OnSSI

OO-Ocularis-Flex

Installation & Configuration Guide

On-Net Surveillance Systems, Inc.
One Blue Hill Plaza, 7th Floor, PO Box 1555
Pearl River, NY 10965
Phone: (845) 732-7900 | Fax: (845) 732-7999
Web: www.onssi.com

OO-Ocularis-Flex 5.4.125.7

00008182017-1430-5.4.125.7

Table of Contents

Flex API

Pre-Requisites Server Requirements

- DNA Fusion version 6.6 is required.

- Flex API installed on the DNA Fusion server.

- Microsoft .NET 4.0 Framework or higher

- Windows 7 Professional or higher

- MSMQ

- XML-RPC

Configure the Flex API

1) The *Flex API Install.exe* must be run with Administrator privileges and installed in the Administrative Account. Do not install in *Local System*.

2) Conf*igure the Flex API.*

Install and run **C:\Program Files (x86)\Flex API\OpenOptions.dnaFusion.Flex.exe**.

The **Flex API** must be ins*talled with* administrative pri*vileges* and be installed in an administrative account. Do not install in *Local System*.

a) Set the Site Bindings...
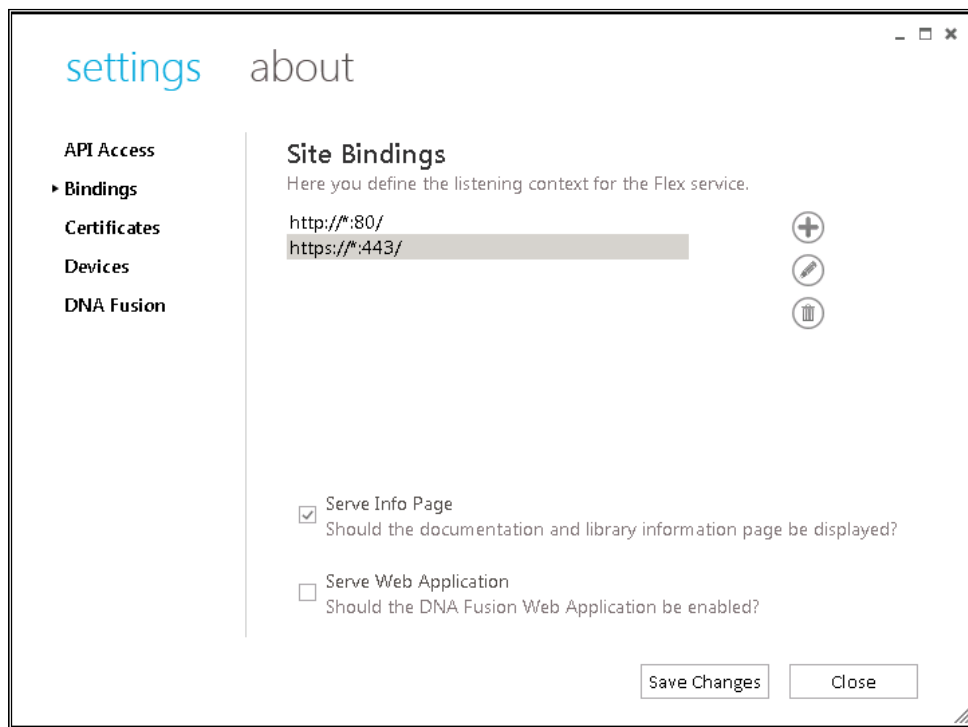
Custom Site Bindings...
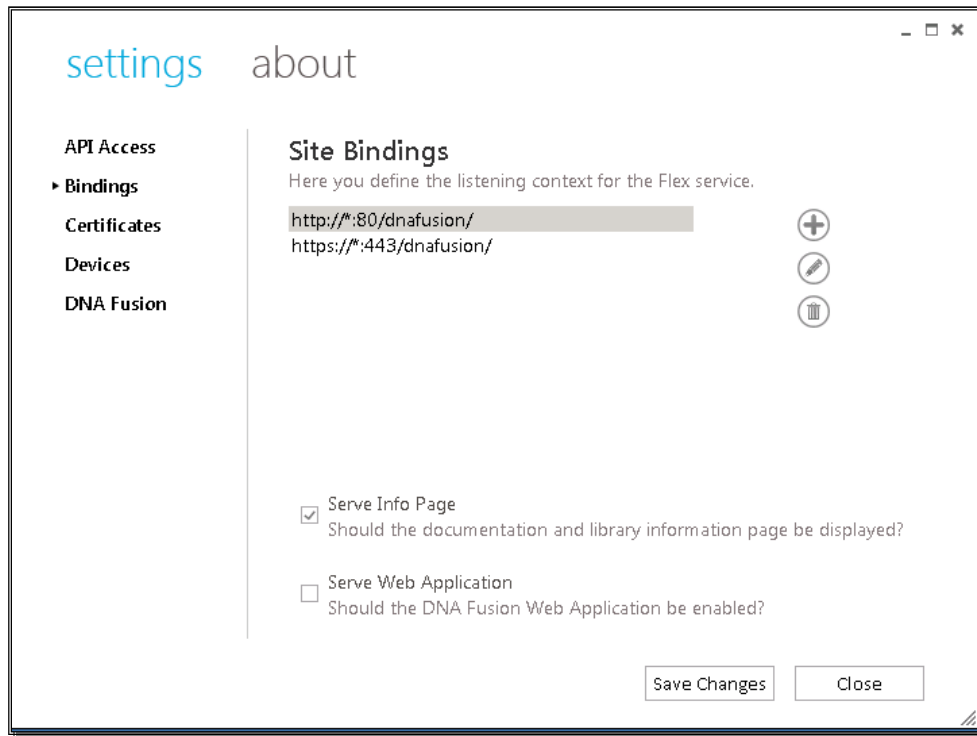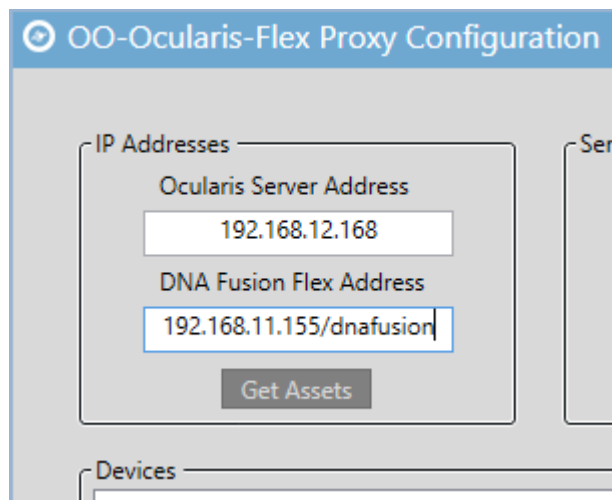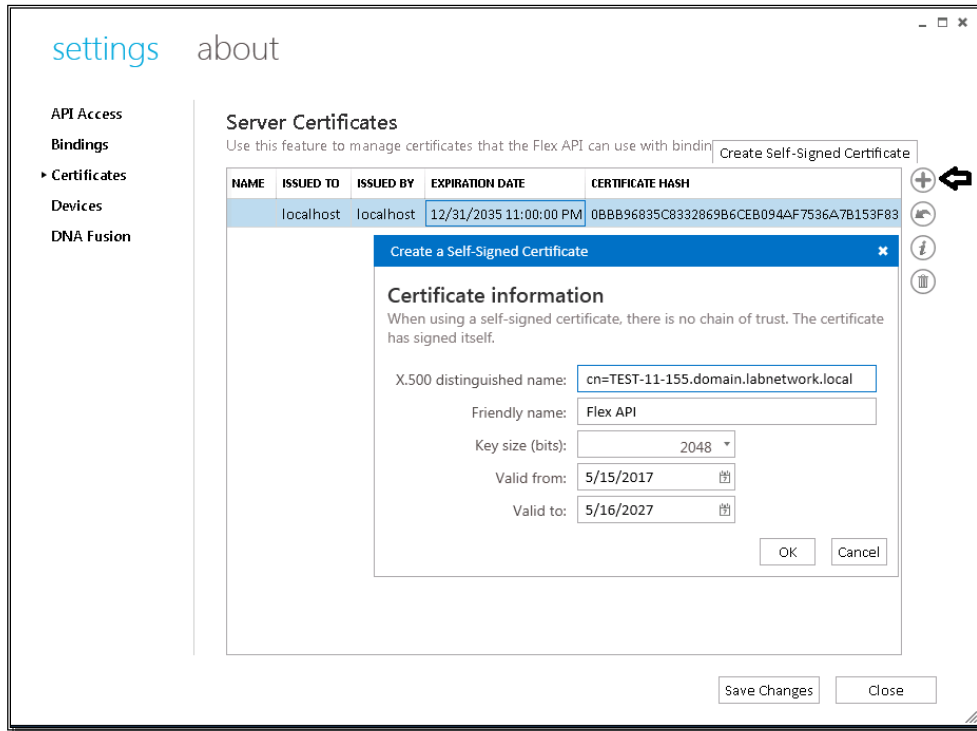

...require that the 'customization' be added to the **DNA Fusuion Flex Address** on the **OO-Ocularis-Flex Proxy Configuration** dialog, i.e. "192.168.11.155/dnafusion".

b)   Create a Self-Signed Certificate

3) **Save Changes**.

OO-Ocularis-Flex

Pre-Requisites Requirements

- Windows 7 Professional or higher

- Message Queuing - Ensure the system has Microsoft Message Queueing (MSMQ) installed.

Install the OO-Ocularis-Flex

Install the **OO-Ocularis-Flex** by executing the installer package (i.e. OO-Ocularis-Flex Installer a.b.c.d.exe).
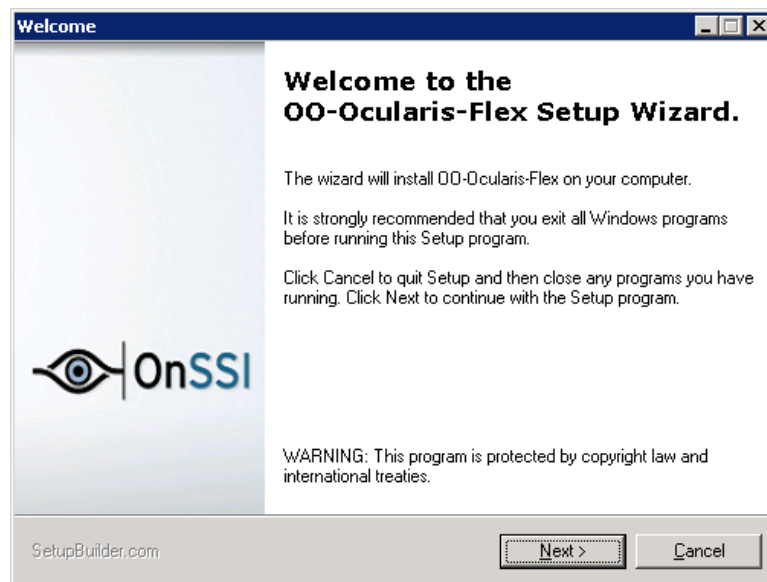
Welcome dialog for the **OO-Ocularis-Flex Setup Wizard** to have **Open Options DNA Fusion** devices and events delivered to **Ocularis**. Click **Next** to continue or **Cancel** to exit.
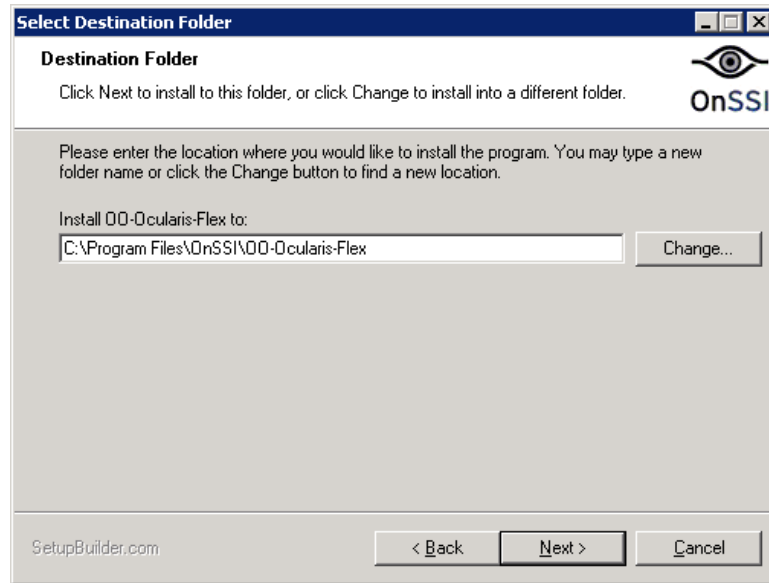
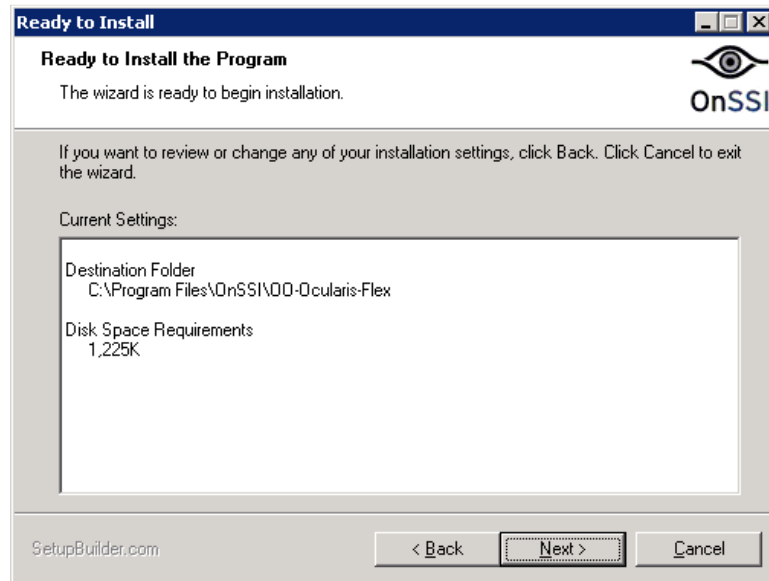**Select Destination Folder** where **OO-Ocularis-Flex** will be installed. Click **Back** to go back to the Welcome dialog.
The default **Install OO-Ocularis-Flex to** location is

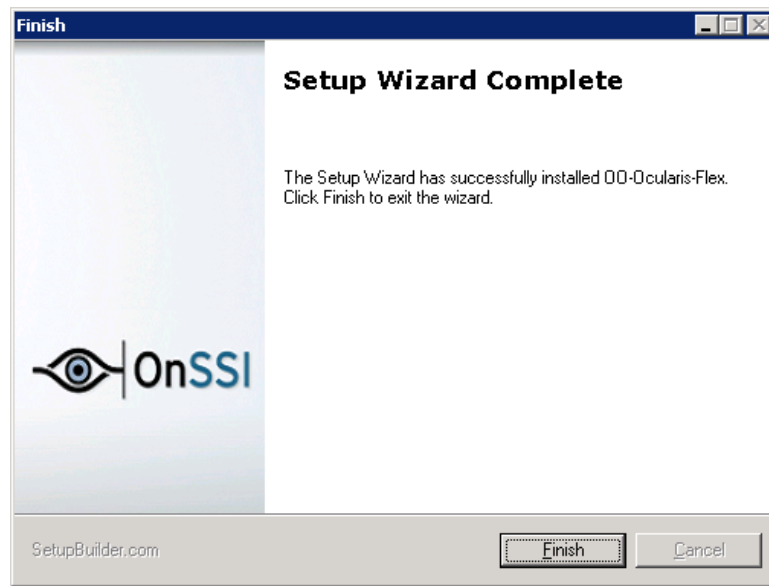**C:\Program Files\OnSSI\OO-Ocularis-Flex**.

Click **Change** to modify this location or manually type your location in the text box. If the settings are satisfactory then click **Next** to continue or **Cancel** to exit.

Review the settings. If modification is needed click **Back** and make the necessary changes. If the settings are satisfactory the click **Next** to proceed.
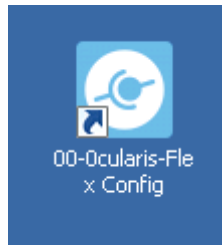
The plug-in will install.

The **OO-Ocularis-Flex Setup Wizard** has completed. Click **Finish** to exit the Setup Wizard.

Configure the OO-Ocularis-Flex

The **OO-Ocularis-Flex Config** icon will be present on the desktop.

Click the icon to launch the **OO-Ocularis-Flex Proxy Configuration** dialog.

Initial **OO-Ocularis-Flex Proxy Configuration** dialog is displayed.

IP Addresses

Enter the IP Addresses information.

Ocularis Server Address

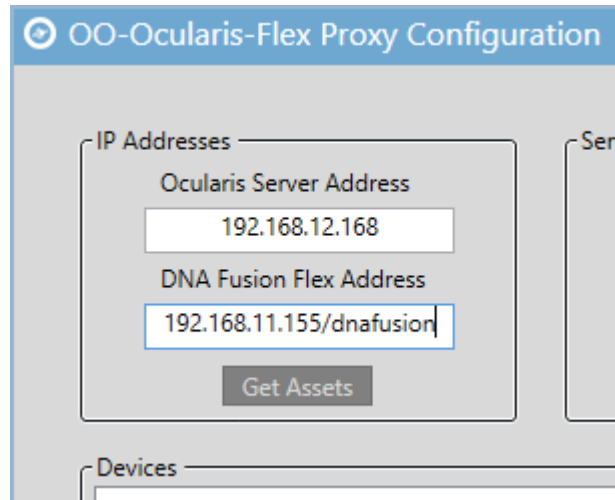This is the address of the Ocularis Server (Base). i.e.*192.168.12.168*
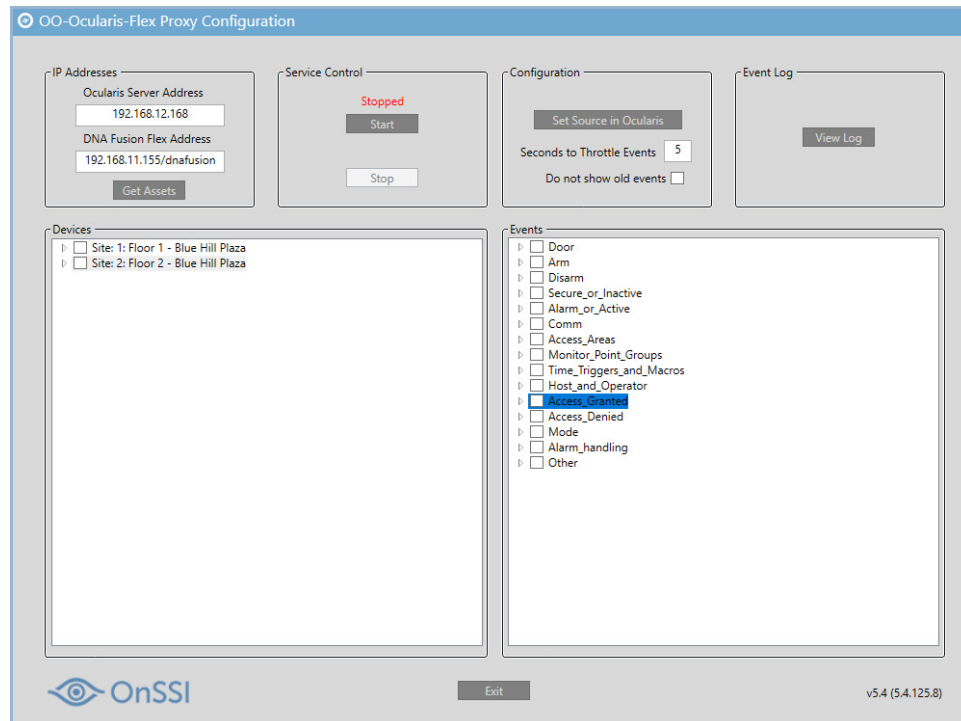
DNA Fusion Flex Address

Enter **DNA Fusion Flex Address**. i.e. *192.168.11.155/dnafusion*. Refer to #2a for custom site bindings.
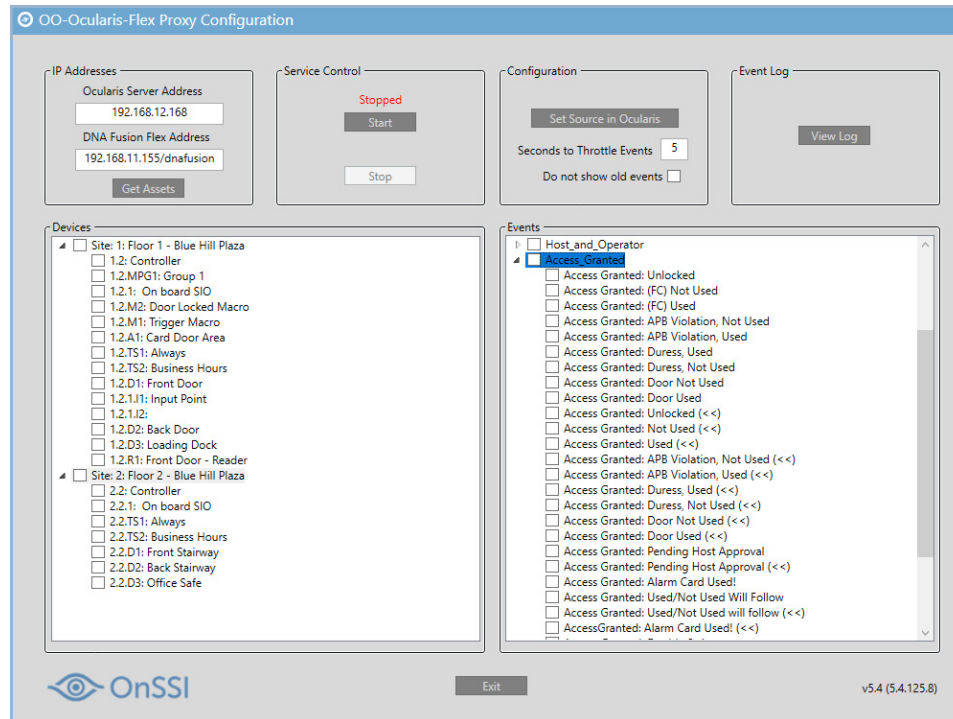
Get Assets

Click **Get Assets** to load the **DNA Fusion** assets into the OO-Ocularis-Flex Proxy.

The available DNA Fusion Devices and Events will populate the Devices and Events panes.

Click on the expand icon to expose all the information for the Devices and Events.

Select the desired Devices and Events.

For this example we will have 2 Sites:

Site: 1: Floor 1 – Blue Hill Plaza and

Site: 2: Floor 2 – Blue Hill Plaza

and with 3 doors:

       1.2.D1: Front Door

       1.2.D2: Back Door
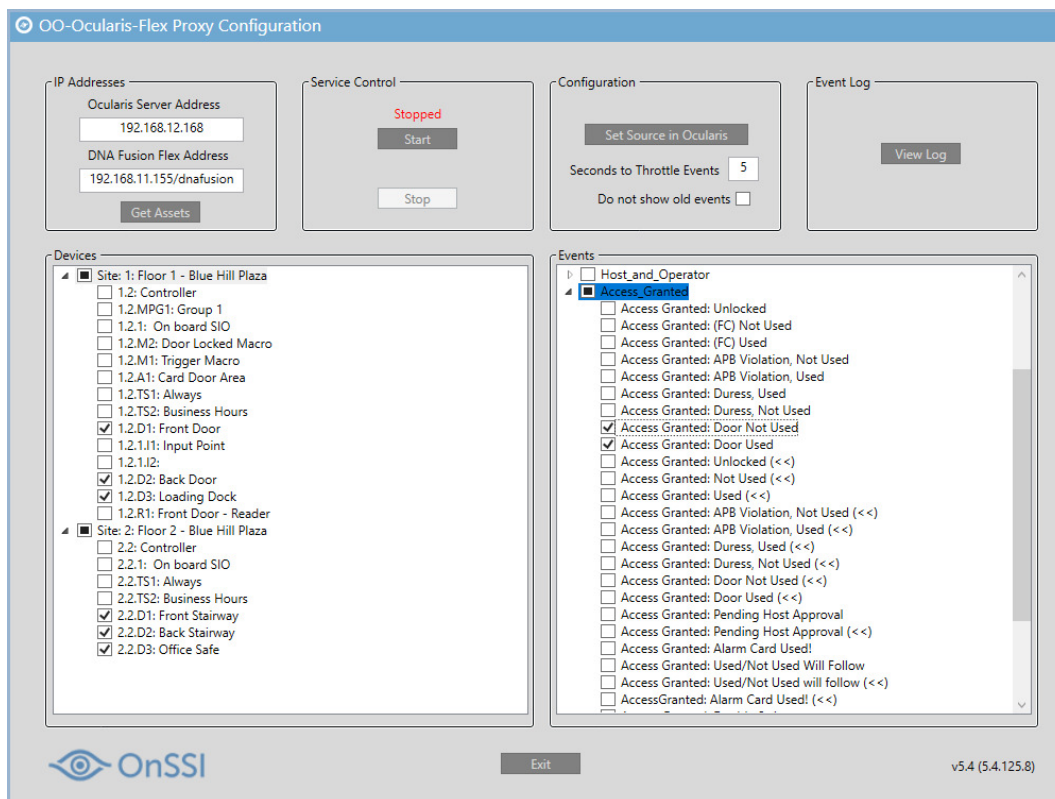
       1.2.D1: Loading Dock

       2.2.D1: Front Stairway

       2.2.D2: Back Stairway and

       2.2.D3: Office Safe.

We are interested in the **Access Granted: Door Used** and **Access Granted: Door Not Used** events.

__Configuration__

Set Source in Ocularis

Click **Set Source in Ocularis** to send the event source setup to the desired **Ocularis** system. The **DNA Fusion** and **Ocularis** are now linked.
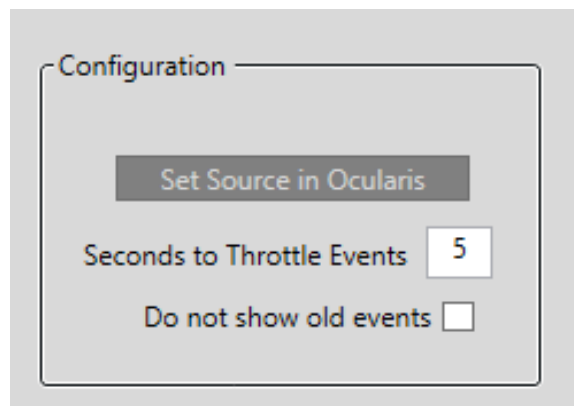
Seconds to Throttle Events

Optionally a value can be changed in **Seconds to Throttle Events** to ignore any like events being reported for the number of seconds configured. This is 5 seconds by default.

Do not show old events

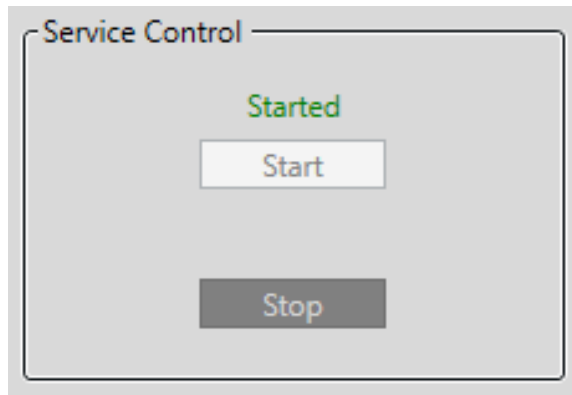Optionally, check ***Do not show old events*** if events that occurred prior to starting the service are not desired. This is unchecked by default.
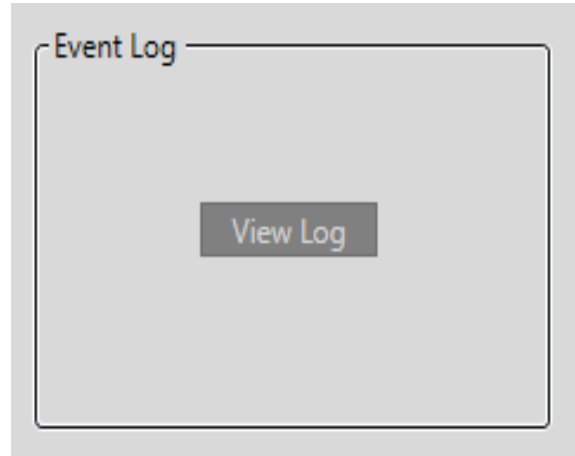
Service Control

Click ***Start*** to start the service. The Events will now flow from **DNA Fusion** to **Ocularis** using the OO-Ocularis-Flex.
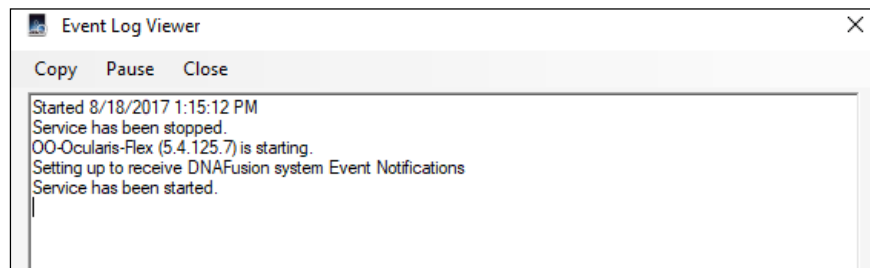

Event Log

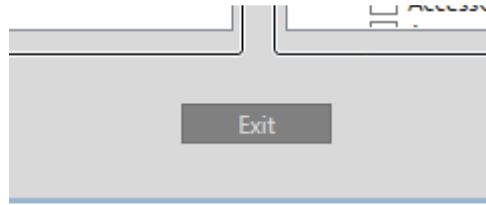If necessary use the Event Log to verify the communication from the plug-in to the Ocularis Base.

The content of the Event Log can be used by Tech Support if assistance is needed.

<u>Exit</u>
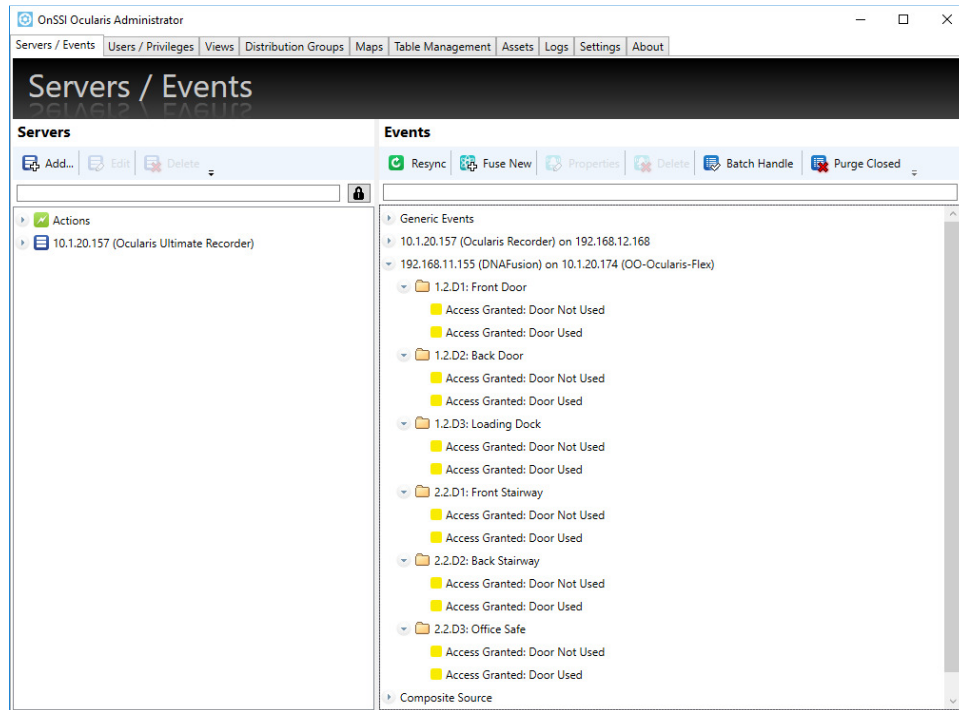
Click **Exit** to exit the dialog.

Ocularis

Ocularis Administrator Configuration

Launch Ocularis Administrator.

The **DNA Fusion** events should appear on the right in the Events pane of the **Servers**/**Events** tab.
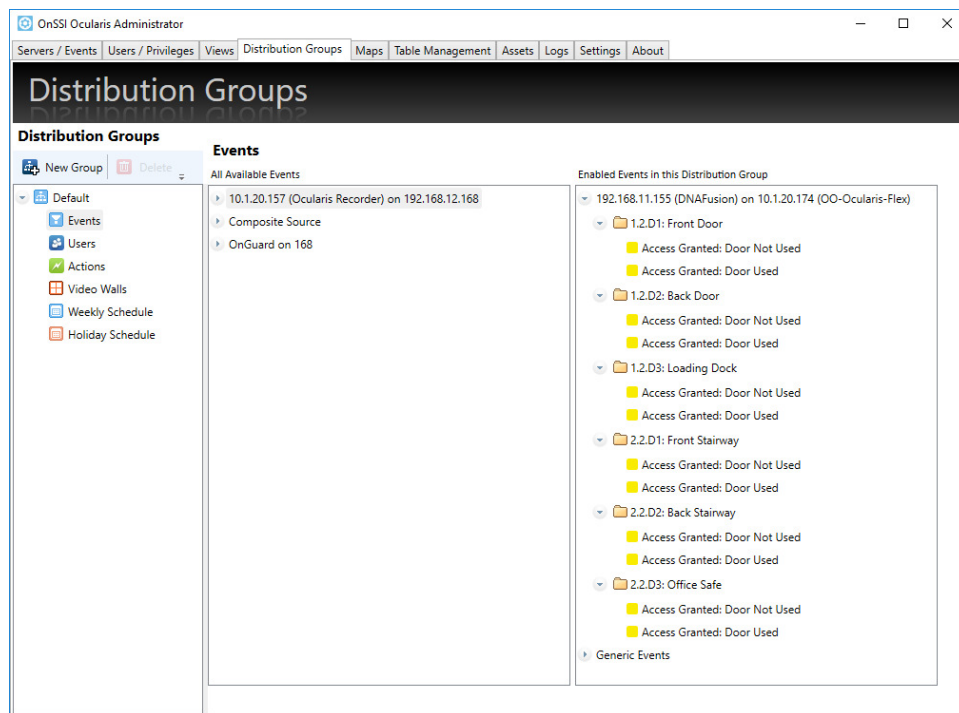
In our example these are *192.168.11.155 (DNAFusion) on 10.1.20.174 (OO-Ocularis-Flex)*

Associate cameras to the events you would like to monitor. Do this by expanding the cameras on the left **Servers** pane and dragging and dropping a camera from the left pane onto an event on the right **Events** pane.

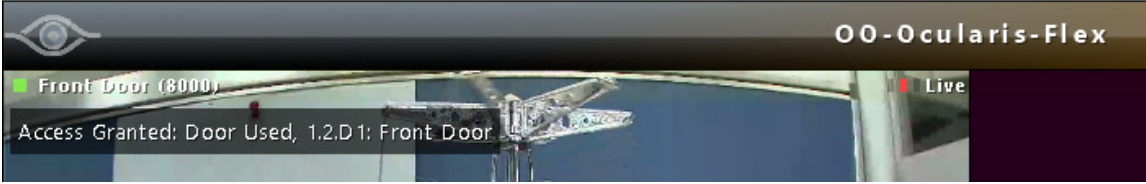Set up who can receive these alerts and when in the Distribution Group.

1) Click **New Group** to create a new event Distribution Group.
2) Identify the **DNA Fusion** events by expanding the event source and dragging and dropping the event(s) from the center pane to the right pane.
3) Identify which users should receive alerts when these events take place. Select **Users**, expand the user group and then drag and drop usernames from the center pane to the right pane.
4) Alerts will occur 24/7/365. If you would like to limit when the alerts get delivered, click Weekly Schedule and modify the schedule.

   For more details instructions, refer to the **Ocularis Adminstration User Manual** obtainable from the **About** tab.

Ocularis Client

The system is now set to receive events from **DNA Fusion** into **Ocularis**. Launch **Ocularis Client** and use a Blank Screen to view these events.

Miscellany

- On the configuration dialog, devices and events are only saved when the source setup is sent to Ocularis.

- To see additional data on the events being processed, add an xml node to the configuration settings file in C:\ProgramData\OnSSI\OnSSIFlexEventsService\OnSSIEventsConfig.xml

- The default polling interval is five seconds, this was suggested by Jeremy Brown at Open Options. The polling interval can be changed by adding an xml node to the configuration settings file in C:\ProgramData\OnSSI\OnSSIFlexEventsService\OnSSIEventsConfig.xml

  <pollrate>8000</pollrate>

  The value should be in milliseconds.

Contact Information

On-Net Surveillance Systems (OnSSI)

One Blue Plaza

7th Floor

P.O. Box 1555

Pearl River, NY 10965

Website:	www.onssi.com	
General:	info@onssi.com	845.732.7900
Fax:		845.732.7999
Sales Support:	sales@onssi.com	845.732.7900 x 1
PreSales Support	se@onssi.com	845.732.7900 x 2
Technical Support:	support@onssi.com	845.732.7979
Training:	training@onssi.com	845.732.7900 x 4
Marketing:	marketing@onssi.com	845.732.7900 x 5