



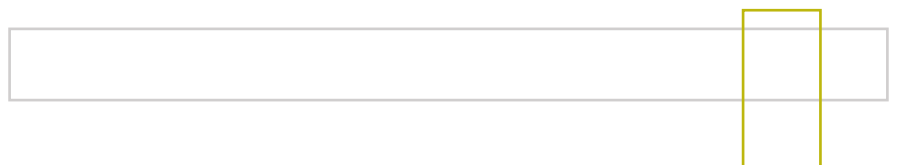
# iSentry Integration into Network Optix

Version 1.0.0

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# Introduction

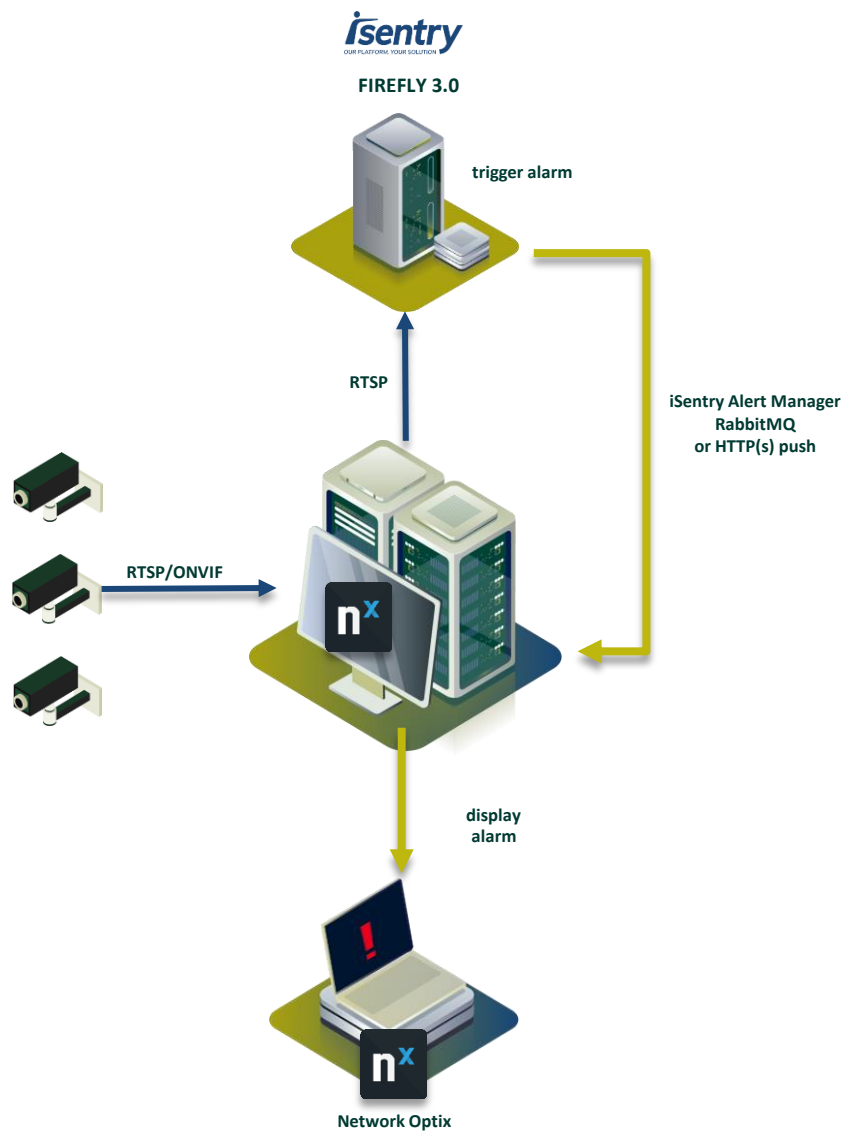
## Integration Overview

This document outlines the software integration between iSentry Firefly 3.0 and the Network Optix VMS platform.

The integration consists of the following components:

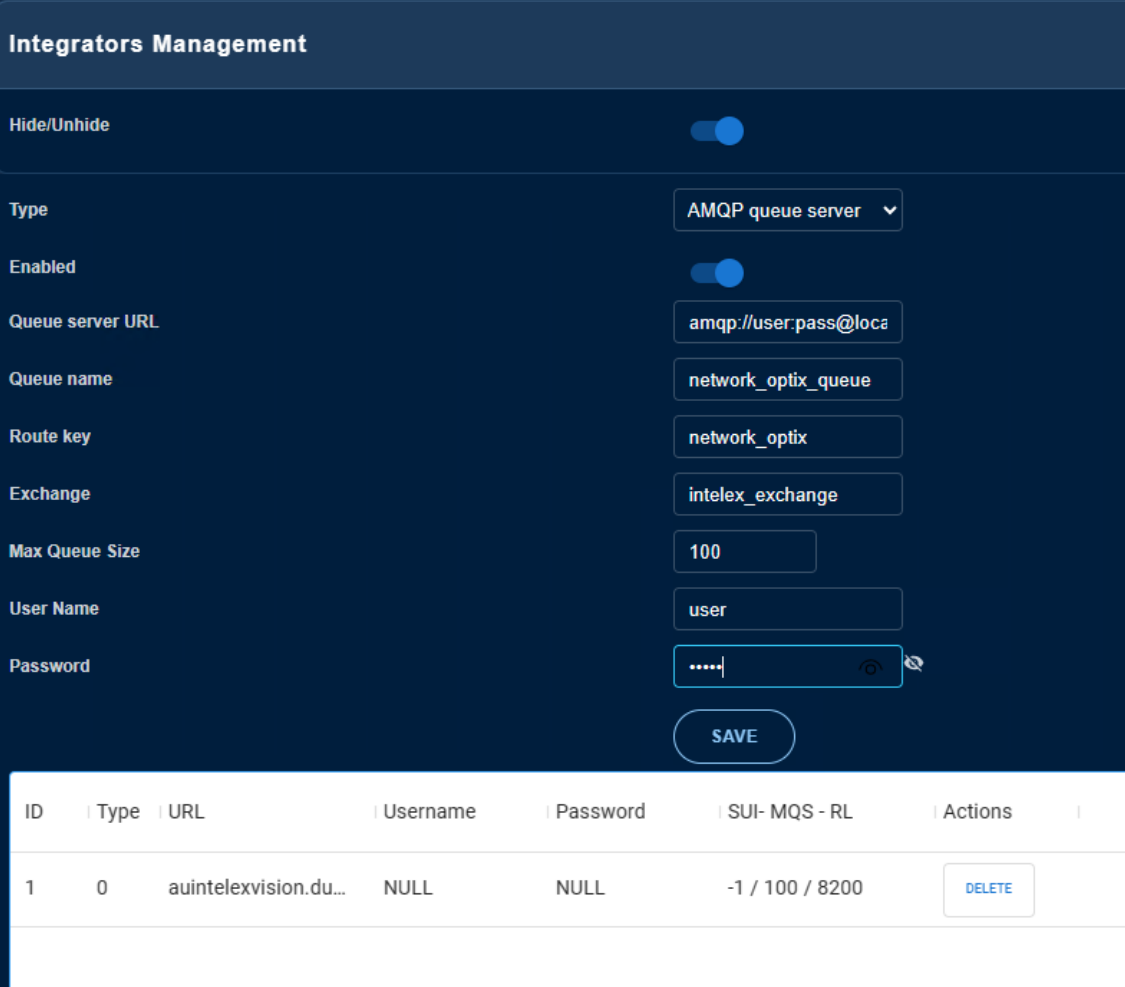
1. One or more iSentry Firefly Servers properly configured. These Firefly servers can be on-premise, on-camera or cloud-based (or a combination of these architectures).
2. Access and credentials to the Network Optix VMS to view and manage iSentry forwarded alerts (alarms).

See below a flow diagram of how the integration works at a high level:



## Integration process flow explained:

1. iSentry Firefly server running with mapped cameras processing RTSP video streams, and at least one video analytic enabled. iSentry Deep Learning processing should be enabled and configured for the cameras. Furthermore, correct Integrators management configuration should be done in the Web Settings interface of iSentry Firefly.



The screenshot displays the 'Integrators Management' configuration page. It features a 'Hide/Unhide' toggle switch, a 'Type' dropdown menu set to 'AMQP queue server', and an 'Enabled' toggle switch. Below these are several input fields: 'Queue server URL' (amqp://user:pass@loca), 'Queue name' (network\_optix\_queue), 'Route key' (network\_optix), 'Exchange' (intelex\_exchange), 'Max Queue Size' (100), 'User Name' (user), and 'Password' (masked with dots). A 'SAVE' button is located at the bottom of the configuration form. Below the form is a table with columns for ID, Type, URL, Username, Password, SUI- MQS - RL, and Actions. The table contains one entry with ID 1, Type 0, URL auintelexvision.du..., Username NULL, Password NULL, and SUI- MQS - RL -1 / 100 / 8200. A 'DELETE' button is visible in the Actions column for this entry.

ID	Type	URL	Username	Password	SUI- MQS - RL	Actions
1	0	auintelexvision.du...	NULL	NULL	-1 / 100 / 8200	DELETE

AM

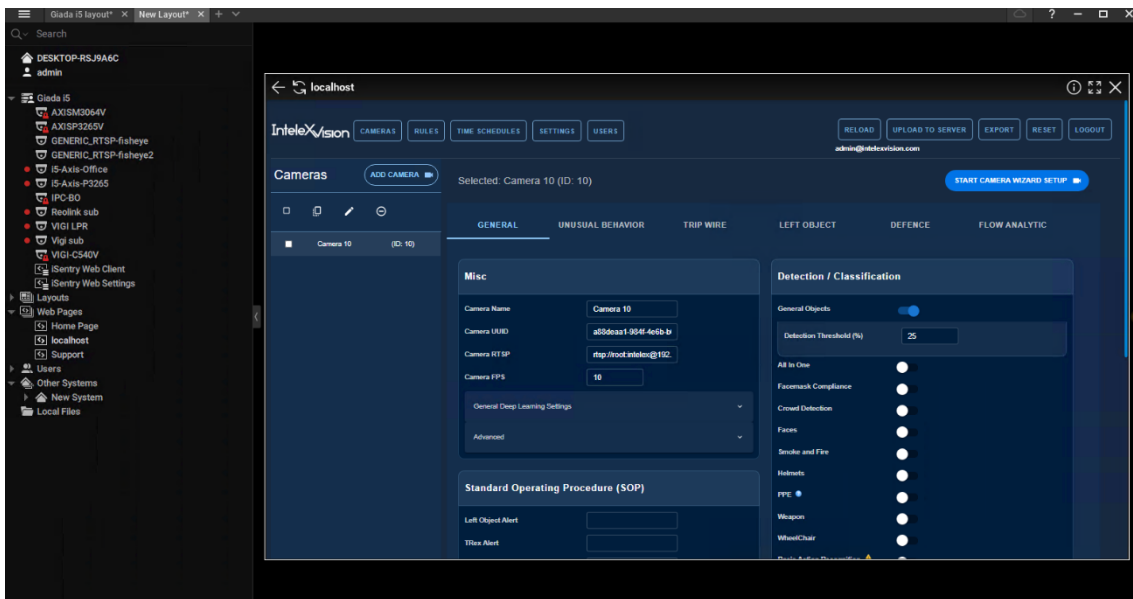
2. iSentry Firefly .idat alert files will be published into the iSentry Alert Manager service or pushed through HTTP (or HTTPS) requests (legacy support not recommended).
3. Every time this occurs, the Network Optix plugin will consume these alerts, visualizing objects and events by leveraging Network Optix's built-in capabilities to display information.



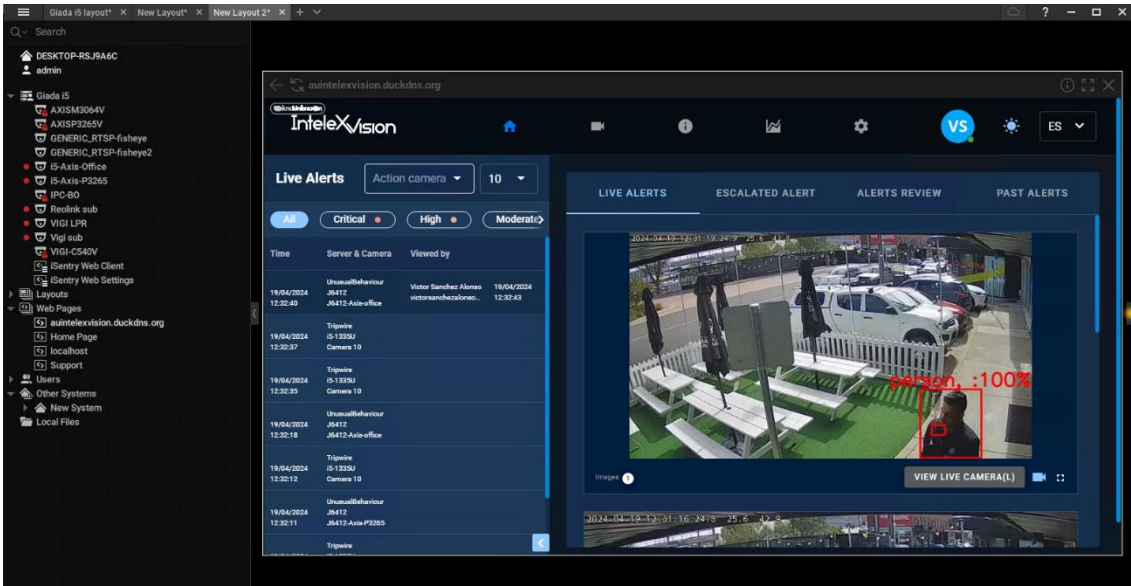
## Integration of Firefly Web Settings and Web Client

The Firefly Web Settings and Web Client can be easily embedded into the Network Optix front-end interface as they are web-based.

Web Settings inside Network Optix:



Web Client inside Network Optix:



Minimum version of Firefly required.

Firefly V3.0.0 or newer.

Minimum Version of Network Optix required.

Network Optix NX5.1 or newer.

