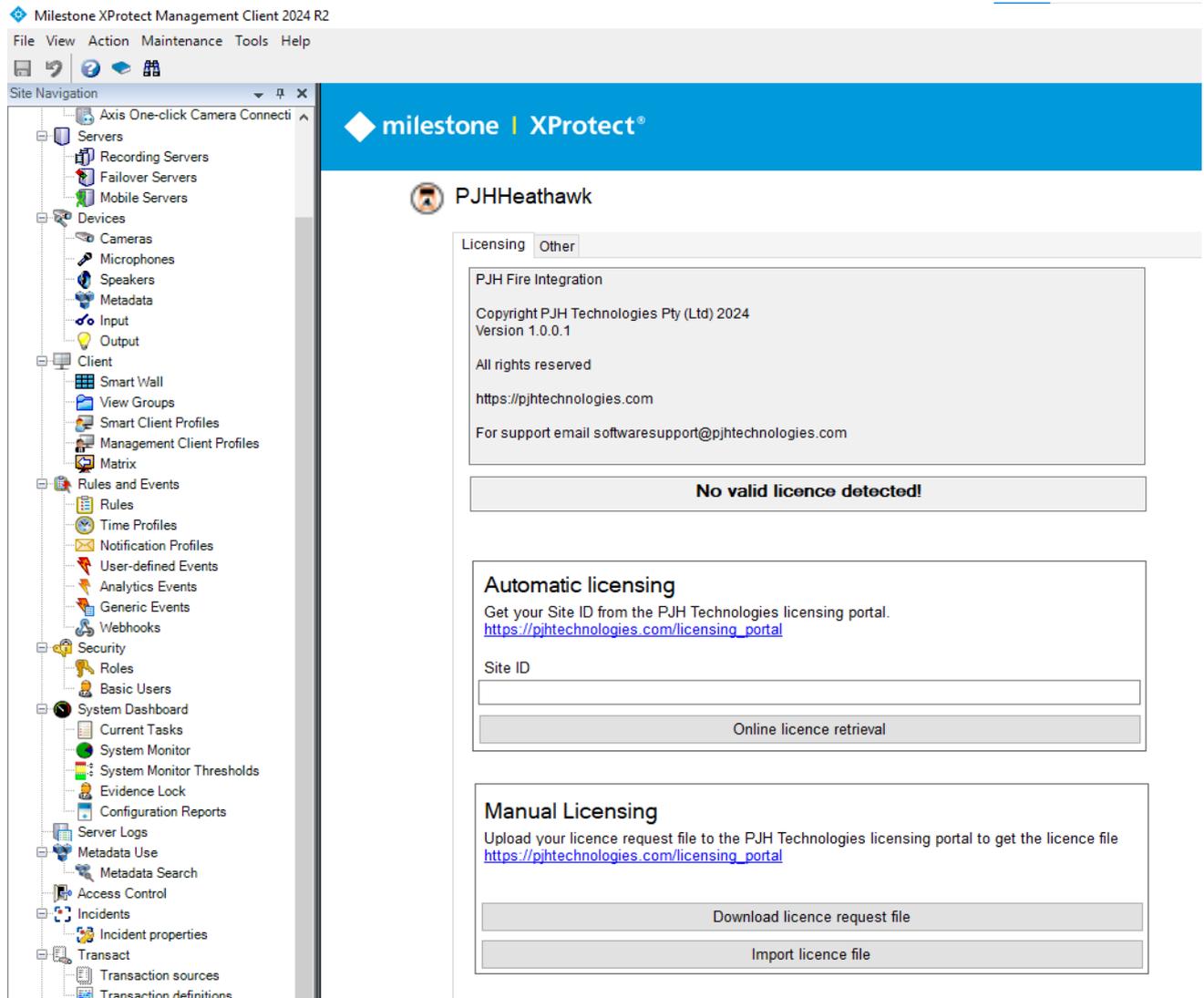


Figure 3: You can obtain a trial license from the PJH Licensing Portal linked on this page.

# Add Panel

The first device you must add is the Fire Panel Interface.

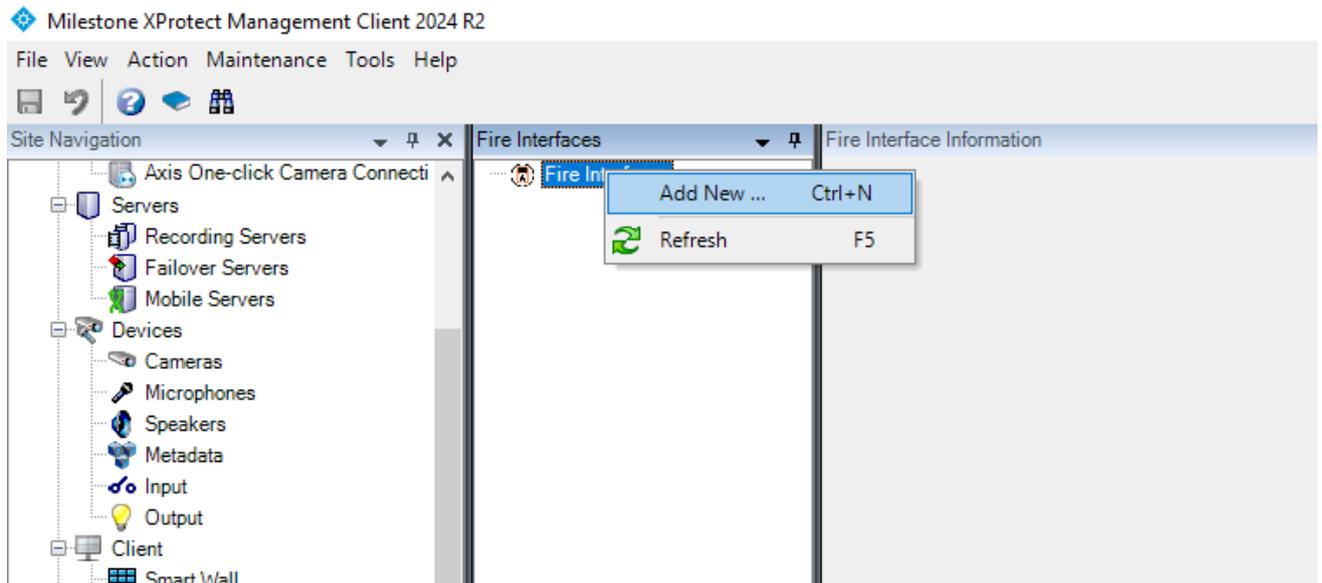
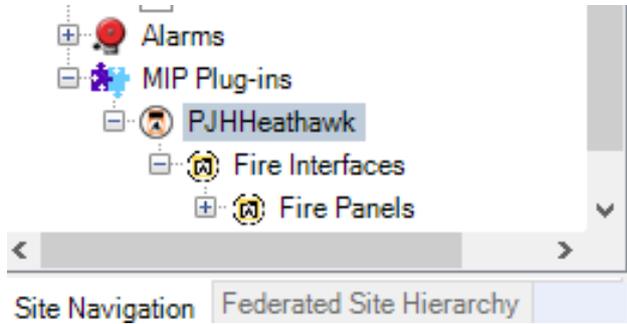
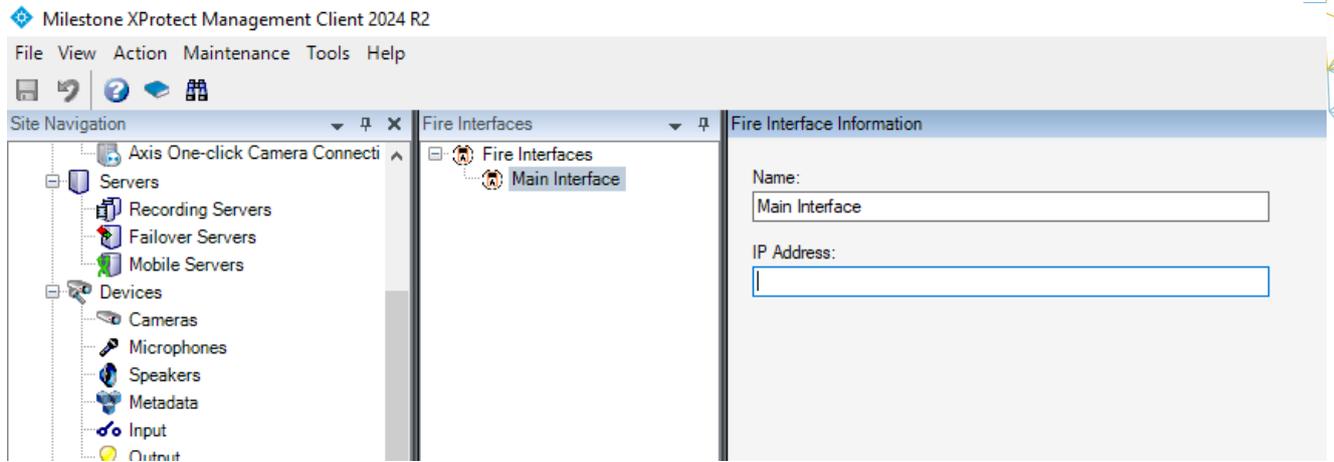


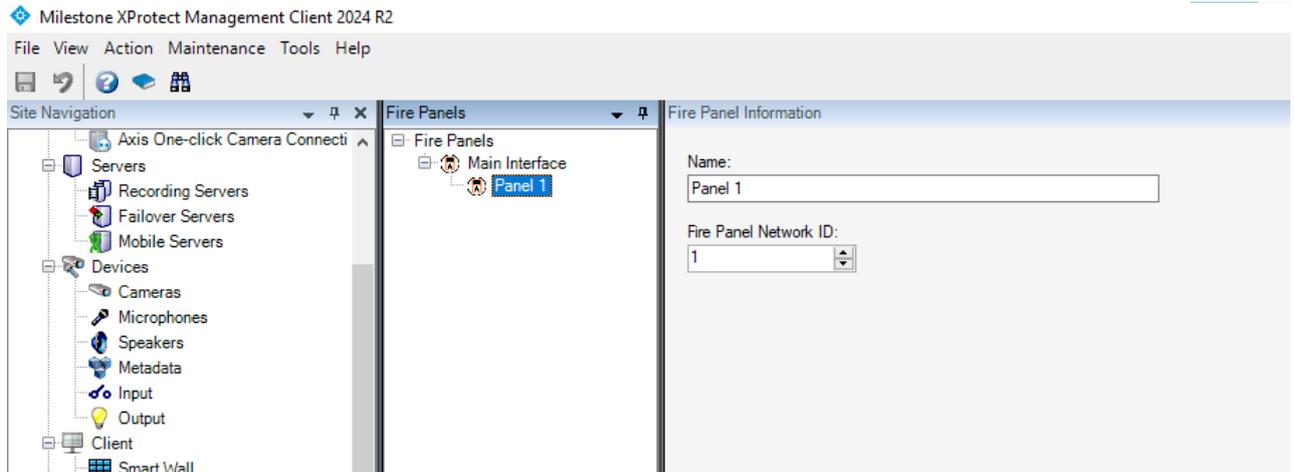
Figure 4: Under MIP-Plugins>PJHHeatHawk>Fire Interfaces, right-click on Fire Interface and add a new interface



*Figure 5: Insert the IP Address of the Fire Interface*

## Add Fire Alarm Panels

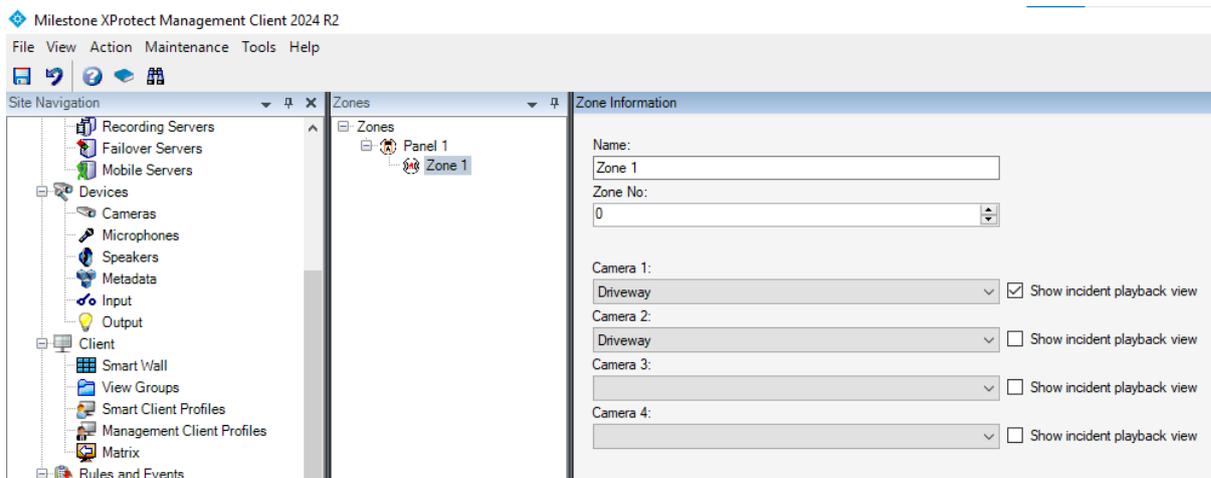
You must add all Fire Alarm Panels individually, by right clicking on the Interface that you wish to add them to. You must match the network id with the network id set up on the Fire Panel.



*Figure 6: You must match the Fire Panel Network ID with the network ID set up on the Fire Panel unit.*

## Set Up Zones

Once you've set up Panels, you can name zones and associate up to four cameras to each zone. Each camera shows a live view by default, or an incident playback view, which shows the recorded footage of that camera at the time of an incident, such as a fire alarm. It is recommended that you have both live and incident playback views for zones, so that staff can see what happened at the time of an incident, as well as what is currently happening.



*Figure 7: Zones can have up to 4 cameras associated.*

## XProtect Rule Engine Integration

The Heat Hawk XProtect Integration has full Rule Engine support, which means that you can set up your own custom rules to run within Milestone XProtect, which are triggered by your Fire Panel system.

Ideas for Rule Engine Rules:

- If a fire alarm is detected, send an email
- If a maintenance alarm is detected, send an email
- If a fire alarm is detected, start recording all associated cameras until the alarm is ended.

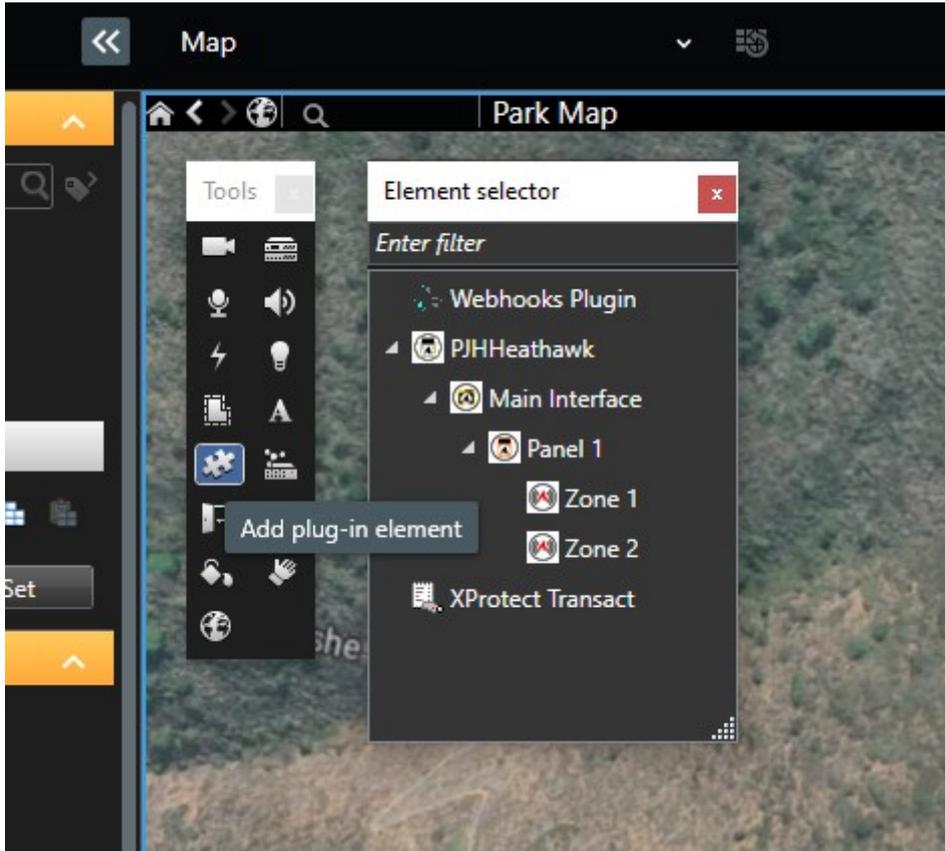
For further information on the Milestone XProtect Rule Engine, please consult the latest Milestone XProtect Documentation:

[https://doc.milestonesys.com/latest/en-us/standard\\_features/sf\\_mc/sf\\_mcnodes/sf\\_5rulesandevents/mc\\_rulesexplained\\_rulesandevents.htm](https://doc.milestonesys.com/latest/en-us/standard_features/sf_mc/sf_mcnodes/sf_5rulesandevents/mc_rulesexplained_rulesandevents.htm)

## XProtect Smart Client Setup

In order to use the integration, you must add Panels and/or Sensors to a Map. In your Milestone XProtect Smart Client, set up a new view.

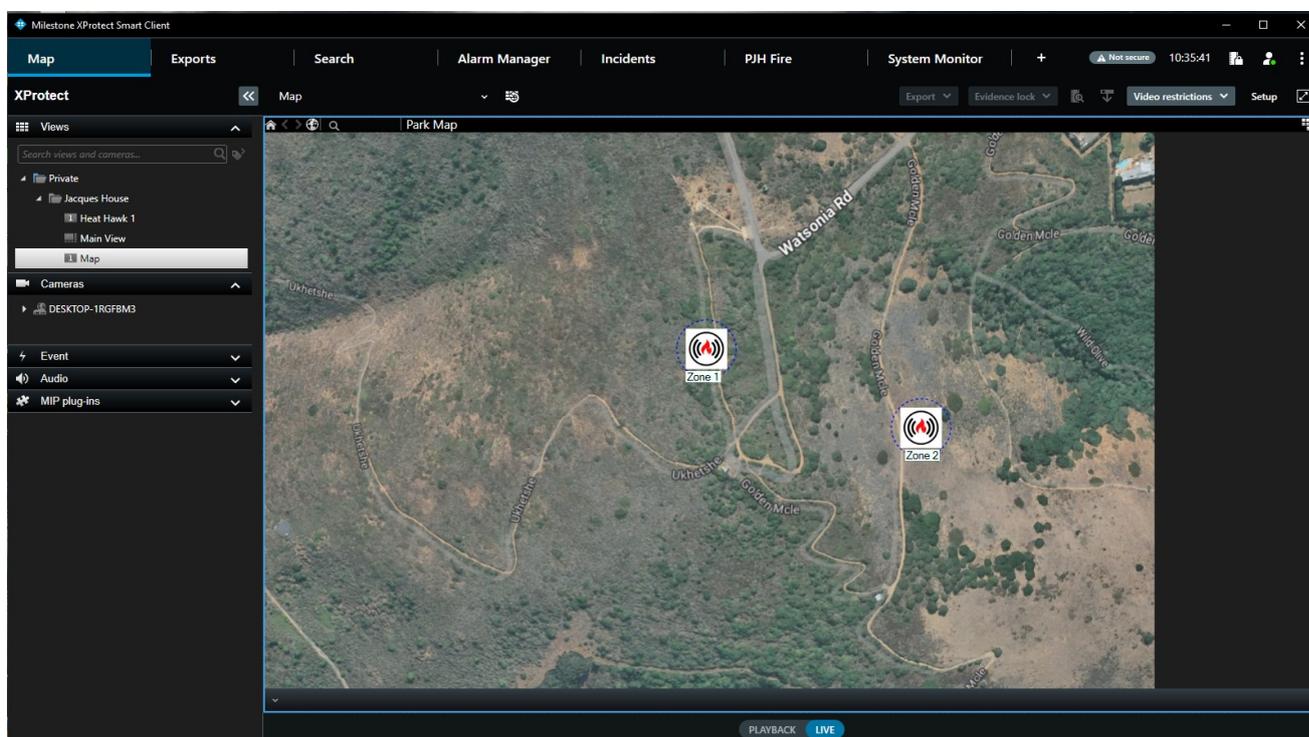
- 1) Click **Setup** in the top right of your Smart Client View
- 2) Drag a map into a view block,
- 3) Drag Fire Panels and Zones from the plugin (puzzle piece icon) list to the map.\
- 4) Click **Setup** again to save the view



*Figure 8: Where to find plug in elements to add to a Map View in the XProtect Smart Client*

# Operations

Once you have set up Fire Panels and Zones on a Map in the Milestone XProtect Smart Client, the client allows you to monitor your Fire Alarm Panel system with great ease.

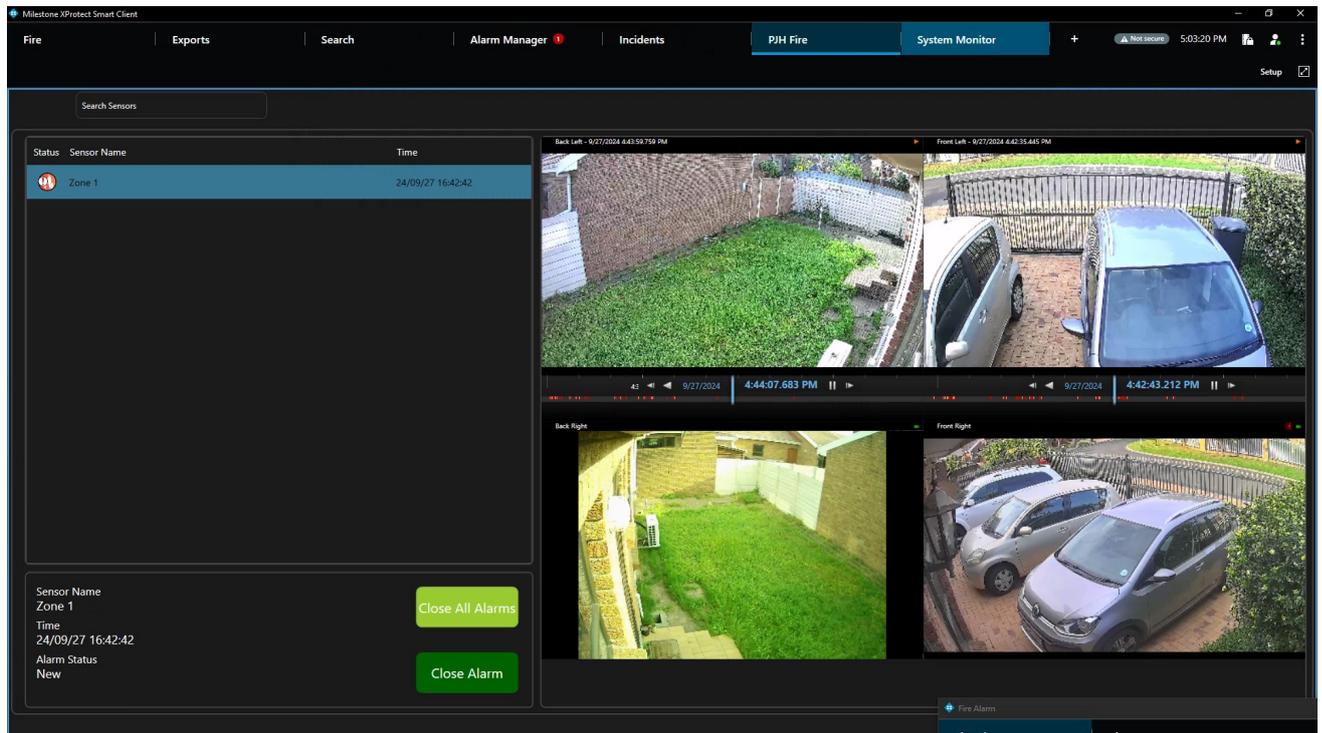


*Figure 9: An example view which shows a map with two fire alarm zones.*

## See All Active Fire Alarms

After installing the plugin, the XProtect Smart Client will automatically have a dedicated Fire Tab. This tab shows a list of all active Fire Alarms, with their associated cameras. You can close individual alarms or close all alarms.

**NB** Closing an Alarm on XProtect does not silence the Fire Alarm on the Fire Panel.



*Figure 10: An example fire alarm in the Fire Tab*



# Support and Feedback

If you need assistance with your PJH Heat Hawk Fire Alarm Integration, please feel free to email us.

If you have a feature request, or any other feedback on the email, please feel free to reach out.

The contact details are updated on [www.pjhtechnologies.com](http://www.pjhtechnologies.com)

Support and Feedback Email: [peter@pjhtechnologies.com](mailto:peter@pjhtechnologies.com)

Support Phone: +27 83 984 8447