O-Insights BACnet

Set up help/Installation Guide

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About O-Insights

O-Insights is a camera monitoring and analytics system, specifically designed for IP video management application.

O-Insights with BACnet Setup

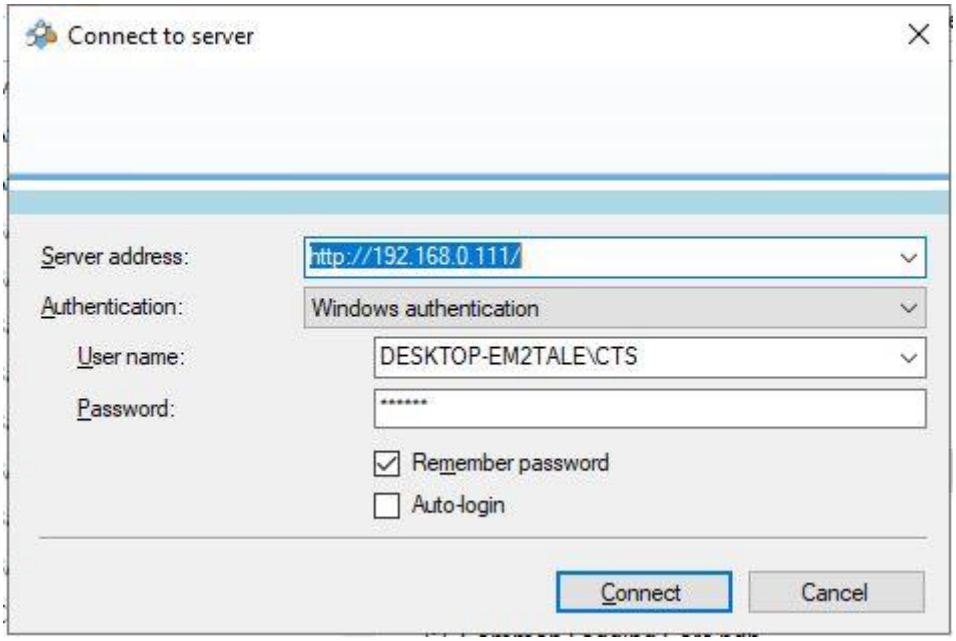
This is a set up file which runs to install the O-Insights and an Odxel BACnet service on the machine.

Pre-Requisites:

1. Milestone server
2. O-Insights BACnet setup file
3. Customers Host ID

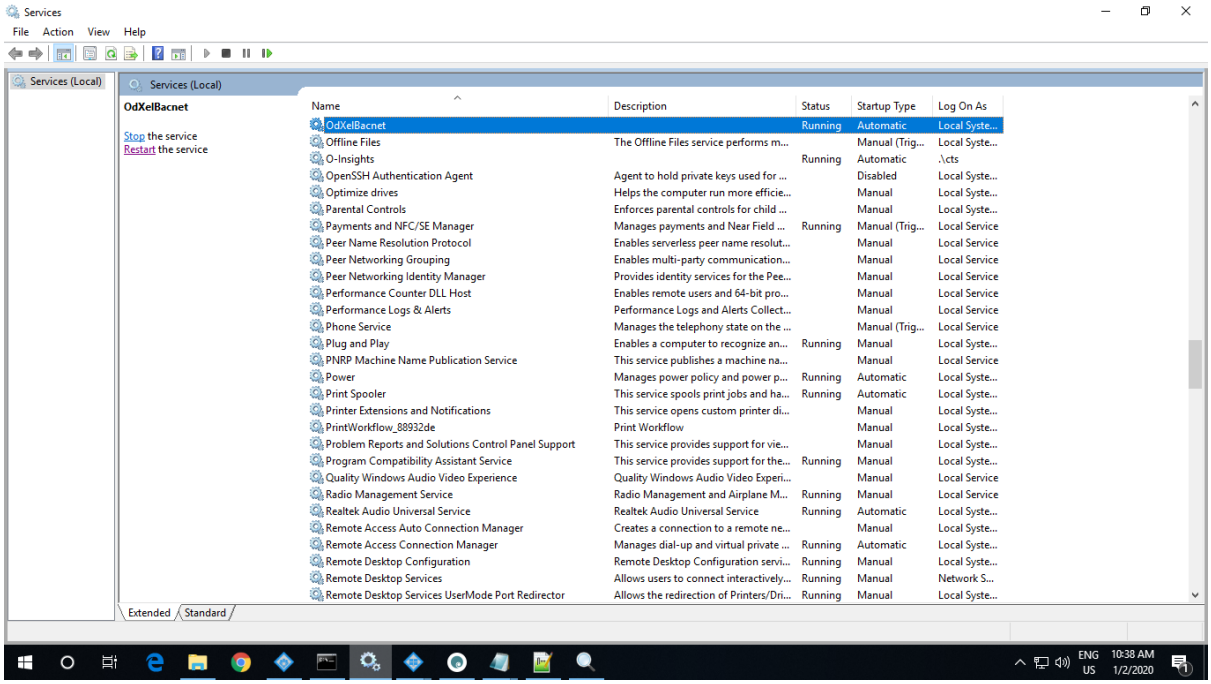
To install the set-up

- Run the set-up file to install O-Insights for BACnet.



Enter the details of Milestone Server machine, its login credentials and connect to it.

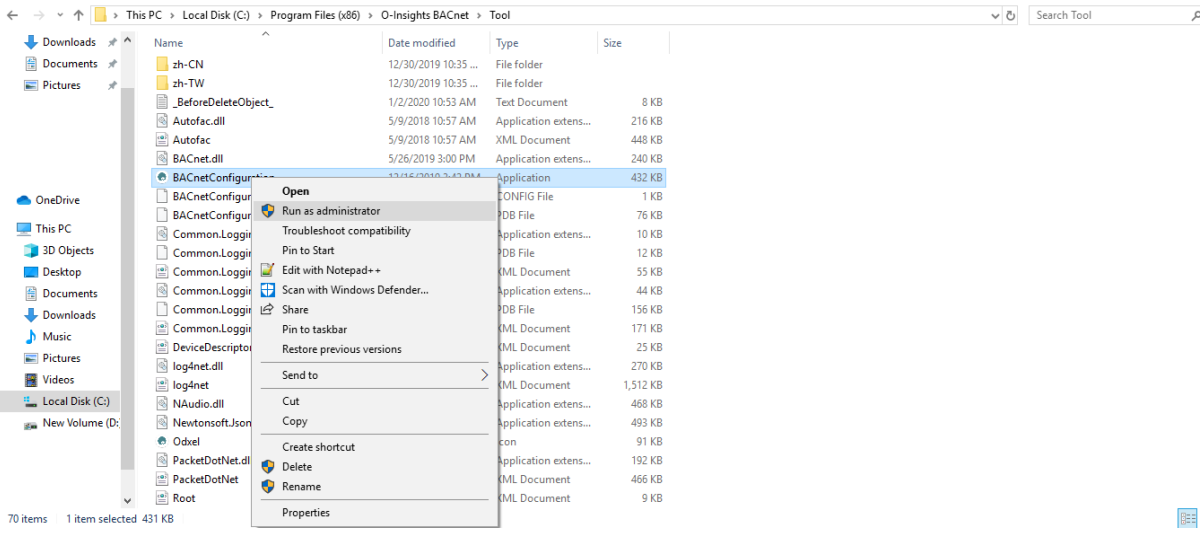
Once connection is established, services will be configured and started, as shown below.



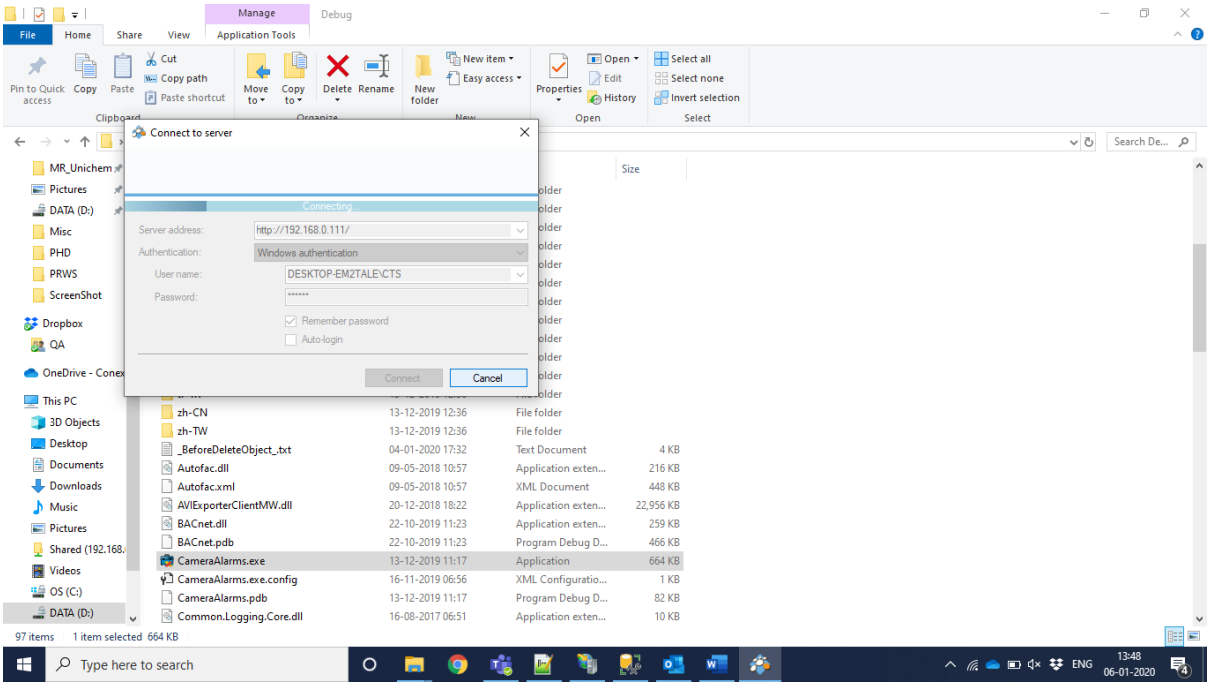
To map Milestone events with BACnet objects

- Go to the following directory
  'C:\Program Files (x86)\O-Insights BACnet\Tool'

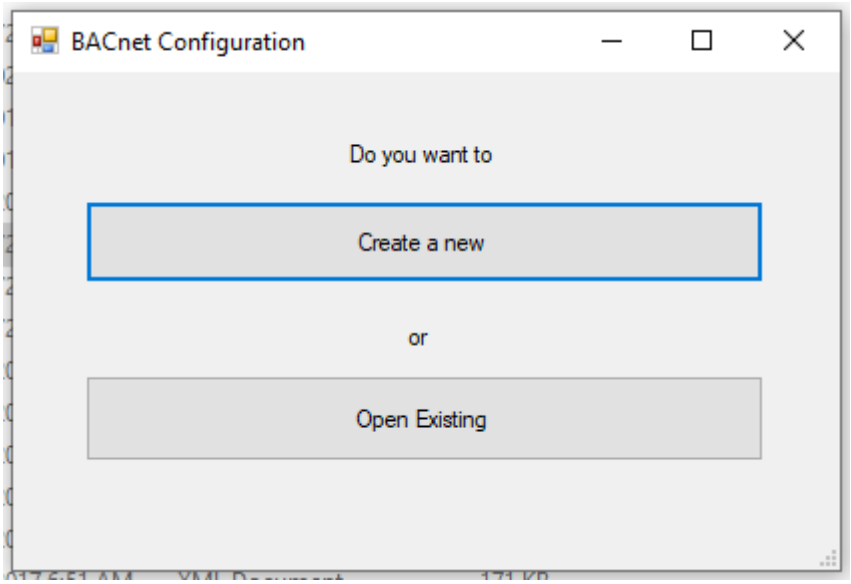
- Search for "BACnetConfigurations" (i.e. the application file) run it in **administrator** mode.



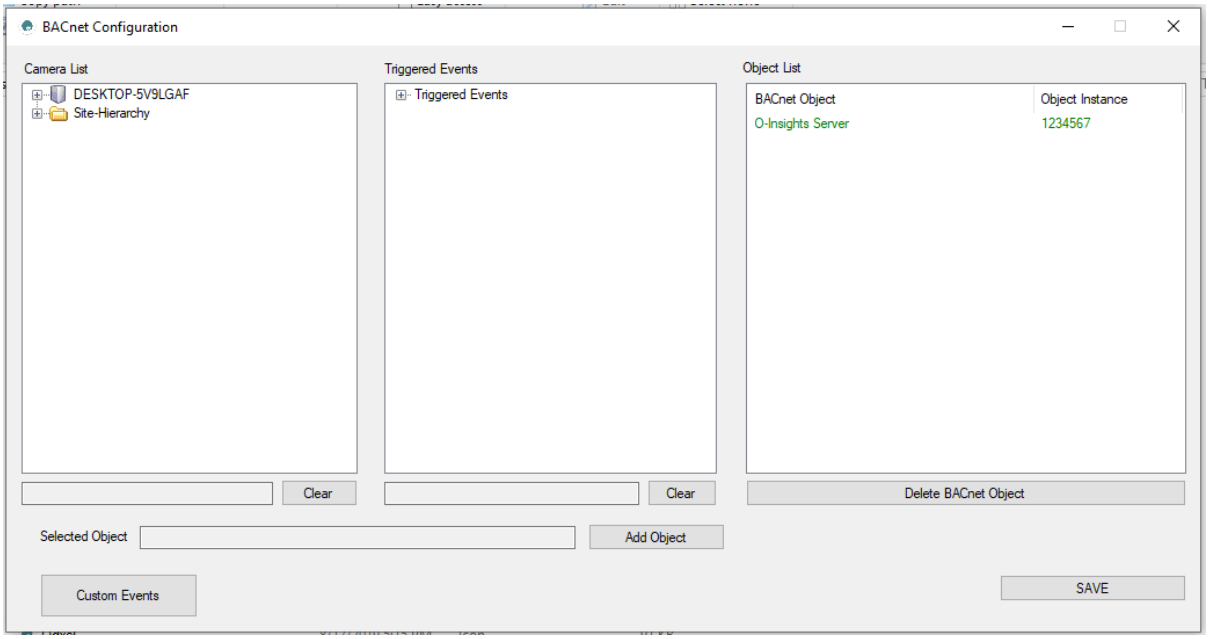
- This will try to connect to the Milestone server.



- After connection, a small window as shown below will open. Click on Create a new to create a new device descriptor configuration.

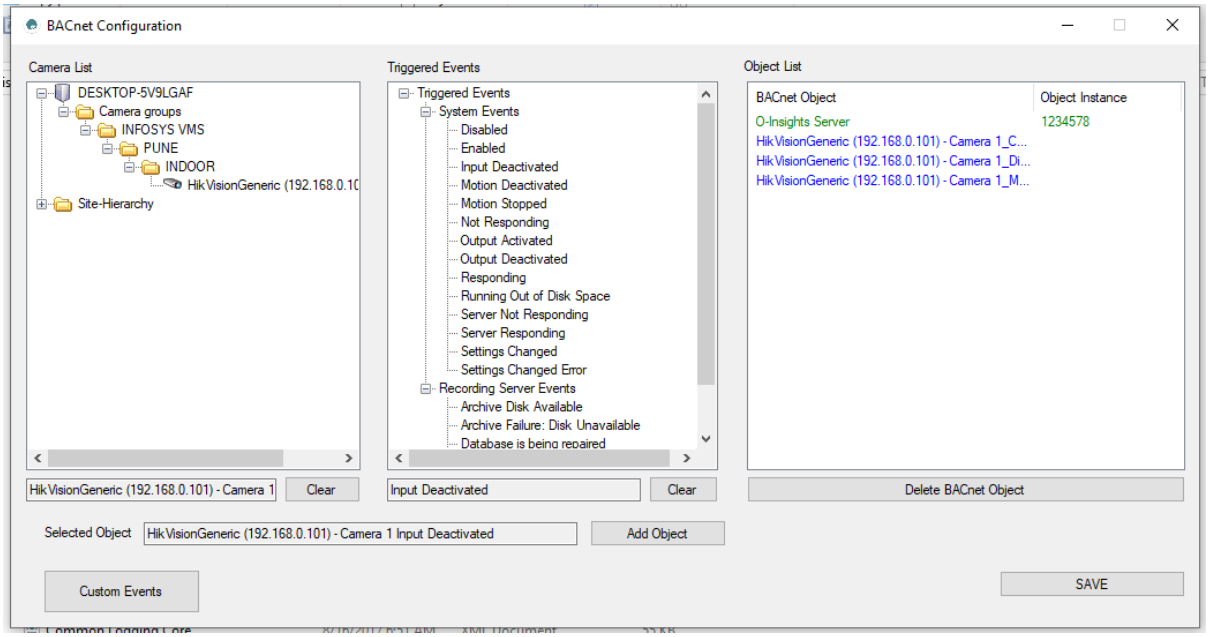


- If you want to use the existing BACnet configuration, select Open Existing, else select Create a new configuration.

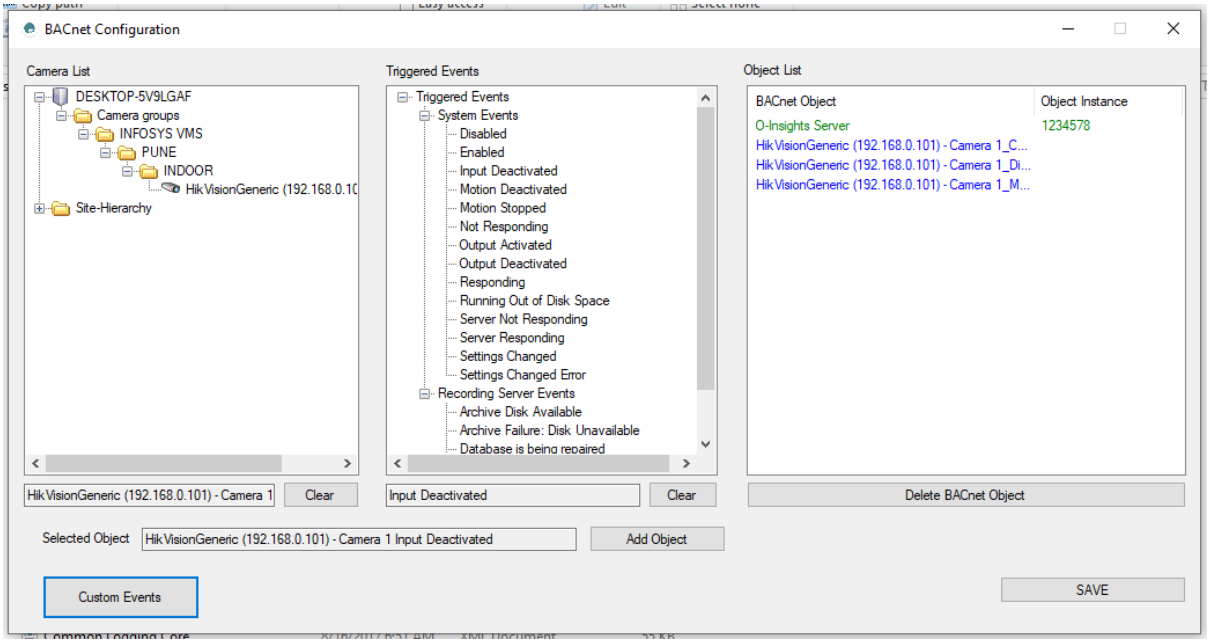


Choose required cameras from the camera list, corresponding events from event list and click Add object button to configure it. For each selected, there may be one or more events.

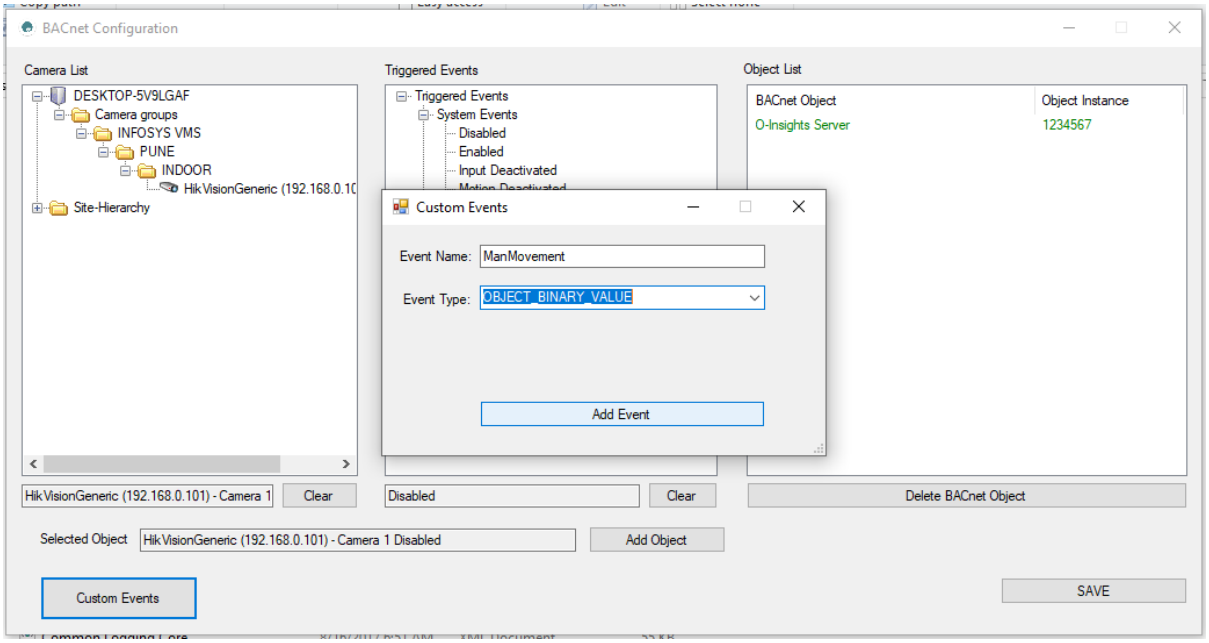
- List of all selected camera and their camera events are displayed in the third Object list in blue colour. Configuration will be saved on click of Save button.



- For custom events, click Custom Events button.



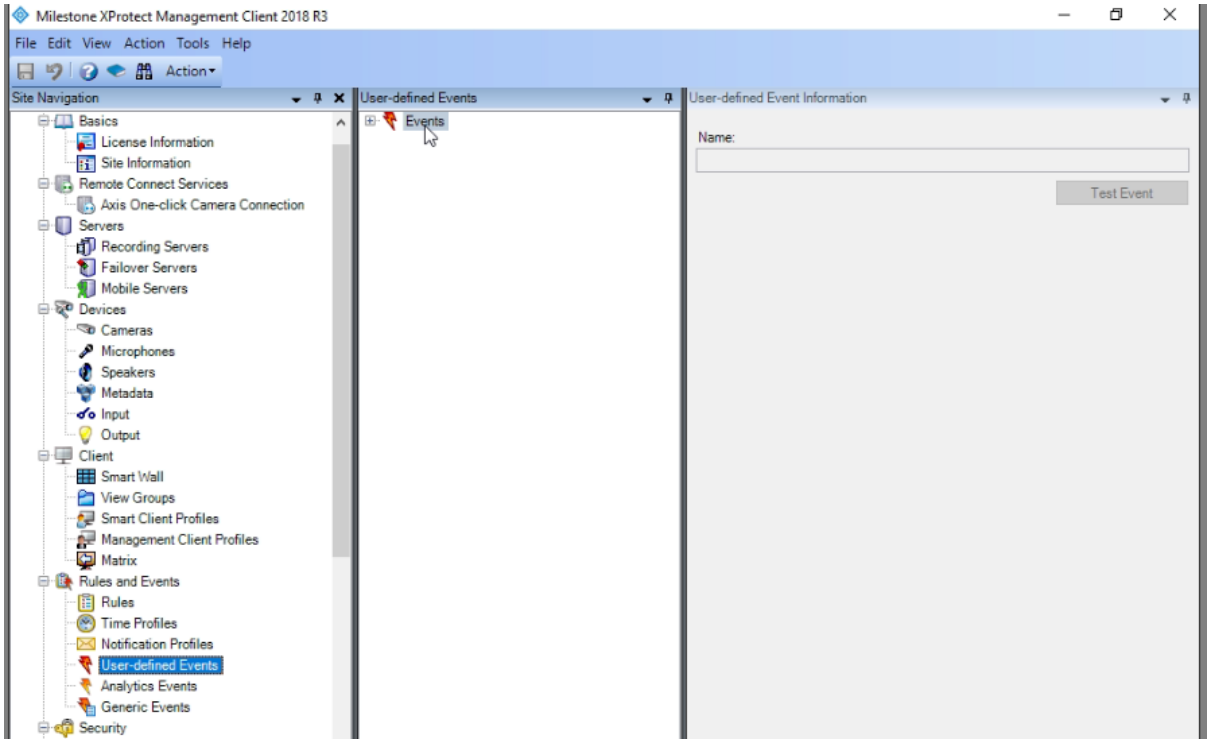
- A small window will open where in you have to enter the Event Name,select Event Type and Add Event.



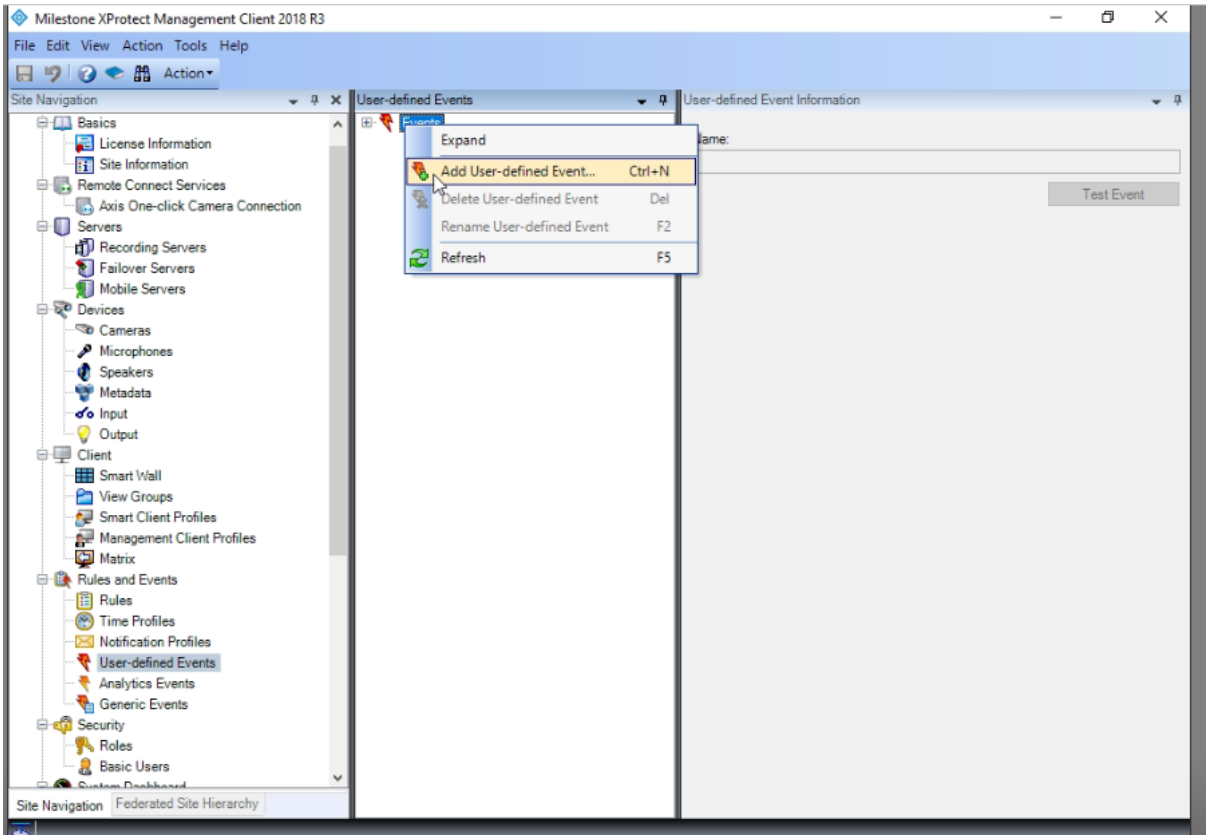
- Now restart both OdXel BACnet service followed by O-Insight service.
- All the alarms and analytical events generated in Milestone will be reflected in the BACnet objects.

To map BMS alarms to Milestone user defined events

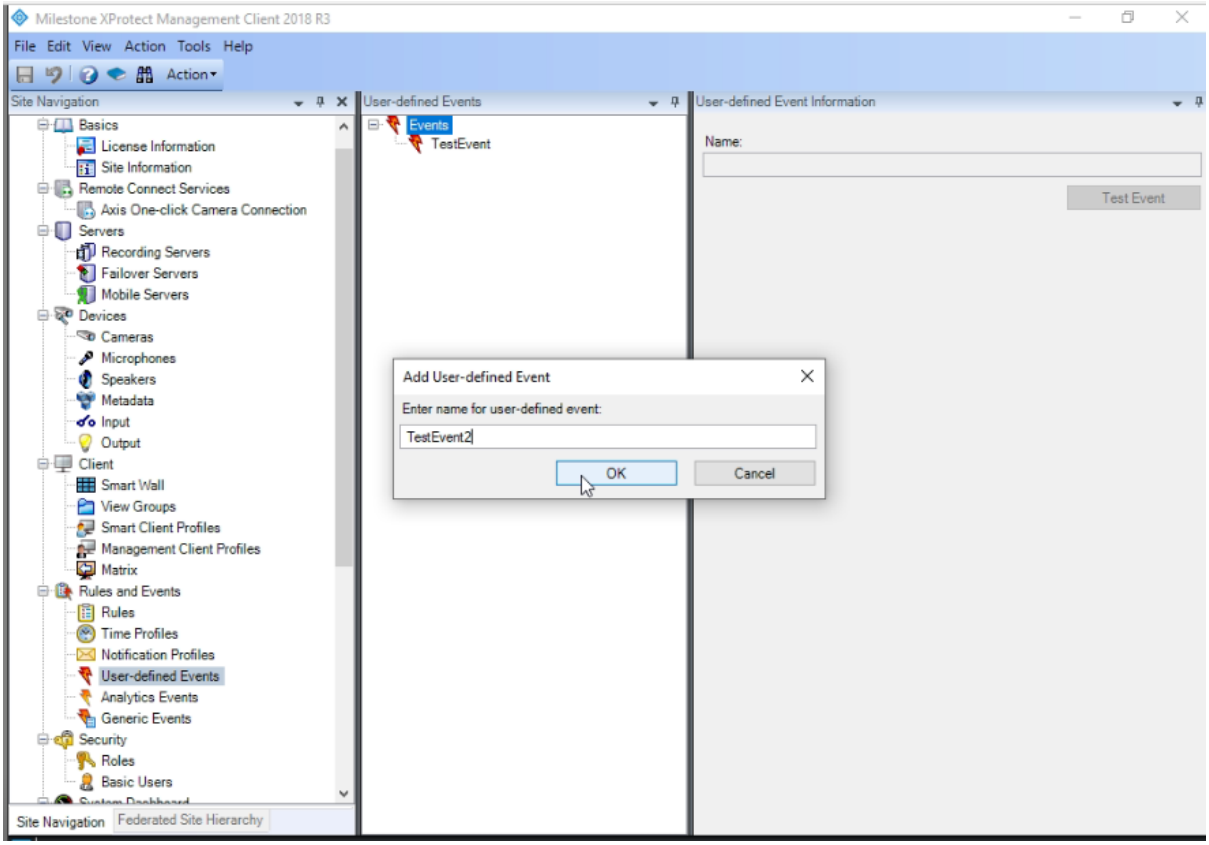
- Go to Rules and Events in Milestone server.
- Select User defined Events under that.



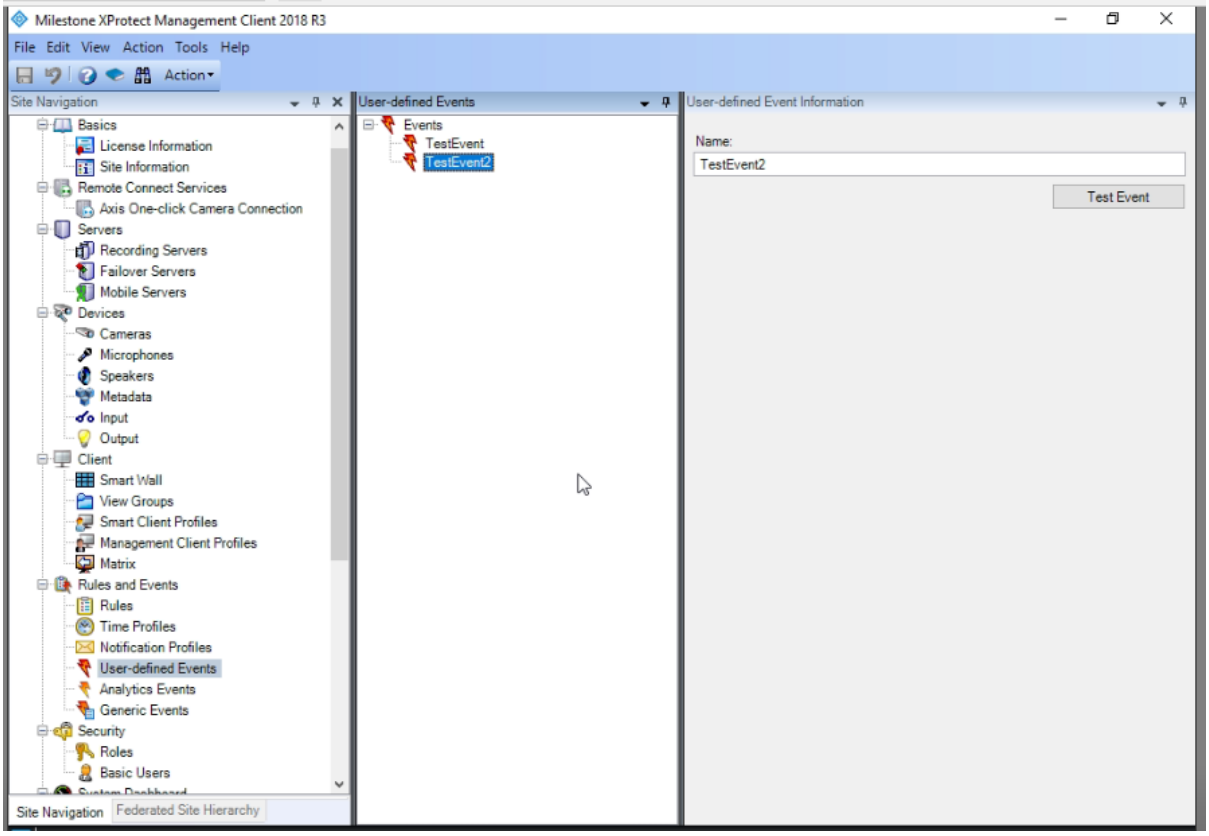
- Right click on the Events in the middle pane of window to select Add user defined Event.



- Enter the name for user-defined event in popped up window and click OK.

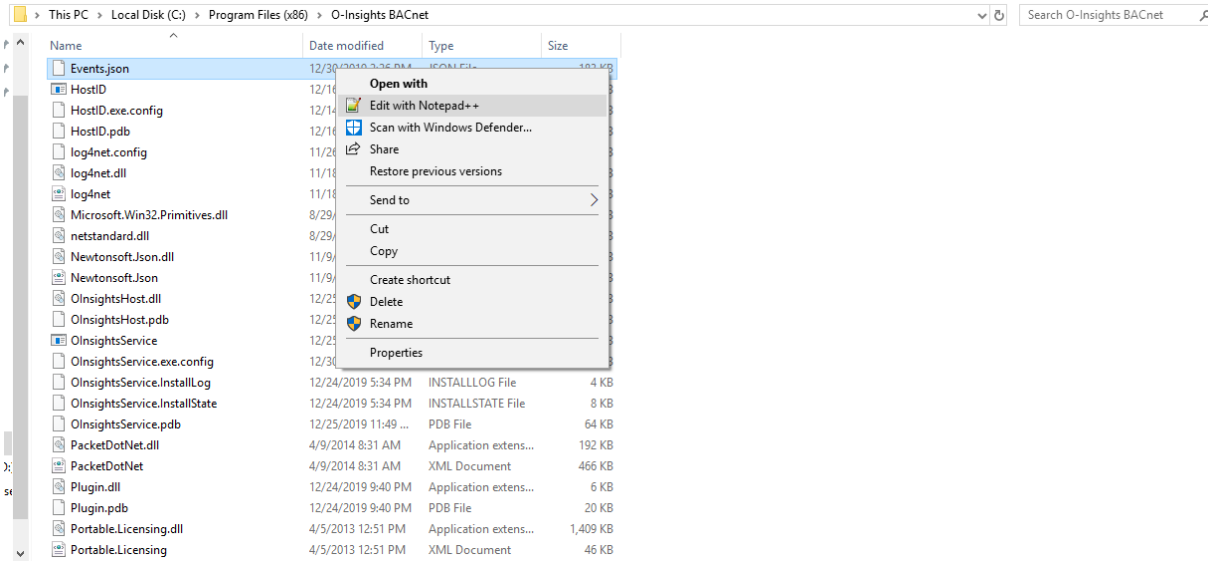


- Now this latest Event will be seen in the middle pane under user-defined events.

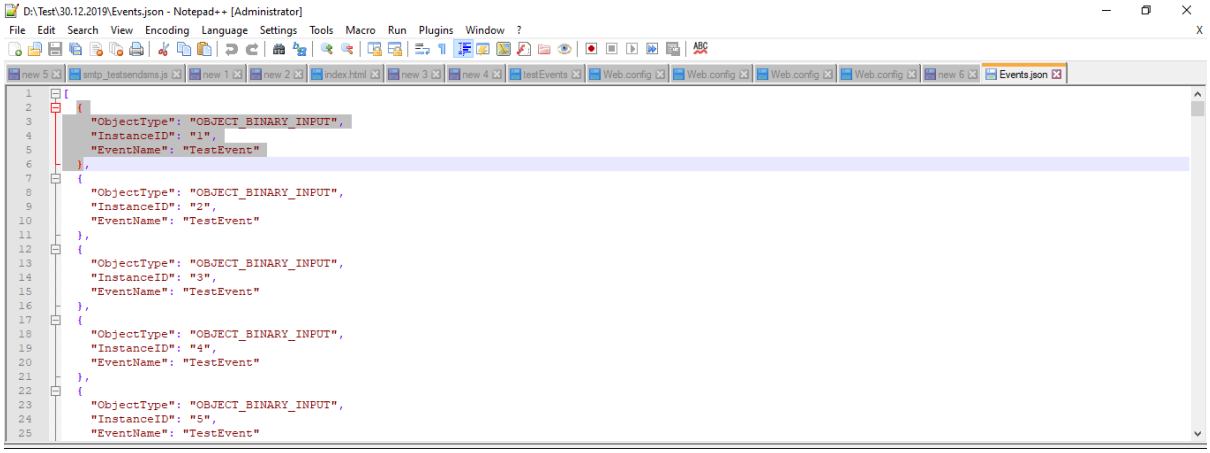


- Now BMS alarms are to be mapped to the Milestone user-defined events is kept in the “Events.json” file located in the following directory.

  ‘C:\Program Files (x86)\O-Insights BACnet’
- Right click on this file and Edit with Notepad++ to add BMS alarms t this file.

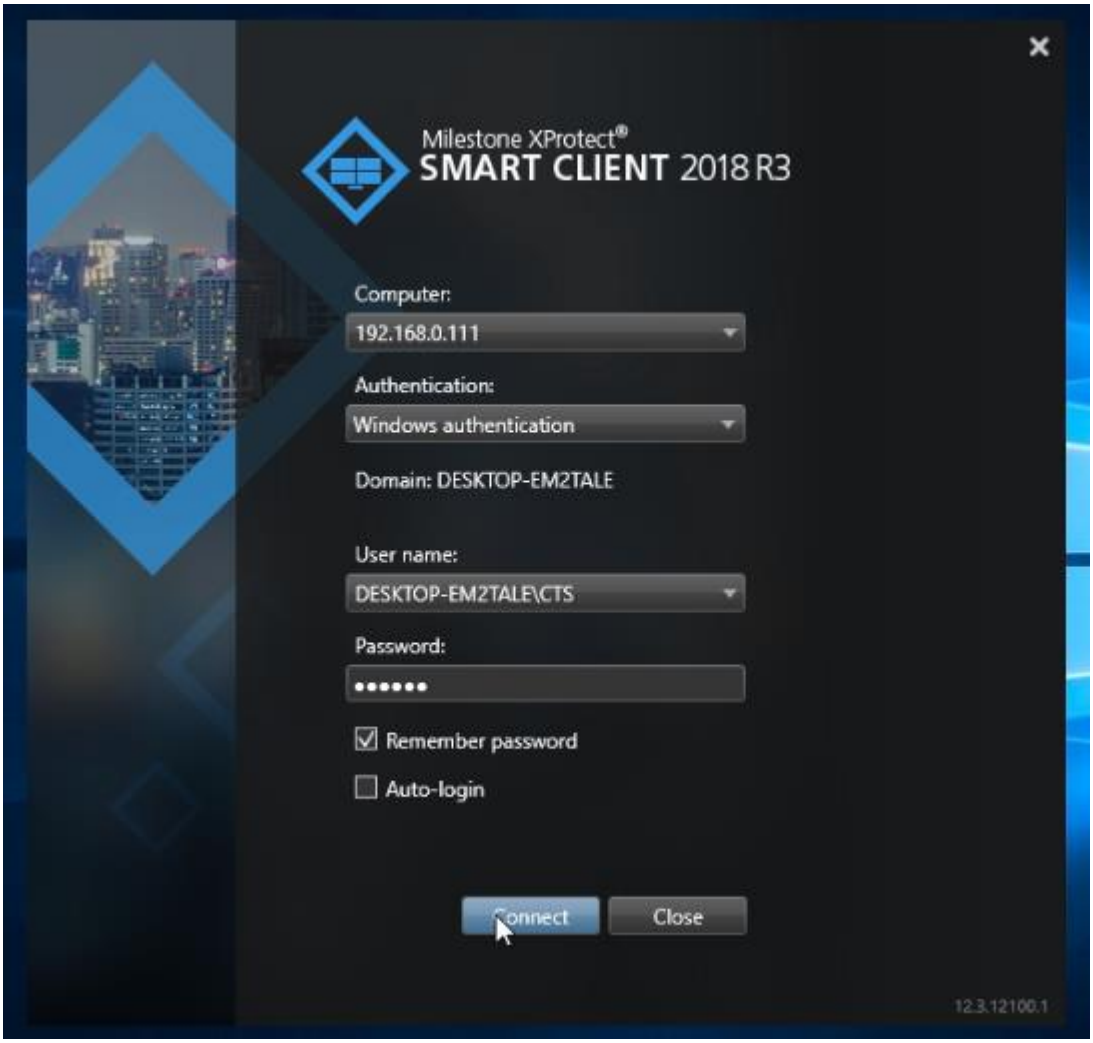


- Editing is very simple, as shown below. All the Events are to be entered in a simple format in the json.



Here Object type, Instance ID and EventName must be entered.

- Start Milestone Smart Client and go to Alarm Manager.


Milestone XProtect®
SMART CLIENT 2018 R3
Computer:
192.168.0.111
Authentication:
Windows authentication
Domain: DESKTOP-EM2TALE
User name:
DESKTOP-EM2TALE\CTS
Password:
Remember password
Auto-login
Connect
Close
12.3.12100.1

- Go to Alarm Manager tab, here all BMS alarms will be reflected.