**NUCLEUS** 3D Unified Management System for Smart Buildings & Cities

# Milestone XProtect Adapter

# User Training

| # | Topic |
|---|---|
| 1 | Overview |
| 2 | Setup |
| 3 | Configuration |
| 4 | Add external credentials |
| 5 | Add a Milestone Camera |
| 6 | Matrix Monitor |
| 7 | Milestone Alarm |

# Overview

# Overview



From XProtect…

… to
NUCLEUS

# Overview



Adapter

NUCLEUS Server

Milestone XProtect Server

NUCLEUS Client

CCTV Cameras
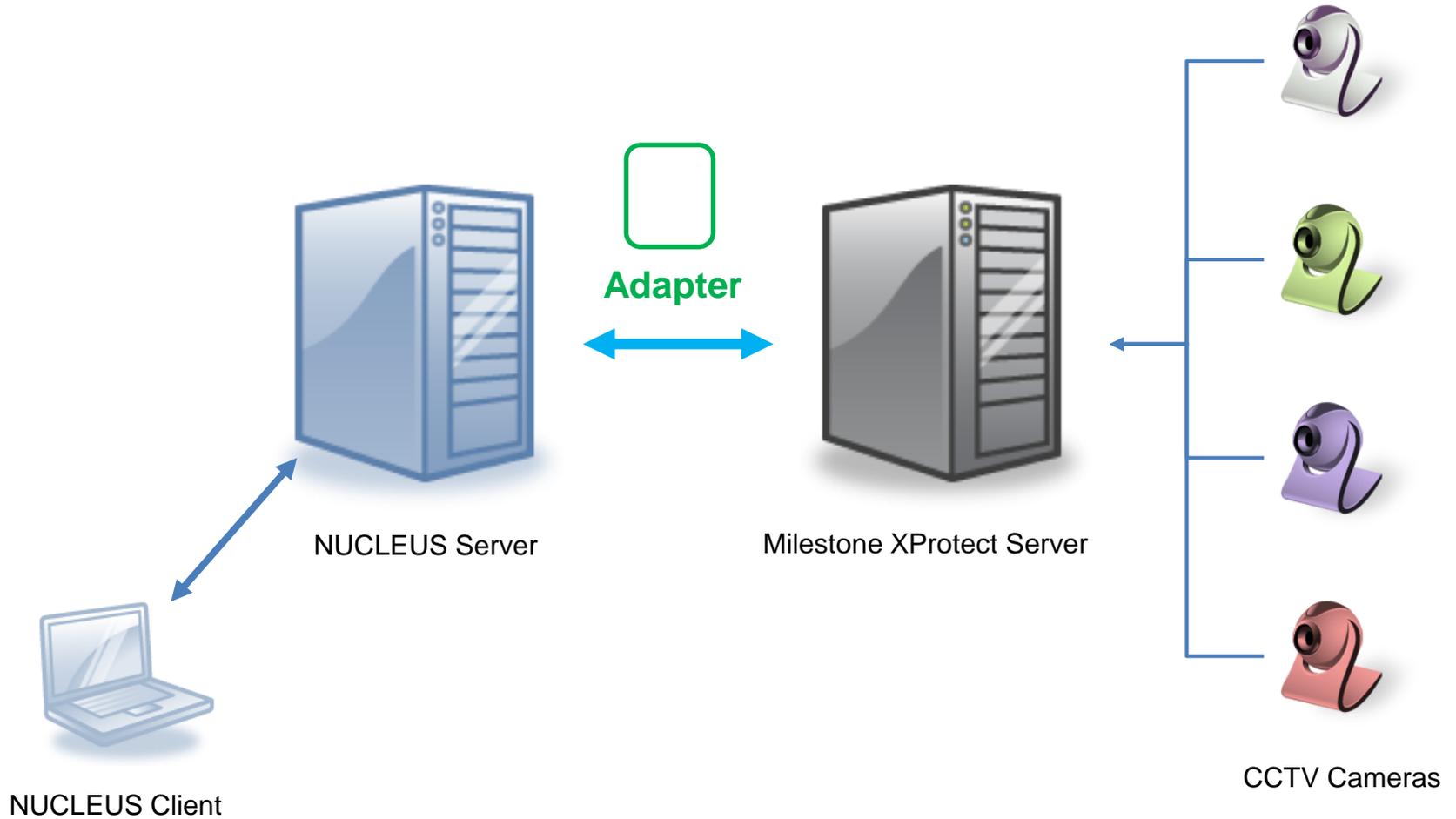
# Supported editions

The Milestone XProtect video management system is available in different editions, and the editions that NUCLEUS 4.5.0 have been tested to integrate with :

- ➢ **Milestone XProtect Corporate (v5.0 2013, 2013 R2, 2014)**

- ➢ **Milestone XProtect Enterprise (2013, 2014)**

Detail specifications are stated in "NUCLEUS Milestone XProtect Integration Specifications".
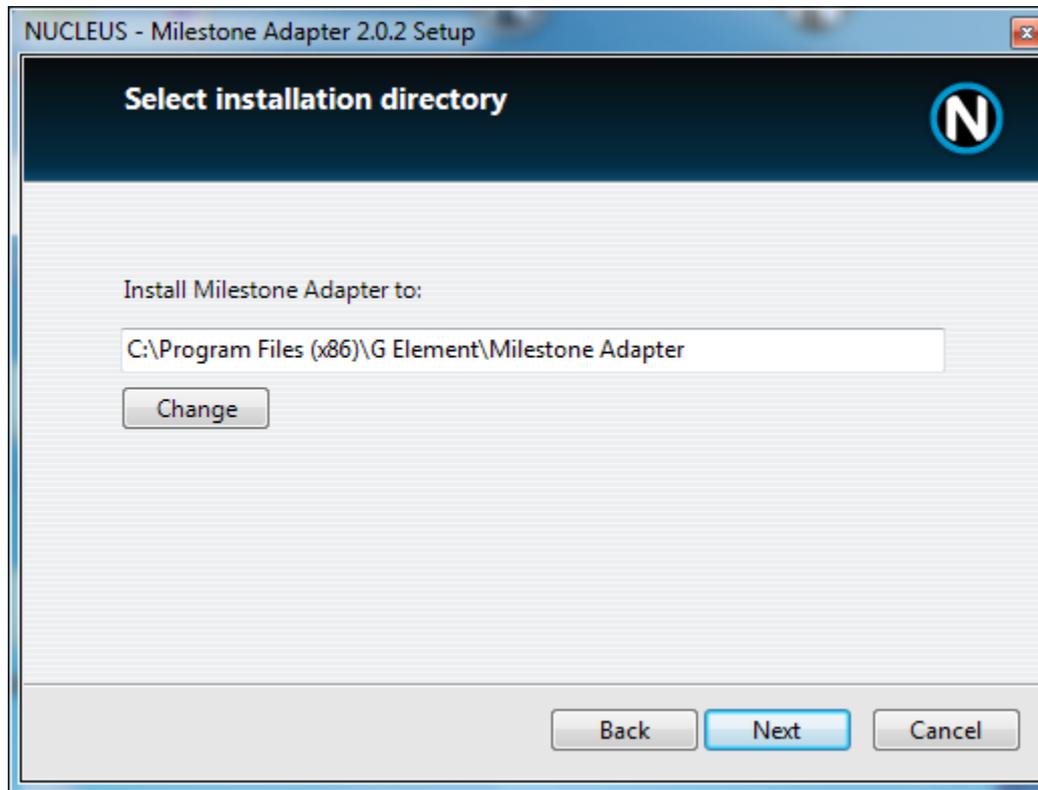
# Setup

# Adapter installation

1. Double click the installer to start installation.



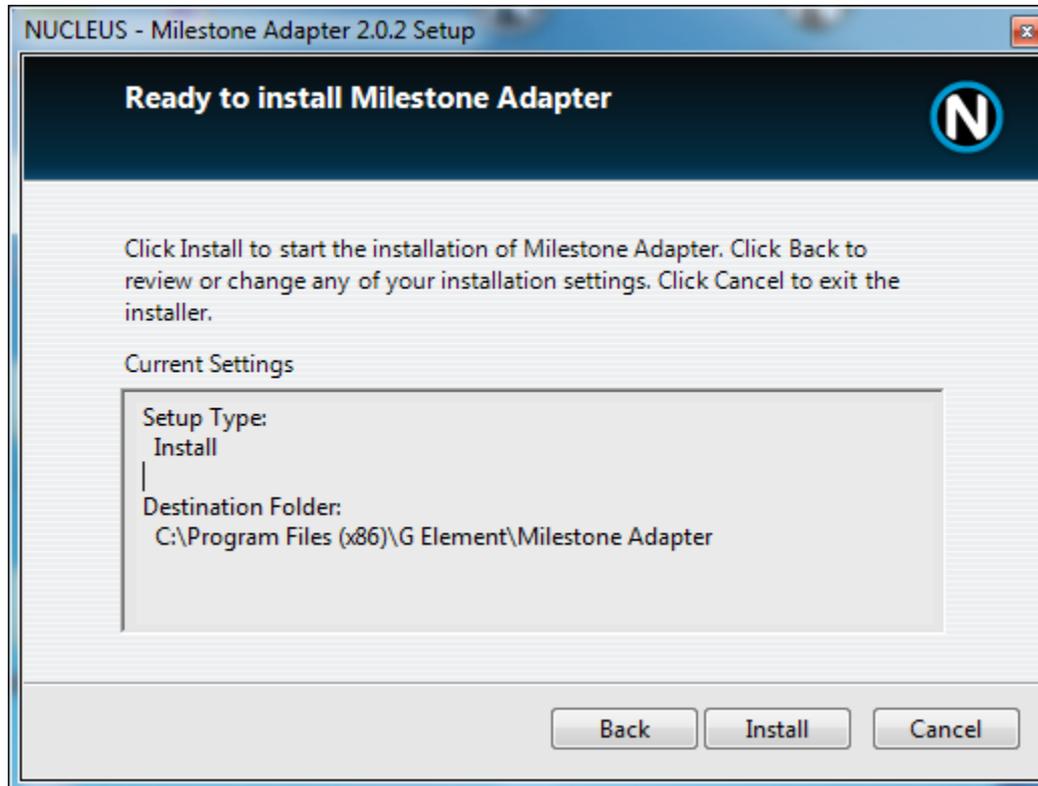NOTE: install the adapter **on the computer that runs NUCLEUS Server**.

# Adapter installation

2. You can change the NUCLEUS-Milestone adapter default installation directory.
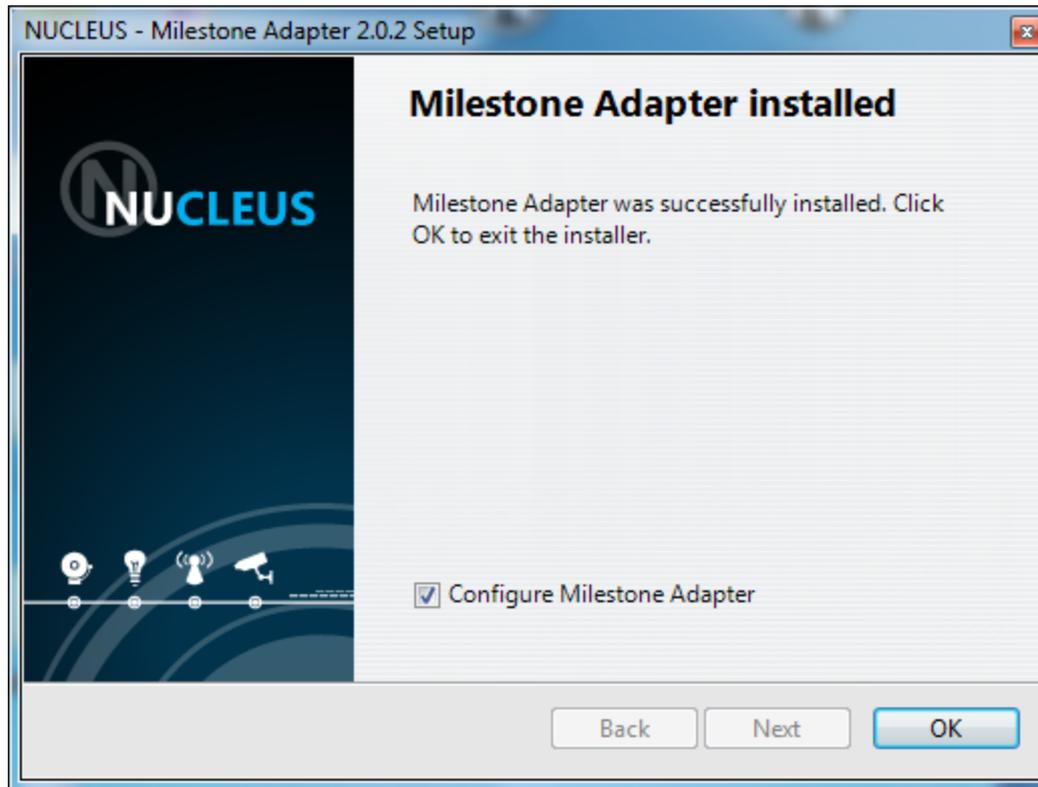
# Adapter installtion

3. Confirm to click "Install" button to proceed.

# Adapter installtion

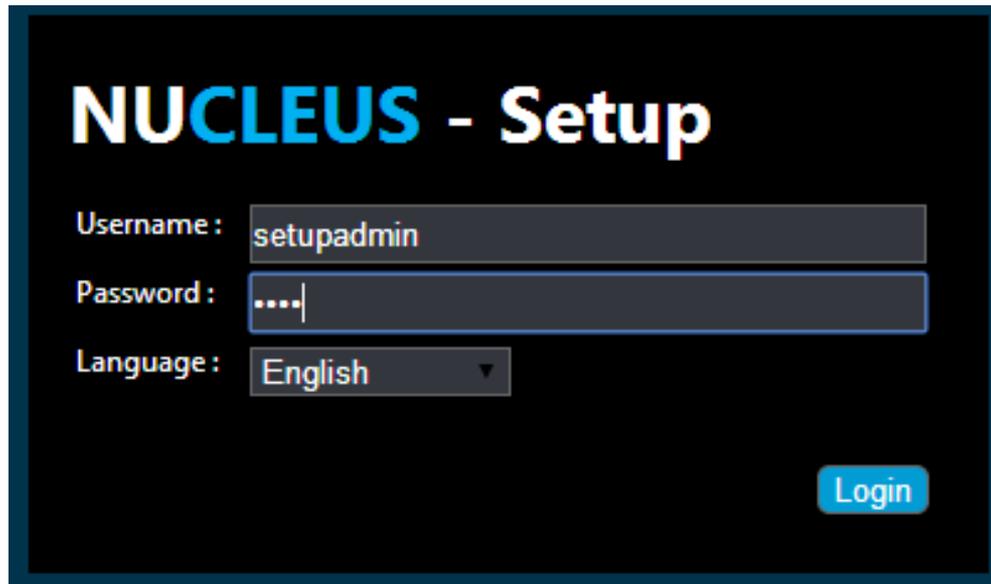4. You can select to let installation wizard direct you to the configuration page as below.

# Configuration

# Configure the Integration

1. Login the NUCLEUS Server setup page by http:<Nucleus-Server-addr>/nu/setup (or http:<Nucleus-Server-addr>:<port>/nu/setup).
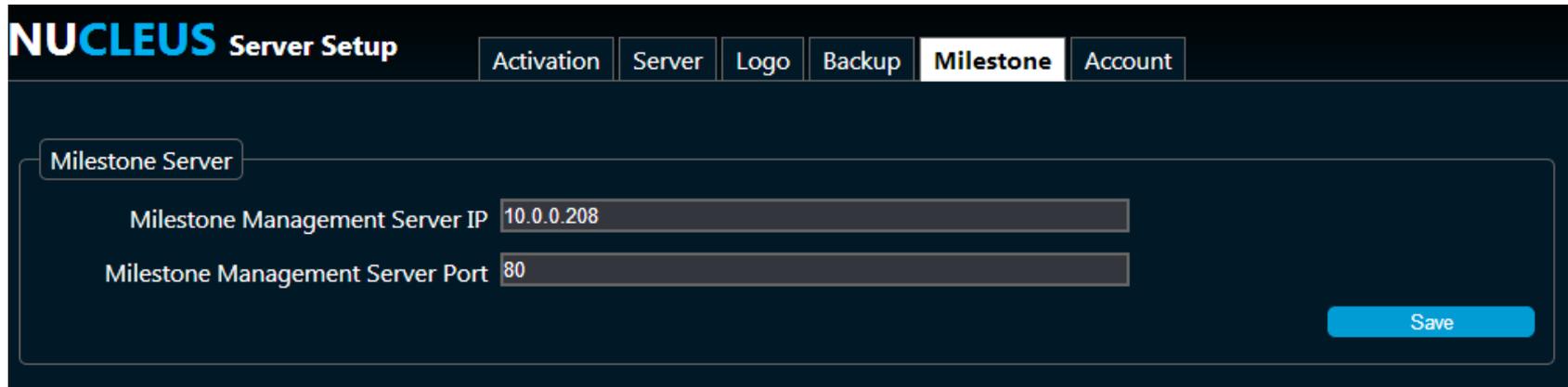
Username: setupadmin        Password: pass

# Configure the Integration

2. Go the "Milestone" tab. In the section of "Milestone Server", type in the Milestone Management <u>Server IP and its port number</u>, then "save"

# Configure the Integration

3. In the section "Milestone Admin User", type in a Milestone account that has admin rights. Leave the item "Windows Domain" empty if there is no domain.
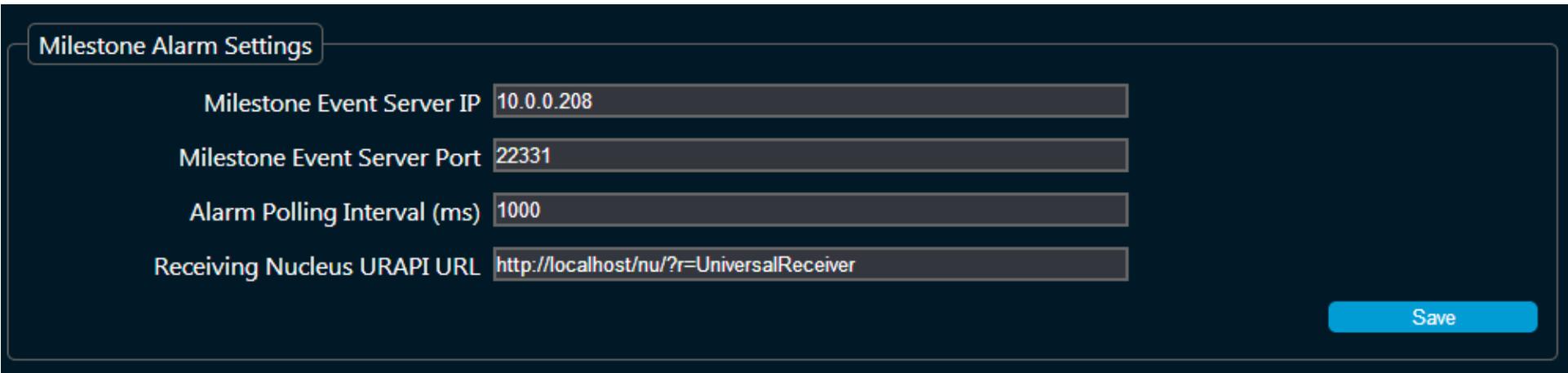
# Configure the Integration

4. In the section "Milestone Alarm Settings", type in the Alarm setting information.

# Configure the Integration
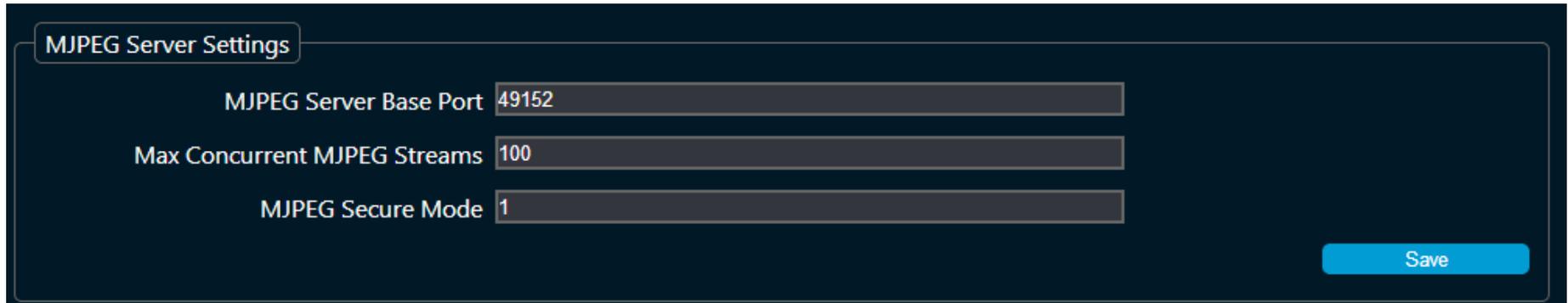
5. In the "MJPEG Server Settings" section, fill the relevant information.

# Configure the Integration

6. Check the "Milestone adapter status".

# Configure the Integration

The communication channel between **NUCLEUS Server and Milestone XProtect Server** is setup if the previous configurations are correctly done.

# Add External Credentials

# Add External Credentials

Each NUCLEUS user account that wants to use the NUCLEUS-Milestone integrated devices needs a Milestone account that has been given access rights to those devices.
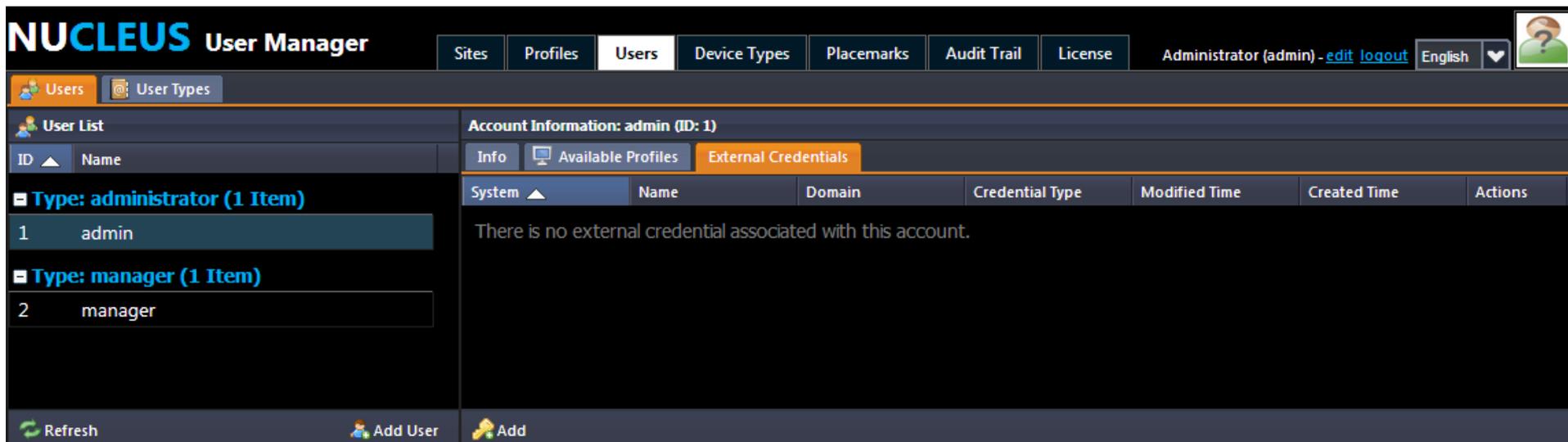
1. On your client machine, access NUCLEUS Server by Desktop Client. The default Administrator account:

<span style="color:red">username: admin</span>

<span style="color:red">password: nimda</span>

# Add External Credentials

2. Click the "Users" tab and then select the user to whom an external credential would be created.
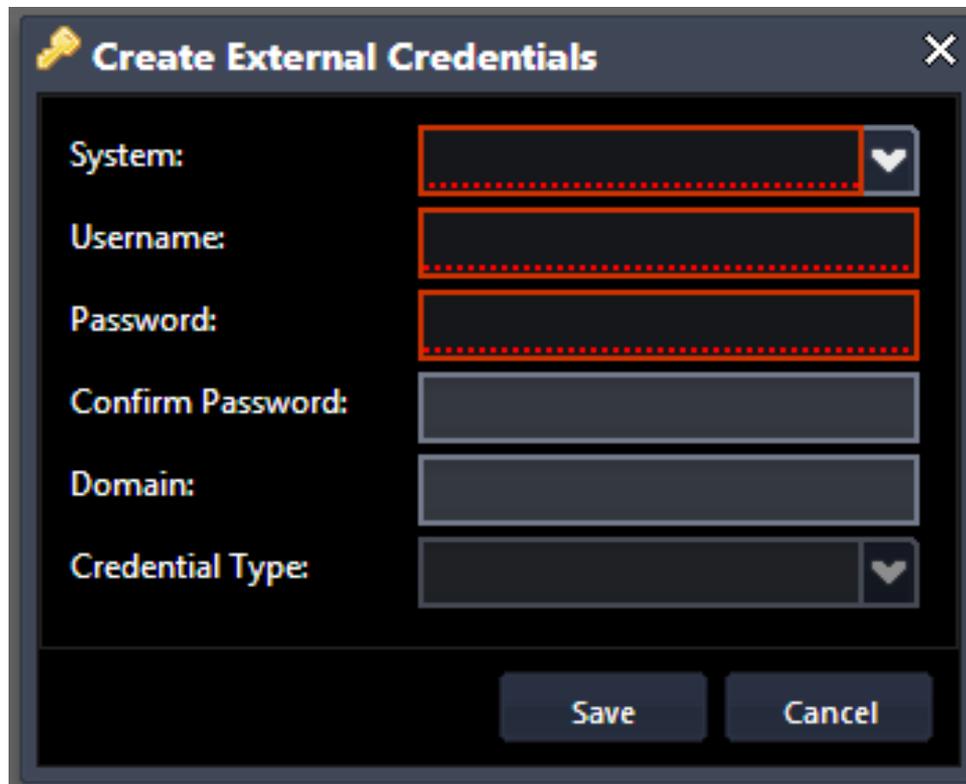
# Add External Credentials

3. Click the "Add" icon to pop up a box for filling in external credential information.
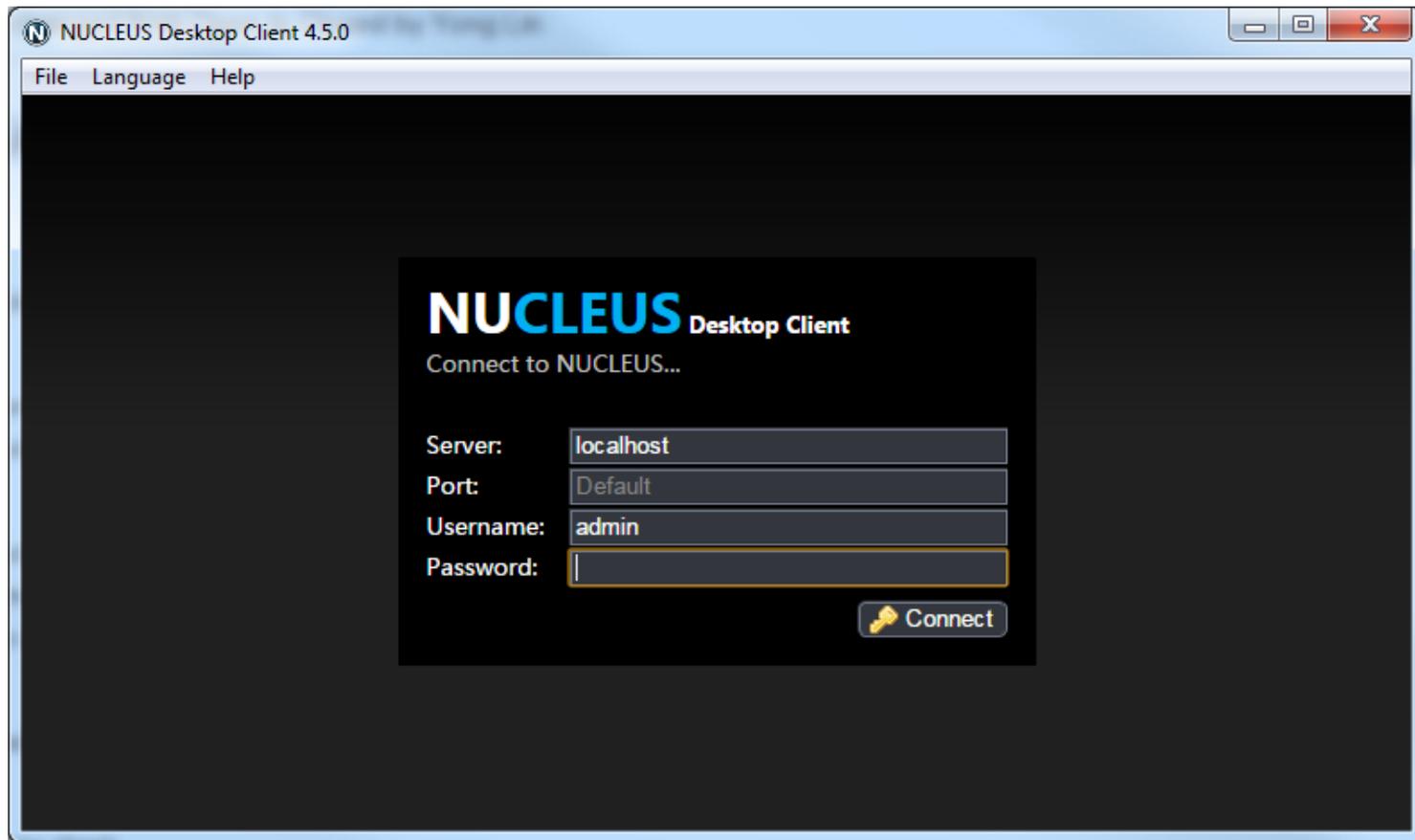
# Add External Credentials

# Warning

If your external credential is not entered or incorrectly entered, the camera list will be blank when you intend to plant a MilestoneLiveVideoType camera into NUCLEUS.

# Add a Milestone Camera

# Add a Milestone Camera

1. Open NUCLEUS Client.

# Add a Milestone Camera

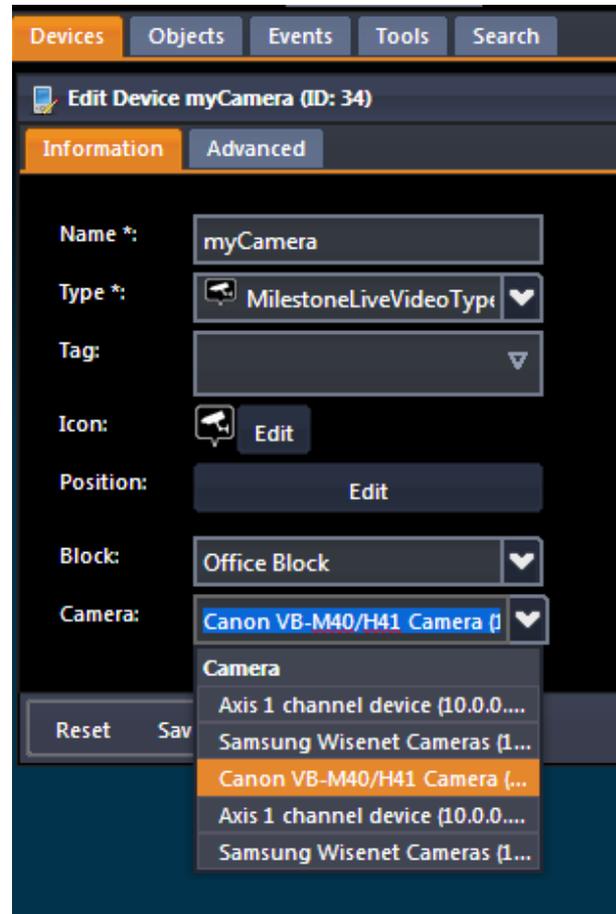## 2. Load a profile in a site.

# Add a Milestone Camera

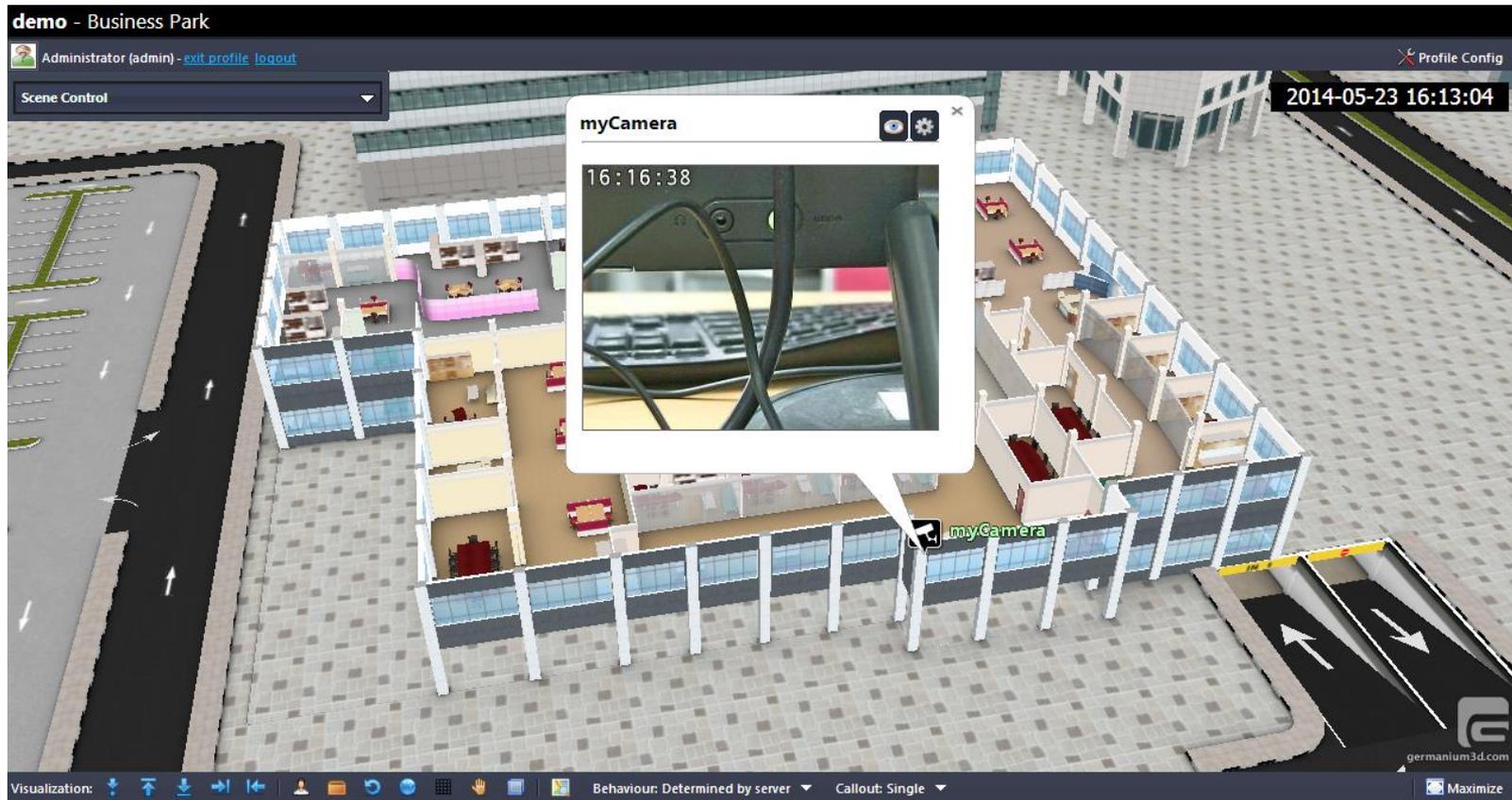3. Add a device of "MilestoneLiveVideoType".
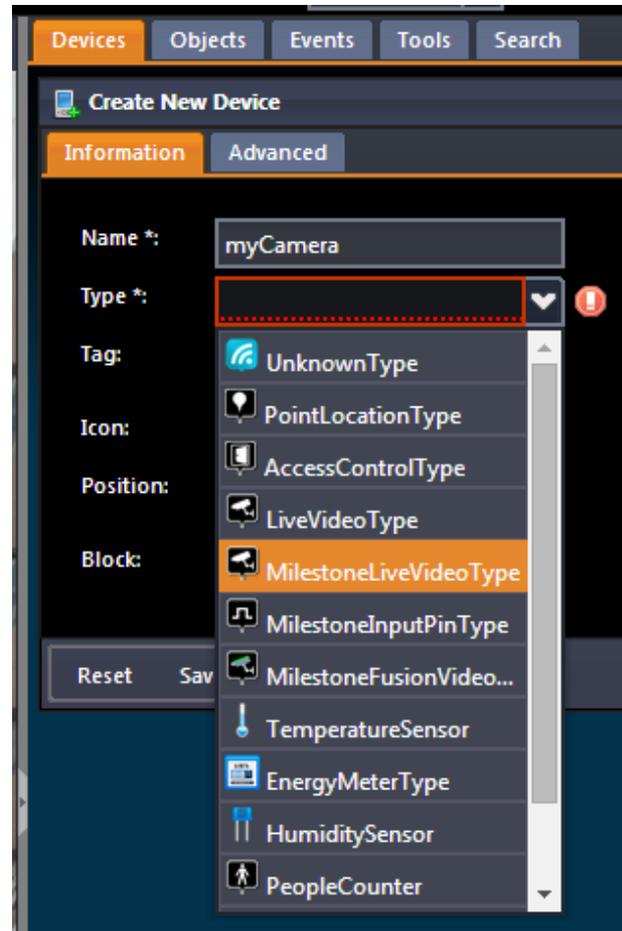
# Add a Milestone Camera

4. Choose one of camera that have been planted in Milestone.

# Add a Milestone Camera

5. Finish the rest steps of adding a device. Then, the video feed will be displayed in NUCLEUS.
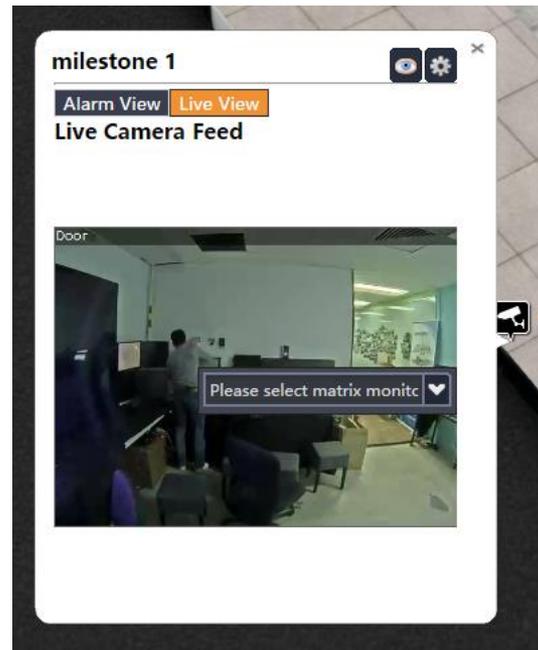
# Matrix Monitor

# Matrix Monitor

- Matrix Monitor is a feature of Milestone XProtect that allows distributed viewing of video from any camera on any monitor

- Using the Milestone XProtect management client, the user can add one or more Matrix Monitor under Matrix Configurations
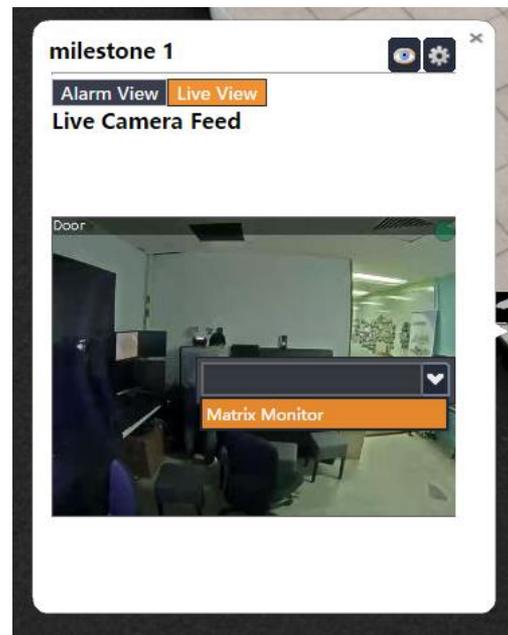
# Sending a live feed to Matrix Monitor

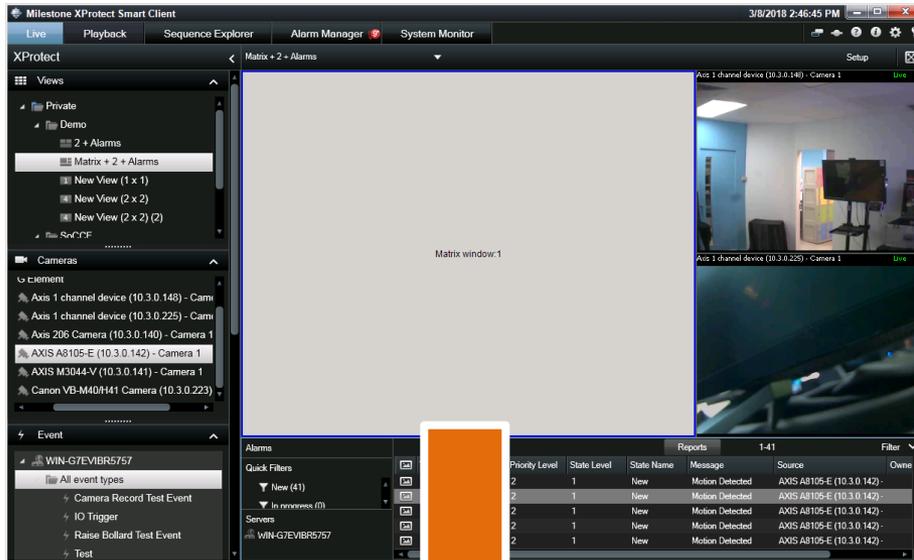- Right click on a live view. A dropdown will be displayed. Select [Please select matrix monitor].

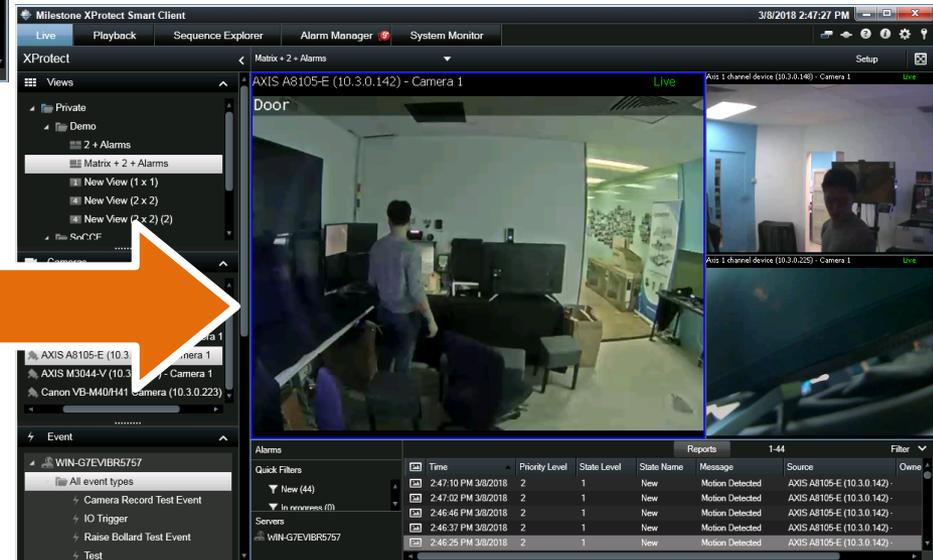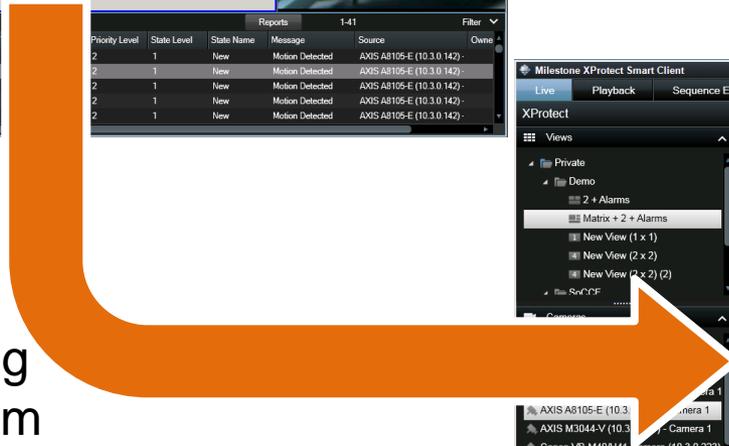# Sending a live feed to Matrix Monitor

- The list of Matrix Monitors available will be shown. Select the Matrix Monitor that you intend to send the live feed to.

# Sending a live feed to Matrix Monitor



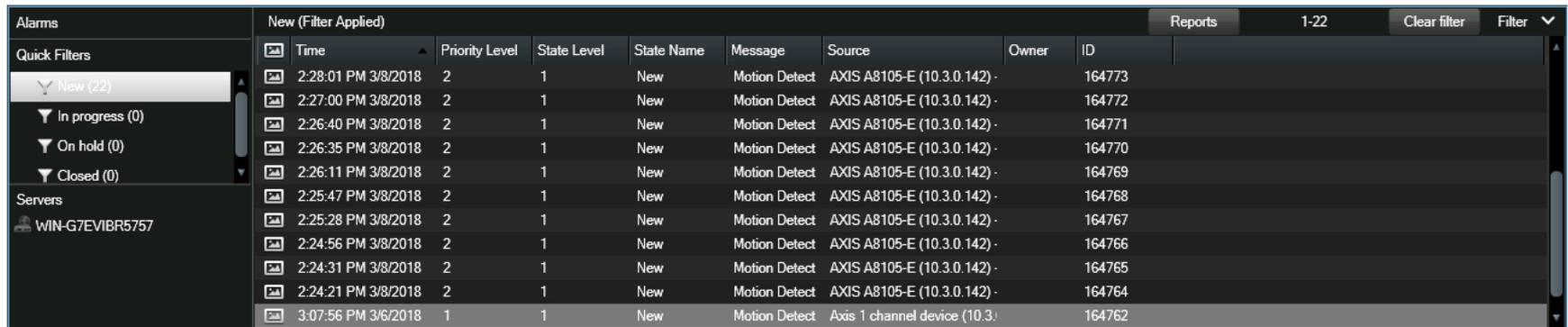After receiving command from NUCLEUS

# Milestone Alarm

# Milestone Alarm

- NUCLEUS can display Milestone XProtect Alarms
- Alarm status can be changed via NUCLEUS

- Note that not all Milestone Alarm features are supported
- Read *NUCLEUS Milestone XProtect Integration Specifications* for supported features

# Milestone Alarm

- Typical alarms in the Milestone XProtect Smart Client

# Milestone Alarm

- The same list is show in NUCLEUS under Milestone Alarm List

# Milestone Alarm

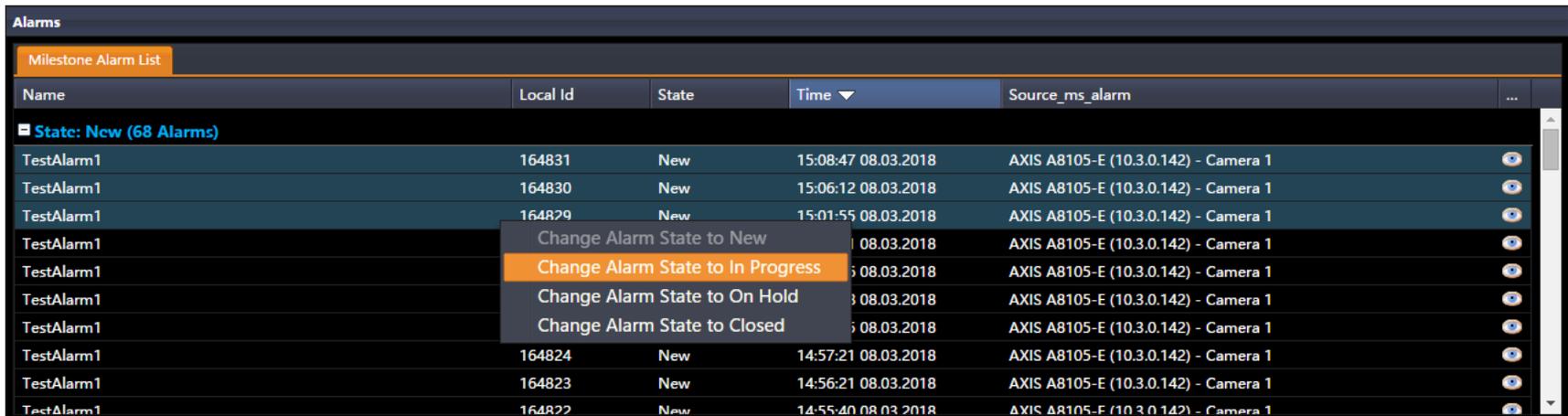- NUCLEUS automatically opens the callout for the device associated with the alarm

- User can view all alarms associated with the device

- User can change the status of the alarm in the callout
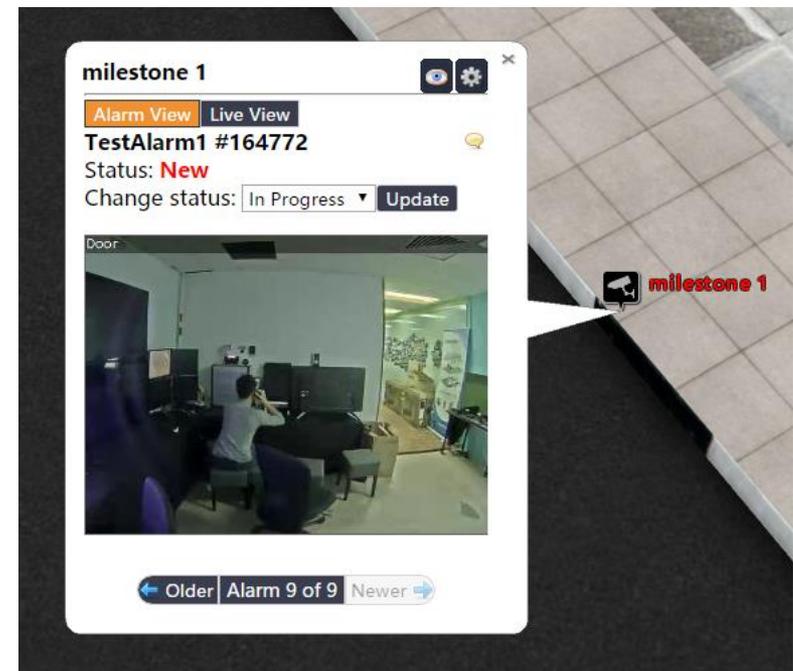
# Milestone Alarm

- User can also change the status of Milestone alarms under Milestone Alarm List.
  - Select one or multiple rows
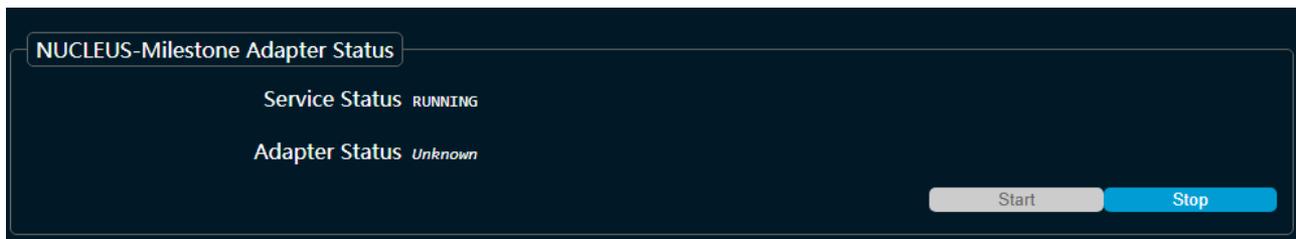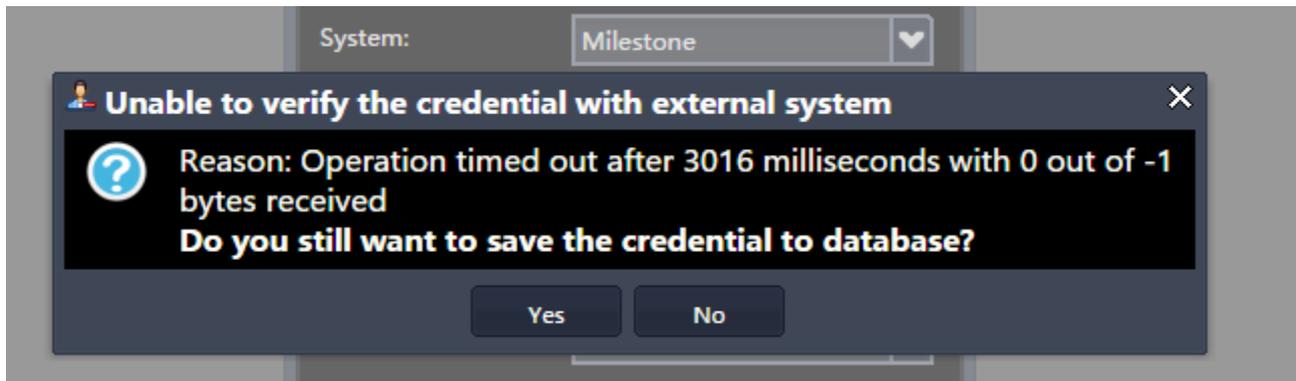  - Right-click and choose the new status

# Troubleshooting

# Milestone Server Not Responding

The following error message indicates that the adapter is unable to contact Milestone Server. Please check that Milestone Server is up, and that network connection between NUCLEUS Milestone Adapter and Milestone Server is not blocked.

# For NUCLEUS Support

**Email support:**        **support@gelement.com**
**Phone support:**       +65 6254 7978 (business hours only)
**Website:**           **https://gelement.com**