



# Vx Continuum Plugin

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# Overview

The Continuum Vx PlugIn allows a user to view Continuum Access Control information from within the VideoXpert Ops Center.

This document provides information on installation and operation of the Continuum Plugin Administration tool and the Continuum Vx PlugIn.

## Installation

### PREREQUISITES

Prior to installation, the following should be installed:

- Microsoft .NET Framework 4.61 or later
- Microsoft Visual C++ 2015 Redistributables (x86)
- the VideoXpert VxOpsCenter must be installed

Any installation of the plugin before version 1.4.0.0 should be manually removed through the Control Panel in 'Programs and Features' due to the addition of a new installer in version 1.4.0.0

### PROCEDURE

Note: see **Installation > Prerequisites** for a list of requirements prior to installation.

To install the Continuum Vx Plugin, run the provided `setup.msi` file and follow the on-screen prompts. The new installer looks for a registry key provided by the VideoXpert Ops Center for the installation directory. Typically, installation will occur in `C:\ProgramData\Pelco\OpsCenter\Plugins\Pelco\Continuum`. Note that deletion of this directory will remove the plugin from the installed device without cleaning up entries in the Control Panel and Start Menu.

## Continuum Version

Continuum version 2.01.00 is known to work with this integration. Other versions of Continuum have not been qualified.

## Continuum Database Setup

Prior to running the Continuum Plugin Administration tool, the ODBC driver must be set up to allow communications to the Continuum database. The following setup information is derived from Continuum documentation.

### SETUP CONTINUUM DATABASE WITH ODBC

In 64-bit Windows, there are two **ODBC Data Source Administrators**: a 32-bit and a 64-bit variant. **Do not** run the **ODBC Data Source Administrators** from Control Panel\All Control Panel Items\Administrative Tools\ODBC Data Source Administrators.

To setup **Continuum Database**, you must run `C:\Windows\SysWOW64\odbcad32.exe`.

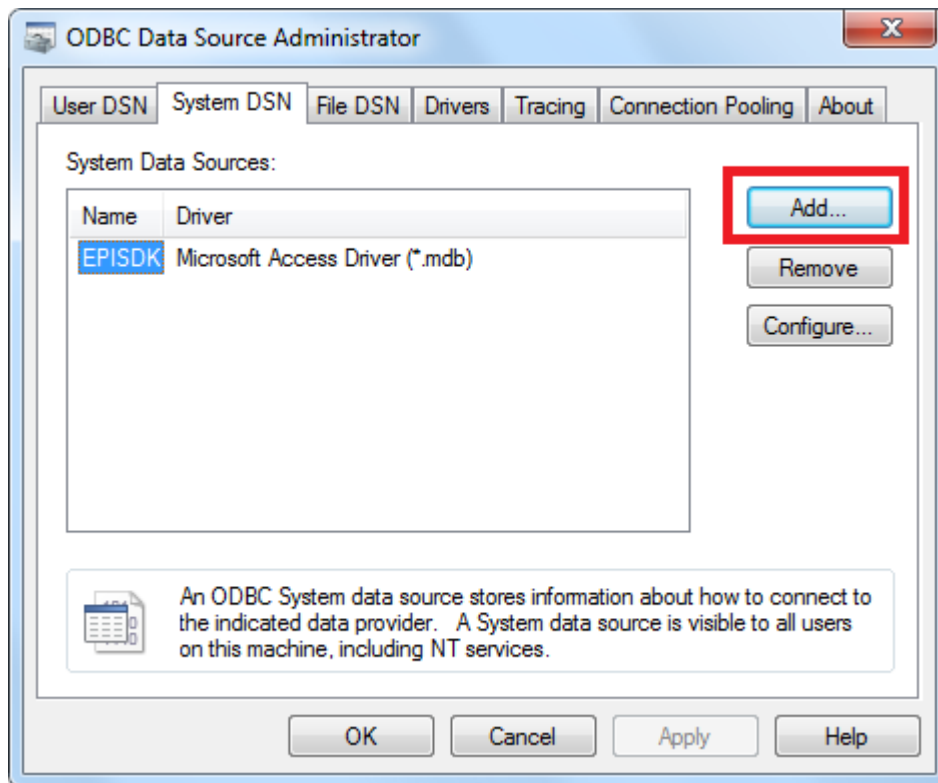


Figure 1: Add Data Source

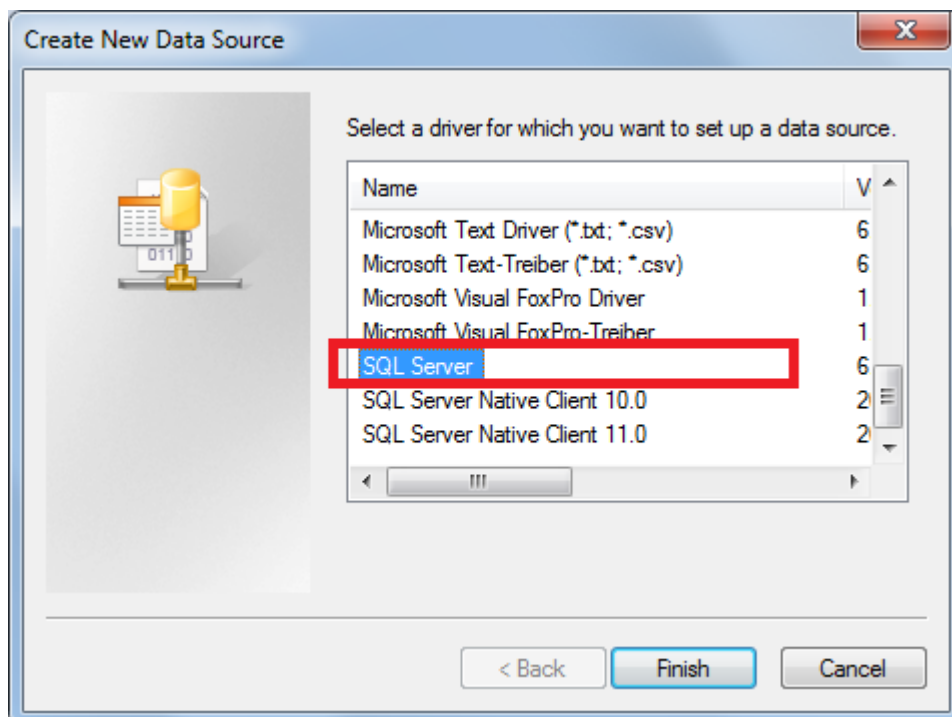


Figure 2: Select SQL Server

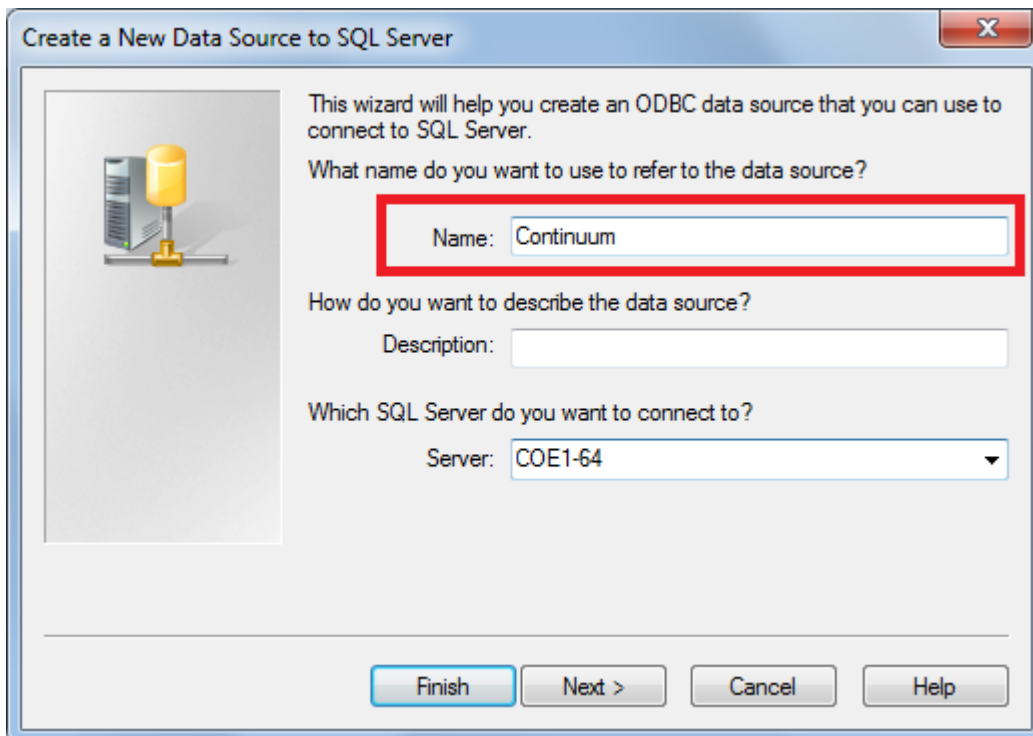


Figure 3: Input Data Source Name

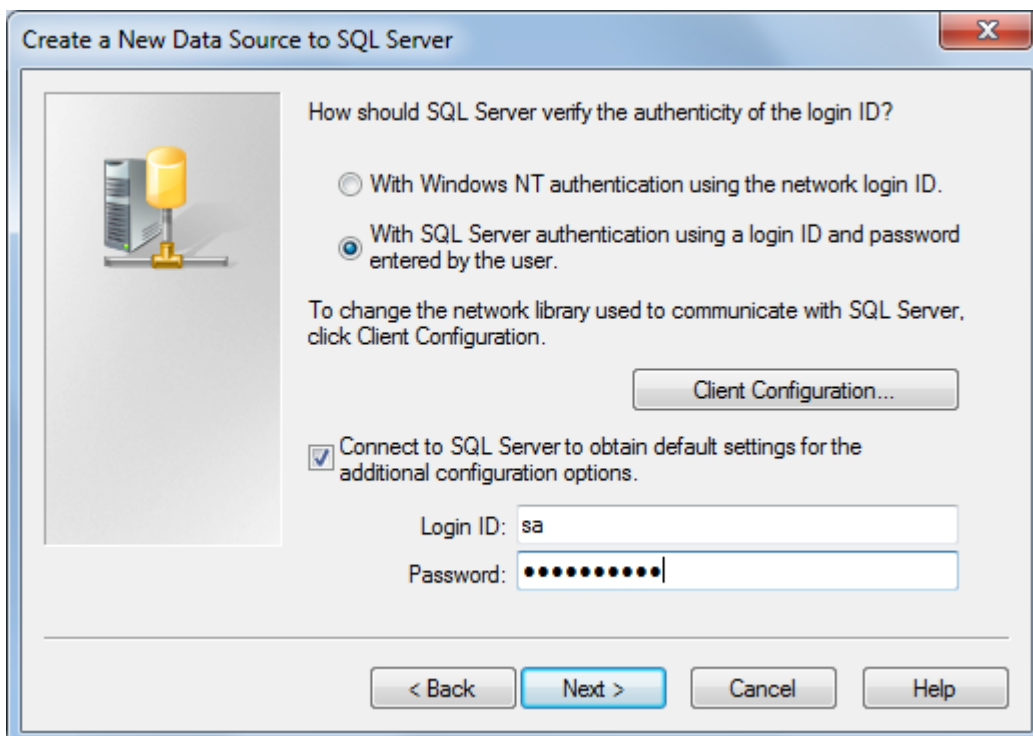


Figure 4: Input Login ID and Password

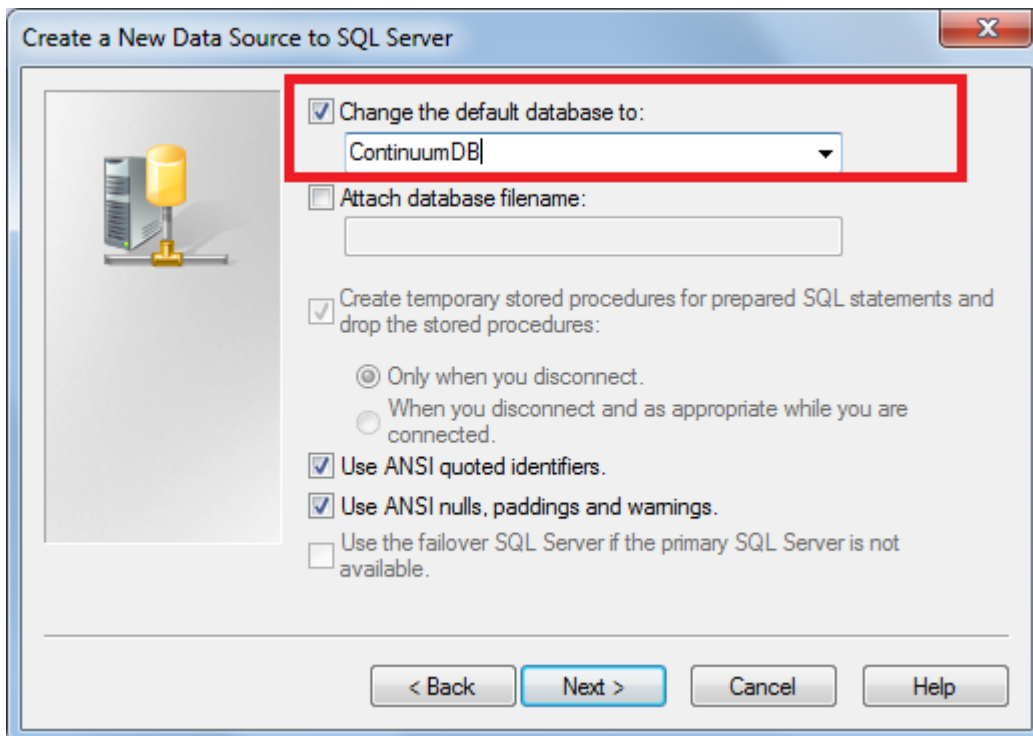


Figure 5: Input default database name

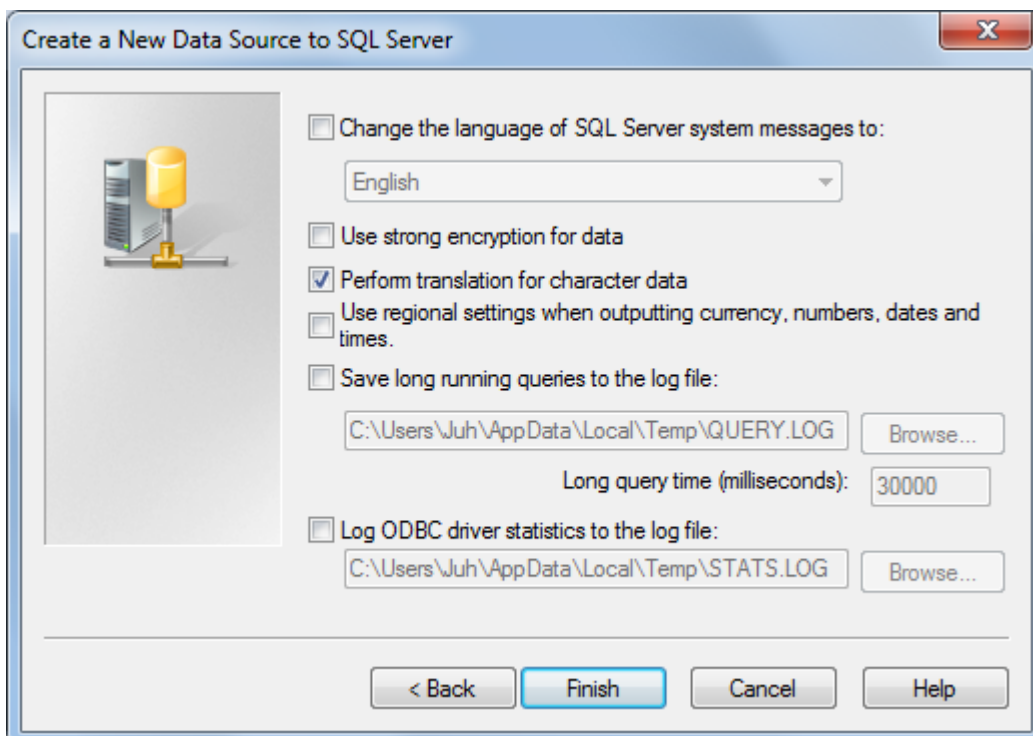


Figure 6: Finish

# Continuum Plugin Administration Tool

Prior to version 1.4.0.0, this tool could be found in the installation directory of the plugin. While this is still true, there is now a Start Menu item under 'Pelco' then 'Continuum Plugin Administration Tool'.

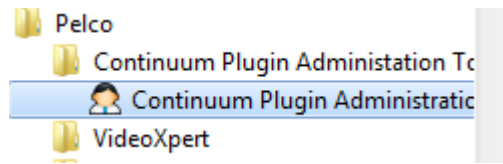


Figure 7: Administration Tool Start Menu Item

This tool must be run prior to using the Plugin.

## SETTINGS TAB

When the Continuum Plugin Administration software is run the first time, you need to configure the system by inputting the Continuum Database User Name and Password. Click the Test button to verify the database connection is OK.

You will also need to configure the communication to the VideoXpert system containing cameras that will be assigned to doors. Click the Test button to verify if the connection is OK. A message will appear indicating success or failure and you may be prompted to switch to the VideoXpert system from one that is already configured if applicable.

In order for the PlugIn module to be shown on VideoXpert Ops Center correctly, the PlugIn Settings need to be defined:

- Ratio: the horizontal ratio the plug-in module will occupy
- Min Size: the minimum pixels (width) of the plug-in module
- Max Size: the maximum pixels (width) of the plug-in module
- Min Size to Show Event List: the required minimum pixels (height) for the **Recent Events** List to be shown.

## DOORS TAB

Once connections have been established to both Continuum and VideoXpert, you may configure Camera/Door Associations using the Doors Tab. By Right Clicking anywhere under the list of Camera/Door Associations a context menu will pop up containing the options "Add", "Update Row" and "Delete Row". "Update Row" and "Delete Row" will only be available if a row is clicked on.

Selecting "Add" will bring up the "Add Camera/Door Association" dialog:



Figure 8: Add Camera/Door Association Dialog

Selecting "OK" will add this association to the list:

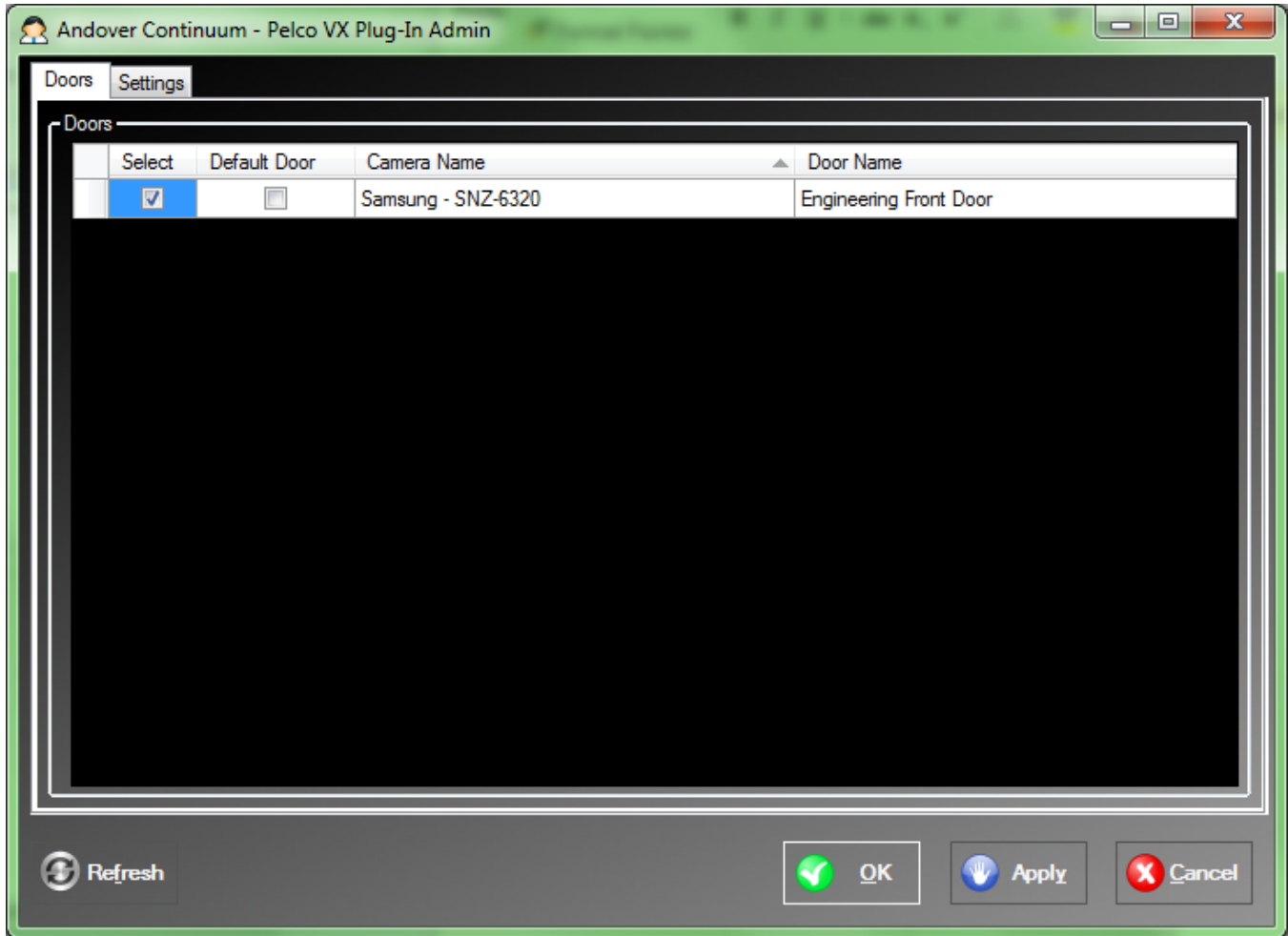


Figure 9: Camera/Door List

Checkmark "Select" for any camera you wish to have active within the PlugIn. The meaning of each row is as follows:

- **Select:** Select which camera-door set you want to show on the plug-in module
- **Default Door:** The default door to be shown on the plug-in Door Name combo box when a camera is associated with multiple doors.
- **Camera Name:** The name of camera associated the door
- **Door Name:** The name of the door which has camera(s) associated with

## EVENTS TAB

The Events Tab lets you decide whether or not to inject Events pulled from Continuum into VideoXpert and lets you decide what type of Event to inject along with properties to be included in the event.

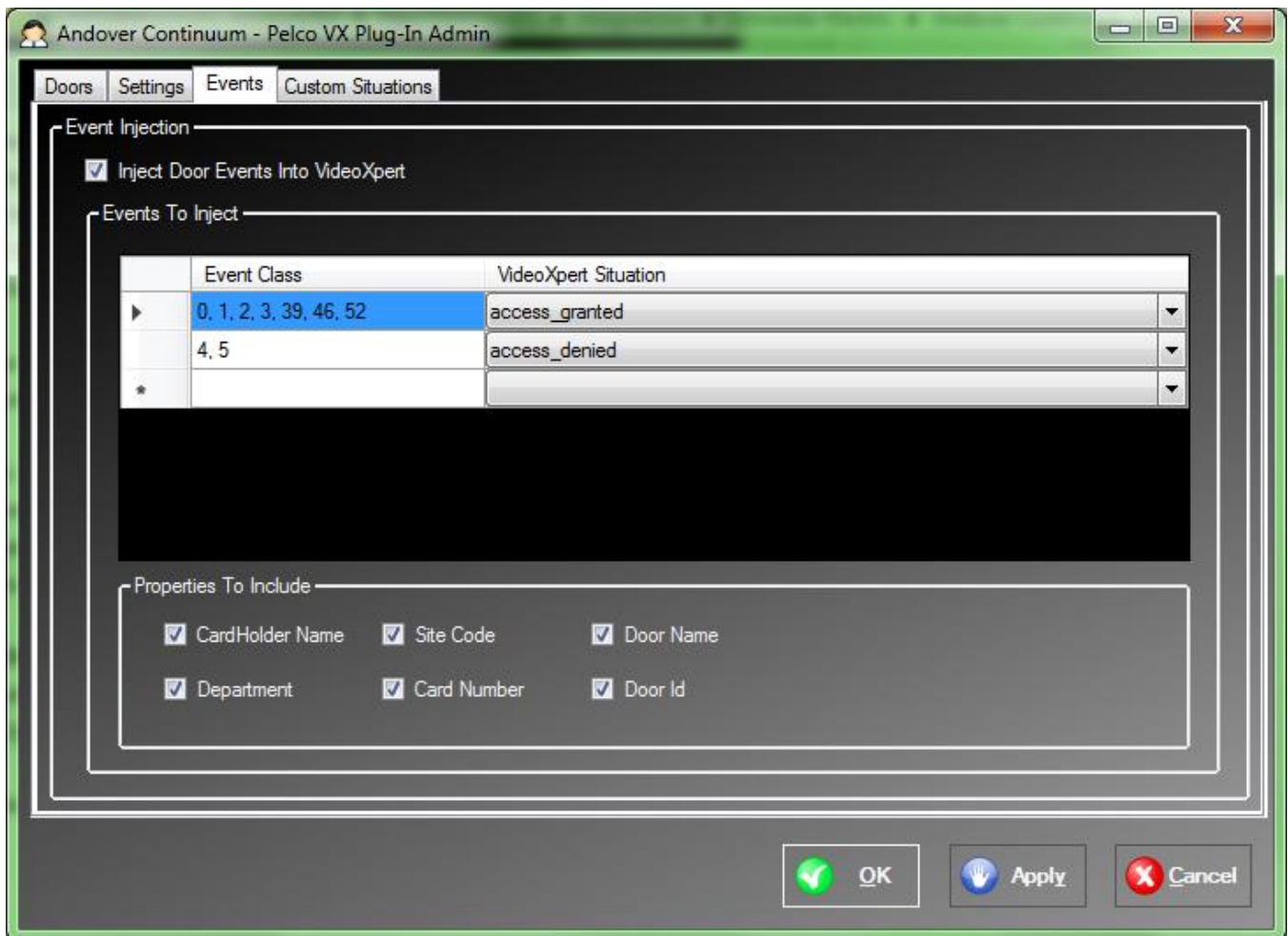
If "Inject Door Events into VideoXpert" is selected, the "Events To Inject" box will allow you to associate an Event Class from Continuum to a Custom VideoXpert situation (defined on the Custom Situations tab).

The Event Class is a number representing the type of event in Continuum. You may enter 1 or more Event Classes separated by a comma to association to a Custom Situation.

Valid Event Classes include polled by the plugin and event injection service include the following:

Event Class	Meaning
0	Valid Access
1	Valid Duress
2	Valid AntiPass
3	Valid Timed AntiPass
4	Invalid Access
5	Invalid AntiPass
39	Manual Area Assign
46	Valid NoEntry
52	Valid Executive Privilege

A typical installation may look something like the following:

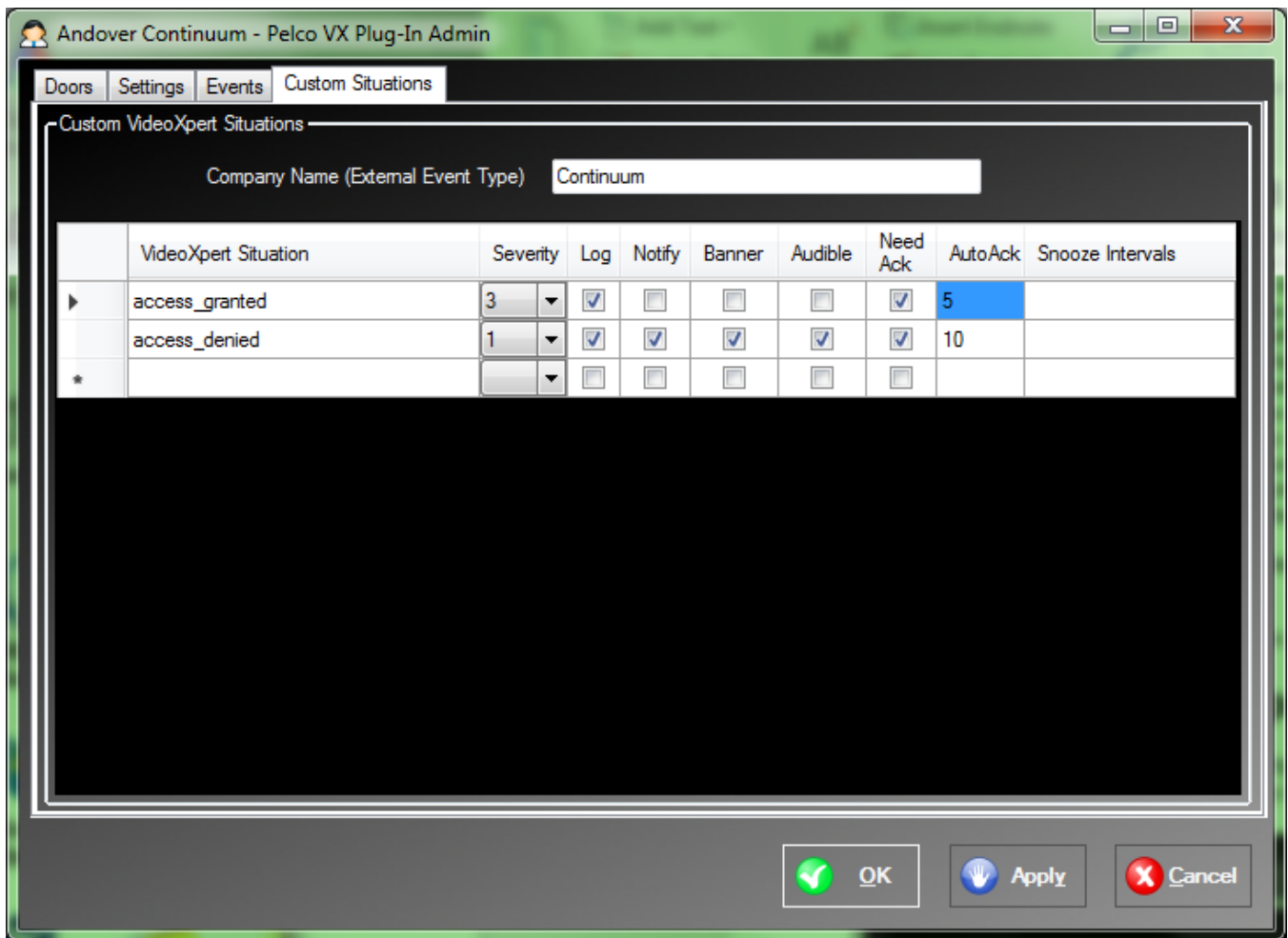


## CUSTOM SITUATIONS TAB

The Custom Situations Tab allows you to define new Situations to inject into VideoXpert. Custom or External situations normally take the form external/<company>/<event>. As such, there is a text edit box that allows you to enter the Company Name and an editable list of situations. Options for each situation include:

- VideoXpert Situation – this should be a string describing the situation to inject. It will become the <event> part of the SituationType that is injected. Something like “access\_denied” would be fitting.
- Severity – this is a number from 1 (highest) to 10 (lowest) indicating the severity of the situation.
- Log – select this option to log the event in VideoXpert.
- Notify – select this option to have the situation notify operators.
- Banner – select this option to display a banner to operators.
- Audible – select this option to produce an audible tone for operators.
- Need Ack – select this option to require an acknowledgement of the situation.
- Auto Ack – number of seconds for the system to automatically acknowledge the alarm. Leave blank to turn automatic acknowledgement off.
- Snooze Intervals – List of snooze intervals, in seconds, for the event. Leave blank for default “60, 300, 600”.

An example is shown below of how to define Custom Situations:



Once a Custom Situation is defined, it may be associated with a list of Event Classes on the Events tab.

## Continuum Plugin Operation

The Continuum Plugin is launched by selecting the “Overlay” dropdown in the VideoXpert Ops Center, selecting “ContinuumAccessOverlay” and dragging this item to a video cell.

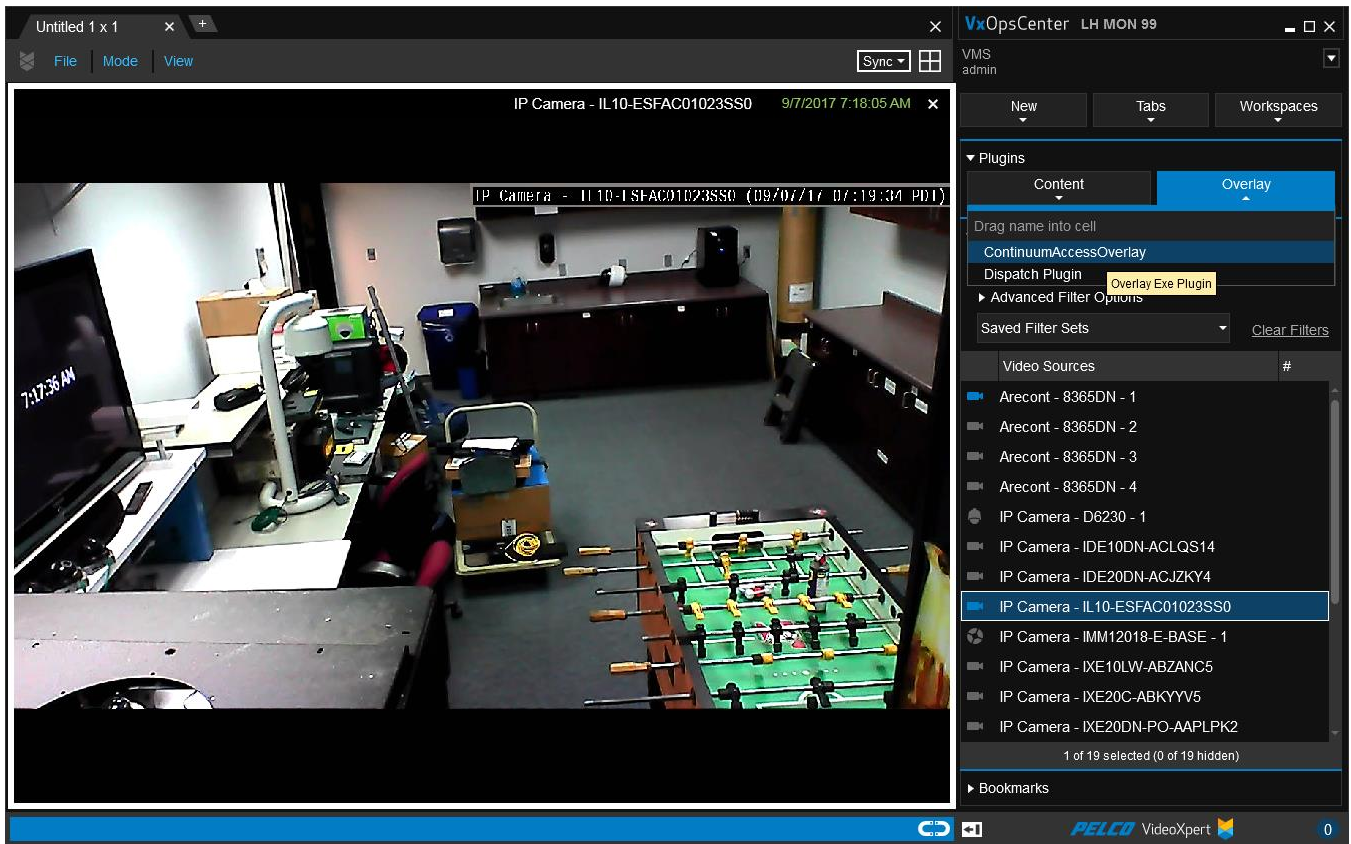


Figure 10: ContinuumAccessOverlay Menu Item

When the ContinuumAccessOverlay is dragged into a video cell and the video in the cell is not associated to a door, a message will appear indicating that no doors are associated with the camera.

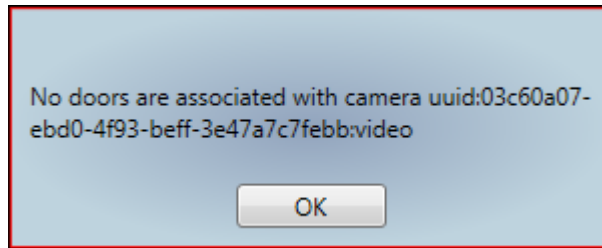


Figure 11: No doors associated message

If a camera is present in the cell that is associated to a door, the Plugin will display events associated with the door that is associated to the camera as in Figure 12. Note that the default door for that camera will be selected first. Other doors may be selected using the drop down list of doors associated to the camera being displayed.

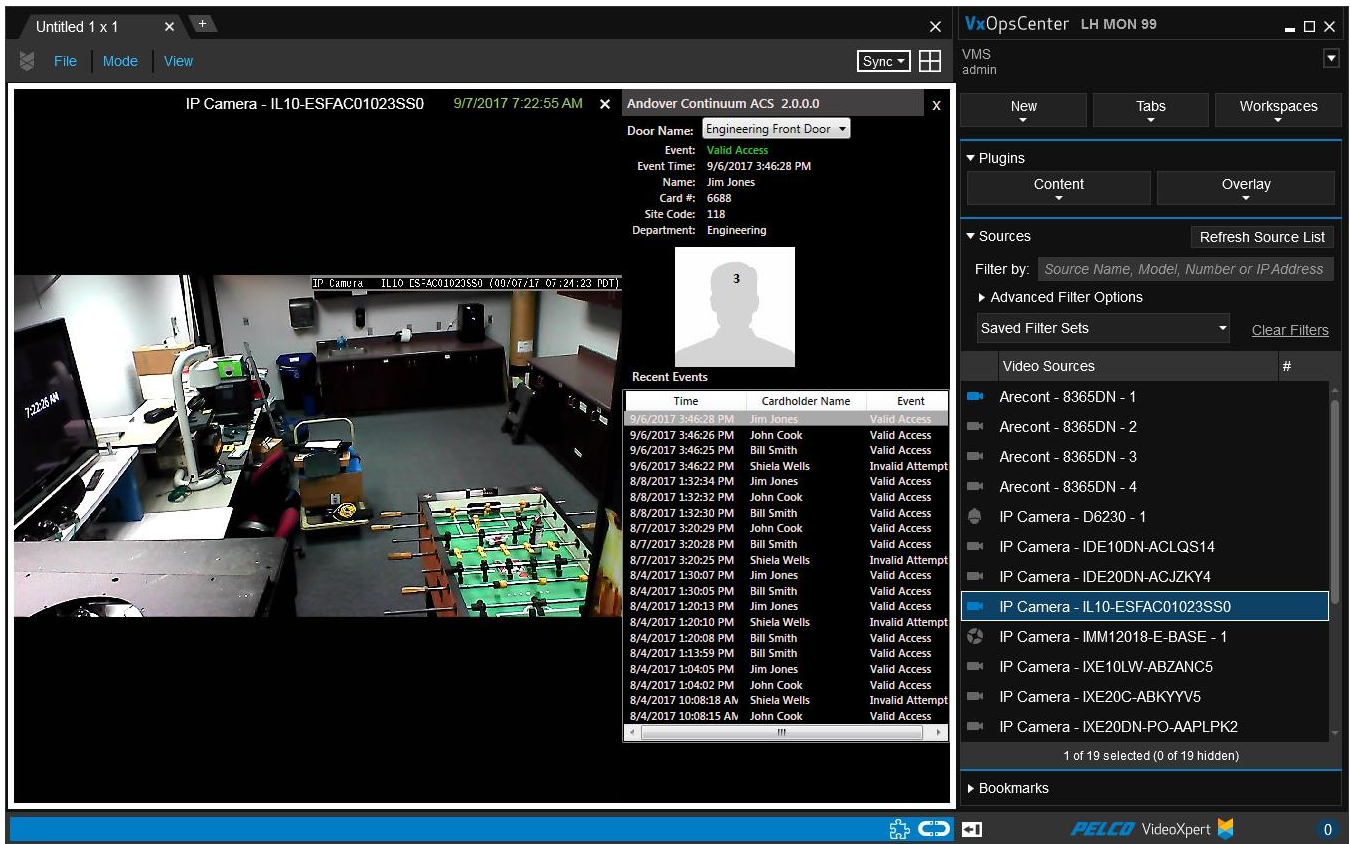


Figure 12: Continuum PlugIn with associated Camera

The “Recent Events” list may be clicked on to see information about the event, including the user associated to the event. The arrow keys will also allow you to select an event. Double clicking or pressing the Return key on a selection will playback video in the cell where the plugin is attached 5 seconds prior to the time of the event.

Andover Continuum ACS 2.0.0.0 X

Door Name: Engineering Front Door ▾

Event: **Invalid Attempt**


Event Time: 9/7/2017 8:01:57 AM

Name: Shiela Wells

Card #: 7016

Site Code: 201

Department: Engineering



Recent Events

Time	Cardholder Name	Event
9/7/2017 8:02:00 AM	John Cook	Valid Access
9/7/2017 8:01:57 AM	Shiela Wells	Invalid Attempt
9/6/2017 3:46:28 PM	Jim Jones	Valid Access
9/6/2017 3:46:26 PM	John Cook	Valid Access
9/6/2017 3:46:25 PM	Bill Smith	Valid Access
9/6/2017 3:46:22 PM	Shiela Wells	Invalid Attempt
8/8/2017 1:32:34 PM	Jim Jones	Valid Access
8/8/2017 1:32:32 PM	John Cook	Valid Access
8/8/2017 1:32:30 PM	Bill Smith	Valid Access
8/7/2017 3:20:29 PM	John Cook	Valid Access
8/7/2017 3:20:28 PM	Bill Smith	Valid Access
8/7/2017 3:20:25 PM	Shiela Wells	Invalid Attempt
8/4/2017 1:30:07 PM	Jim Jones	Valid Access
8/4/2017 1:30:05 PM	Bill Smith	Valid Access
8/4/2017 1:20:13 PM	Jim Jones	Valid Access
8/4/2017 1:20:10 PM	Shiela Wells	Invalid Attempt
8/4/2017 1:20:08 PM	Bill Smith	Valid Access
8/4/2017 1:13:59 PM	Bill Smith	Valid Access
8/4/2017 1:04:05 PM	Jim Jones	Valid Access
8/4/2017 1:04:02 PM	John Cook	Valid Access

Figure 13: Selecting an event from the Recent Event List

## Pelco Troubleshooting Contact Information

If the instructions provided fail to solve your problem, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international) for assistance.

## REVISION HISTORY

Manual Title	Date	Comments
ASCII Integration Service	05/17	Formatting changes.
ASCII Integration Service	01/17	Original version.

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