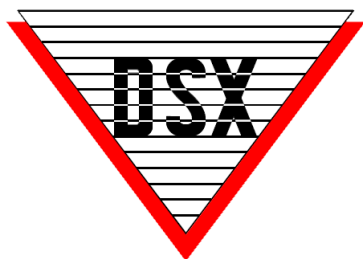


Avigilon Control Center System Integration Guide

with DSX Access Systems



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Introduction

The Avigilon DSX integration allows you to see live and recorded video from the Avigilon Control Center System in the WinDSX software.

Requirements

Vendor	Requirements
Avigilon	Control Center Server Software 5.0.2 and later.
Avigilon	Avigilon DSX integration zip file: <code>AvigilonDSXIntegration.zip</code> The file can be downloaded at http://avigilon.com/#/support-and-downloads/for-software/integration-and-plug-in-downloads/
DSX Access Systems	DSX Access Systems WinDSX 3.7.143 and later.
DSX Access Systems	USB Software Features Key

For More Information

For more detailed information about the procedures outlined in this guide, refer to the specific software documentation.

- *Avigilon Control Center Client User Guide*
- *Avigilon Control Center Server User Guide*
- *WinDSX User Manual*
- *DSX DVR/NVR Configuration*
- *DSX DVR/NVR Integration*

Installation

Server

- On one server in the WinDSX system, install the USB Software Features Key.

Client

- On each workstation that would need access to the integration, unzip a copy of the integration file in the same directory as the DSX software.
- Install [Microsoft .NET Framework 4.0 redistributable](#) on each workstation using the Avigilon DSX Integration.
- Install [DirectX End-User Runtimes \(June 2007\)](#) on each workstation using the Avigilon DSX Integration.

The Microsoft software can be found on Microsoft.com or by contacting Avigilon Support at support@Avigilon.com.

Configuration

Assigning Logical IDs to Cameras

In the Avigilon Control Center Client software, assign a logical ID to each camera. The WinDSX software will only detect cameras with a logical ID. By default, cameras do not have a logical ID.

1. In the Avigilon Control Center Client software, right-click a camera in the System Explorer and select **Setup**.
2. In the camera Setup dialog box, click **General**.
3. In the General settings dialog box, enter a **Logical ID** for the camera.

The logical ID must be unique number.

Adding an Integration User in Avigilon

To protect the security of the Avigilon Control Center Server, add a user to the Avigilon software specifically for connecting to the integration. See the *Avigilon Control Center Client User Guide* for details about how to add users.

This user must have the following permissions to enable all the integration features:

- View live Images
 - Use PTZ controls
- View recorded Video

The Avigilon DSX integration user name and password is required to add cameras in the Avigilon Control Center to the WinDSX software.

Adding Cameras to WinDSX

In the WinDSX DataBase program, you need to create camera profiles for all the cameras in the Avigilon Control Center before you can use the integration.

1. In the WinDSX DataBase program, expand the Location menu that you want the cameras to be linked to.
2. Select **Camera** then click the **Add** button.
3. In the dialog box, assign a number for the new camera profile.
4. Give the camera a name.
5. In the **Camera Type** field, select DVR.
6. Select the Digital Video Camera tab.
7. In the **Server Name** field, enter the Avigilon Control Center Server IP address.
8. In the following **Assign Cameras** field, enter the logical ID that was assigned to the camera in the Avigilon Control Center Client software. See *Assigning Logical IDs to Cameras* on page 2.

You can assign more than one camera to a camera profile, and a camera can be added to more than one profile.

- To add multiple cameras to a profile, enter the camera's logical ID followed by a comma then the next logical ID etc.
9. If the camera you are adding to this profile is a PTZ camera, select the **PTZ Camera** check box.
 10. Enter the username and password created in *Adding an Integration User in Avigilon* on page 3.

11. Click **OK** to save the camera profile.
12. Repeat this procedure until all cameras from the Avigilon Control Center have been added to the WinDSX software.

Once all the camera profiles have been created, you can assign the camera profiles to Inputs and Outputs in the WinDSX software. See *DSX DVR/NVR Configuration* for more information.

Using the Integration

After the integration has been installed and configured, you can access live and recorded video from Avigilon cameras through the WinDSX software. For more information, see the *DSX DVR/NVR Integration* manual.