

IDENTIV Video Integration Release 9 Installation Guide & Release Notes

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Overview

This document provides information about Release 9 of the Hirsch Video Integration, which is a separately licensed software product that provides the interface between Velocity 3.8.2 and a digital video recorder (DVR) or network video recorder (NVR). Several plug-ins are available to support a particular manufacturer's model of DVR or NVR, including:

- The 3VR plug-in supports various models of NVR or hybrid video recorder (HVR) from 3VR by Identiv. The video recorder is controlled by version N or later of 3VR's Video Management System, and uses version N or later of 3VR's SDK. The following graphics show a 2100-Series NVR and a 4100-Series HVR.



For information about the 3VR by Identiv Network Video Recorders and Hybrid Video Recorders, see <https://www.identiv.com/products/video-data-analytics/recorders/>.

For a list of supported IP cameras, see http://files.identiv.com/products/video-data-analytics/third-party-integrations/Supported-IP-Camera-List_3VR-by-Identiv.pdf.

- The American Dynamics plug-in uses v5.3 of the American Dynamics SDK and supports:
 - Intellex DVR (VMS v5.02)
 - VideoEdge NVR (VMS v4.8.1.558)
 - ExacqVision (8.2.2.107285)



- The Bosch plugin v1.3.9 supports Bosch Video devices using v10.0.1.1895 of the BOSCH VMS system or later and that are compatible with the Bosch SDK v6.32 and higher.



- The CISCO VSOM plugin v1.1.9 supports Cisco video devices running VSOM 7.9

After you license and install this integration, it extends the Velocity user interface to include numerous features which are documented in a context-sensitive help system that is delivered in a file named VideoIntegration.chm. Be sure to read that help system for important information about how to configure and use this integration.

In this document, there is information about:

- [System Requirements](#)
- [Licensing and Installing this product](#)
- [Known and fixed Issues in this release](#)

System Requirements

Besides this Hirsch Video Integration (and a supported plug-in), your system must include the following components:

- A physical access control system with various hardware components controlled by version 3.6 of the Hirsch Velocity security management system software
- A video surveillance system with cameras connected to a supported DVR or NVR.


Licensing and Installing this Product

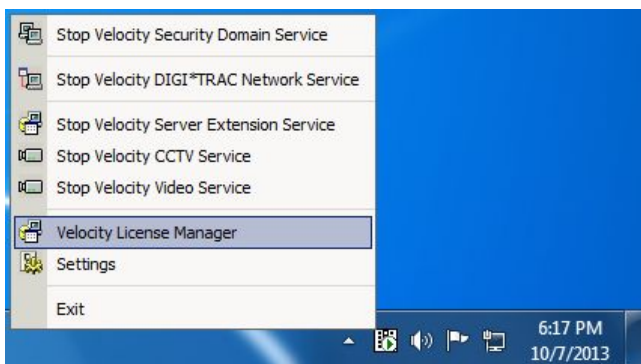
Before you can install the Hirsch Video Integration (and a supported plug-in) on your Velocity Server, you must obtain a separate license and activate it using Velocity's License Manager. After installing the integration, you must also perform a few configuration and setup tasks.


NOTE: The Hirsch Video Integration (and a supported plug-in) only needs to be installed on your Velocity Server. Any remote Velocity Clients will automatically try to be updated the next time they are restarted and connect to the updated Velocity Server. However, the client update will fail with an "Access Denied" message unless the Velocity operator is both a member of the Velocity Administrators group and has the Windows local Administrator privilege to install software on that computer.

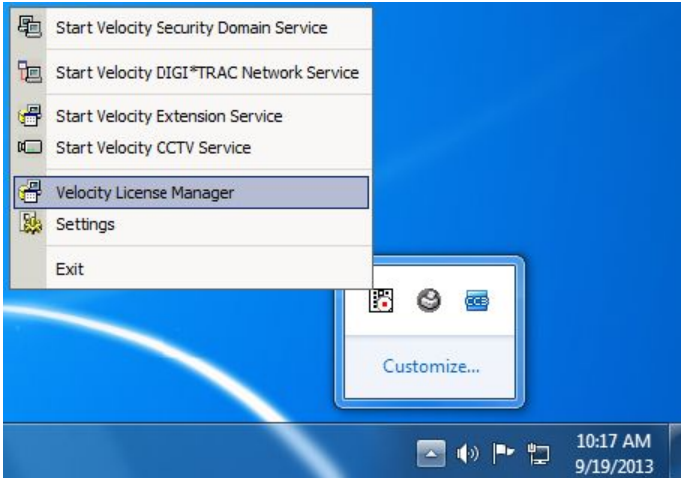
Licensing the Hirsch Video Integration and DVR Plug-in

Prerequisites: To license version 1.1.3 of the Hirsch Video Integration, you will need a licensed Velocity 3.6 system, and a personal computer with email access so you can provide Identiv with information about your Velocity system and receive a lengthy license key.

1. Contact Identiv's Sales department to purchase a license for this video integration (and the desired plug-in).
2. They should ask you to send them an email message containing the Server ID of your Velocity Server. (Exchanging this information via email instead of by phone ensures that it is correct, and provides us with an email address so we can send you the license key.) The Server ID is obtained from the Velocity License Manager.
3. Open the Velocity License Manager.
 - If the Velocity Service Control Manager icon  is displayed in the Windows taskbar, right-click on it and choose **Velocity License Manager** from the pop-up menu.

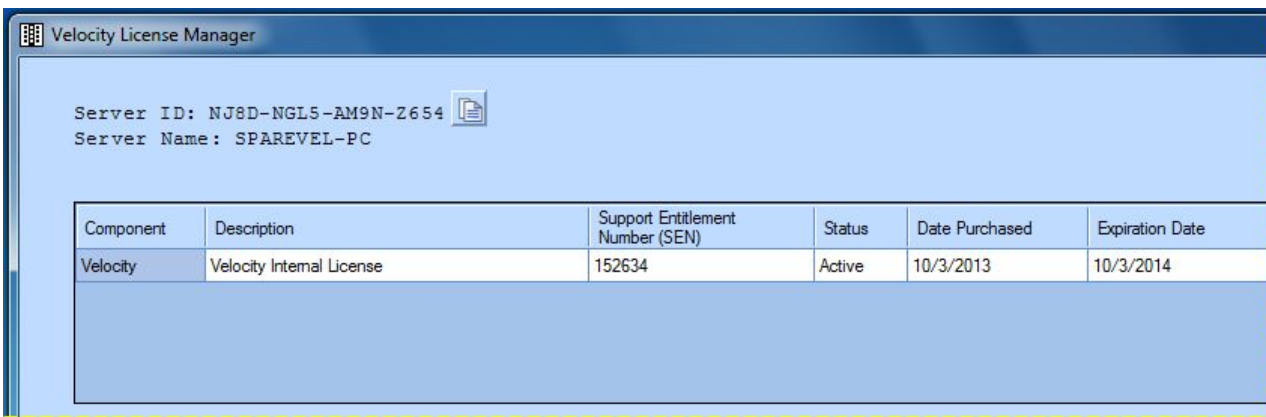


- If the Velocity Service Control Manager icon is **not** displayed in the Windows taskbar, click the upwards-pointing triangle  on the left side of the taskbar to show the hidden icons for additional programs.



The Velocity License Manager displays information about the licenses for the installed components. The critical piece of information needed to obtain a license for the Hirsch Video Integration is the Server ID.

4. Click the button after the Server ID to copy that information to the Windows Clipboard, and then paste it into an email message to Identiv so we can create your license key. (If you don't have email access on your Velocity Server, you can paste the information into a text file and transfer it between computers using a USB drive.)



5. Close the Velocity License Manager.
6. After you receive an email containing your license key, copy all the characters between the **-- License Key Start --** and the **-- License Key End --** lines (as shown by the yellow highlighted portion of the following screen capture).

Hirsch Velocity License Key for Server (SPAREVEL-PC) / (NJ8D-NGL5-AM9N-Z654)

Velocity Licensing Admin System

Sent: Thu 10/3/2013 2:42 PM

To: sblossom@dentive-group.com

The Hirsch Velocity license key included below is for
(Velocity Video Integration Plug-in - Aventura) with the
following attributes:

Service Entitlement Nunmber: SEN-152635

-- License Key Start --

```
P7Fnw/m9XMJj0zG1Q902uBvtcP9K/qXYKE4kAeAs8pBCsoMEKF3Rj5UH8fIi
ah0MDmuvGH/w0ZDwrKpa94j176TqCCICyZ3wc2l9AdCjBVFD5pmB5B7v/B7J
Sk+DY3eN/bcba/+3g4yvtLp1Qa0bsSLNcUlskuQeCXqXsWdzh4KikdJrbFmp
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```

-- License Key End --

Thank you,

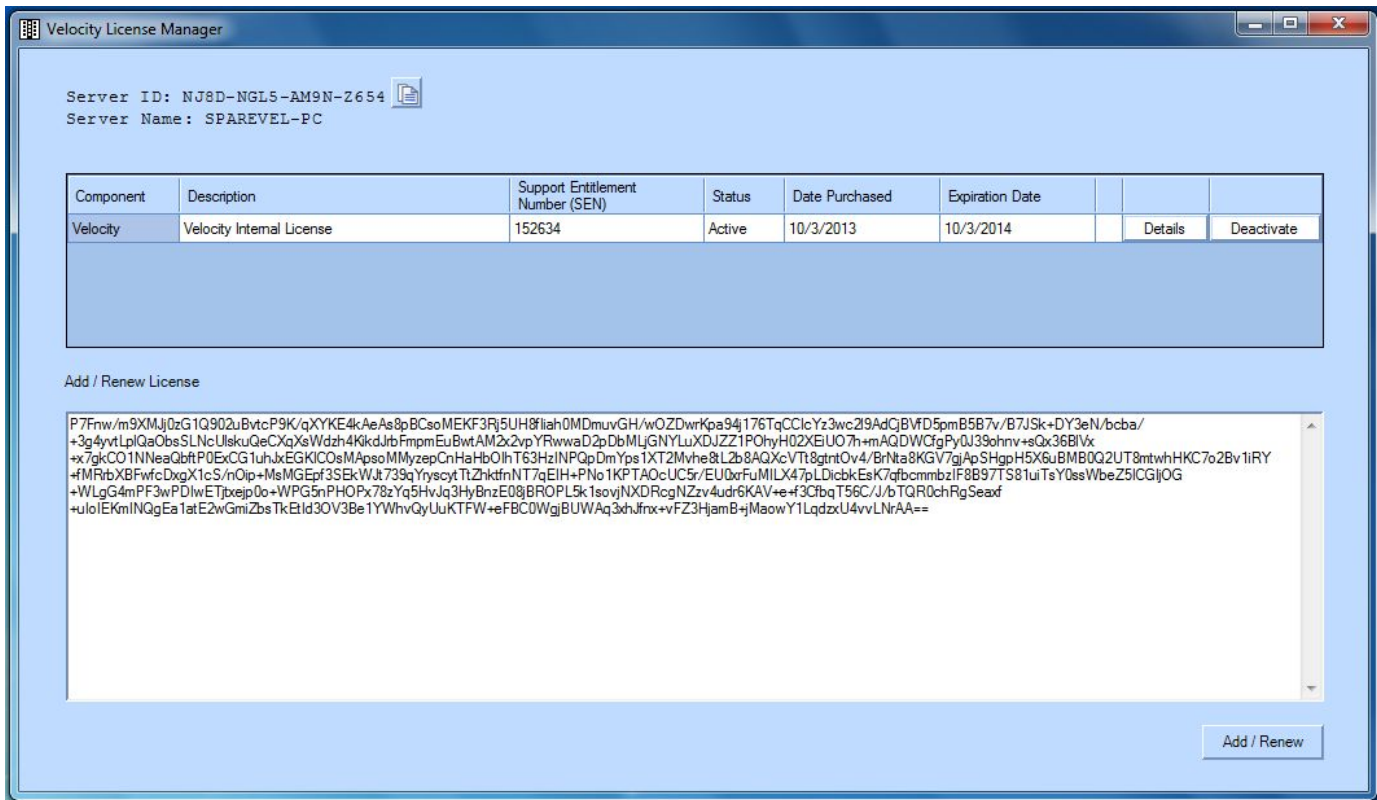
Identive Group Inc.

<http://www.Identive-Group.com/>

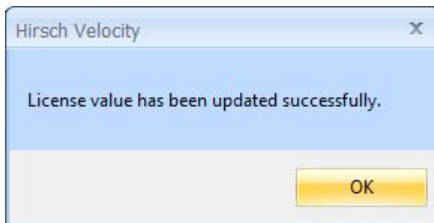
Hirsch Velocity License Administration System

Note that the license key is only valid on the computer with the specified Server ID; it cannot be used on a different computer.

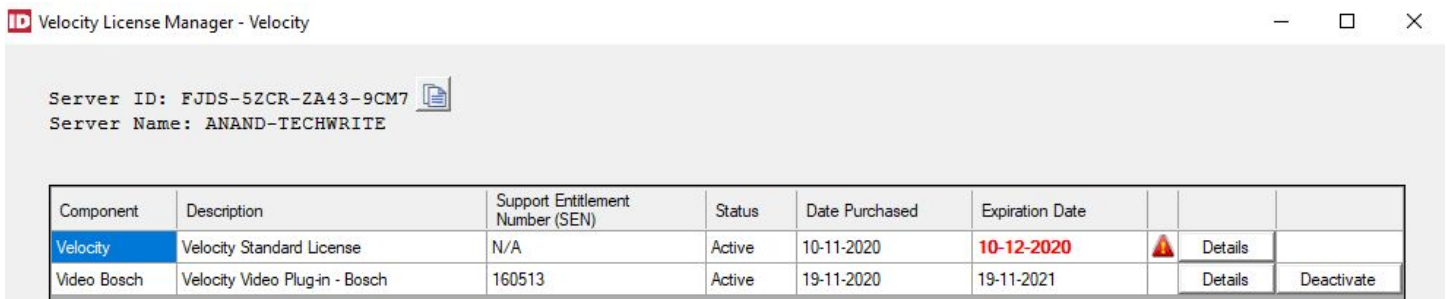
7. If your Velocity Server is on a different computer, paste your license key into the Windows Notepad accessory, save it as a text file, and transfer it between computers using a USB drive.
8. Paste the full license key information into the **Add / Renew License** pane, and click the **Add / Renew** button.



The following dialog should be displayed.



- Click **OK** to close this dialog, and then verify that the Velocity License Manager shows a new row of information about your DVR component (in this example, the **Video Bosch**).



- Licensing of the video integration (and selected plug-in) is now completed, so you can close the Velocity License Manager.

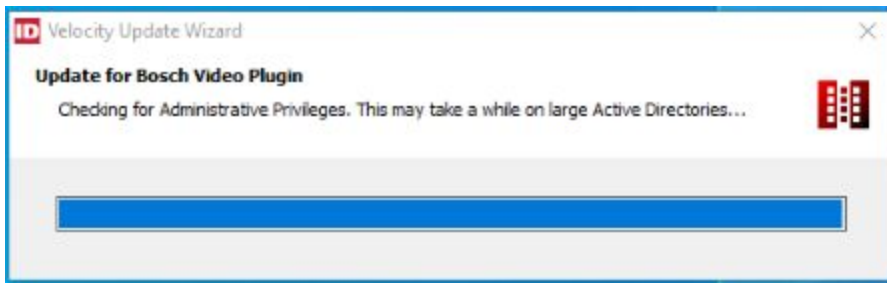
Installing the Hirsch Video Integration and a Supported Plug-in



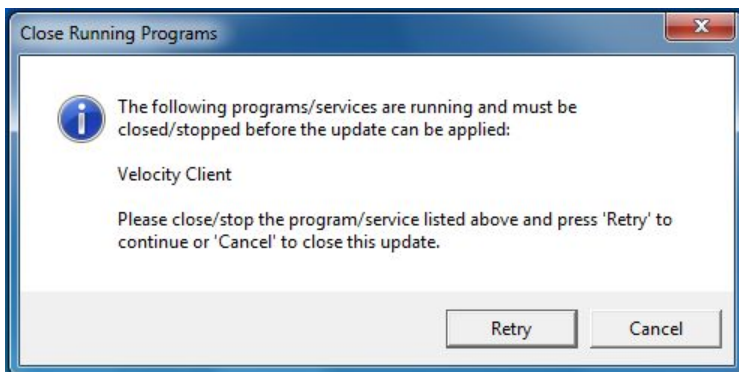
Prerequisites: To install the Hirsch Video Integration (and a DVR plug-in), you must be logged into Windows using an account that has local Administrator privileges, you must be a member of the Velocity Administrators group, you must have an activated license for the integration, and you must know the name and password of the Velocity services account (which were specified when Velocity was installed).

1. If the Velocity Client is running on your Velocity Server, close it. (You can leave the Velocity services running, so your access control system is not interrupted.)
2. Locate and start the installer program for the Hirsch Video Integration and selected plug-in (in this example, **Bosch Video Plugin.exe**).

The installer first verifies that your Velocity Server has a valid license for the video integration (and selected plug-in).



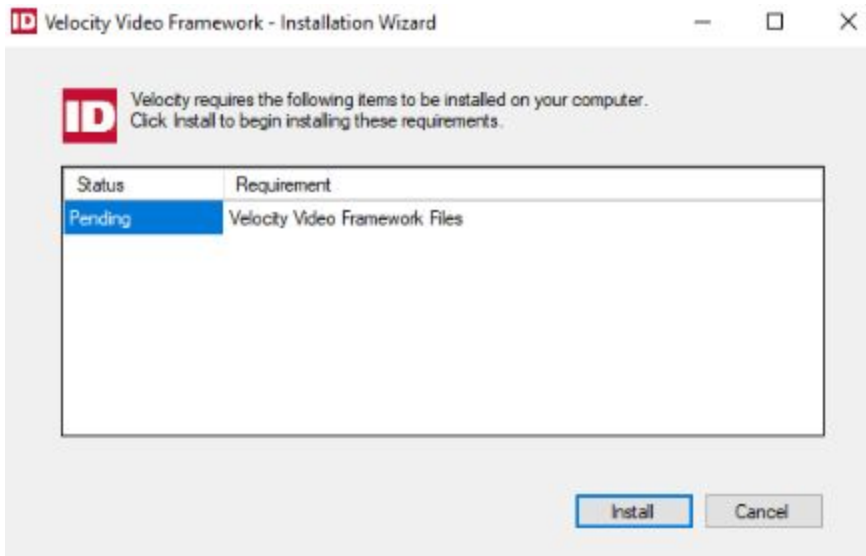
3. If you forgot to close the Velocity Client, the installer displays the following dialog. If you see this dialog, close the Velocity Client, and then click the **Retry** button.



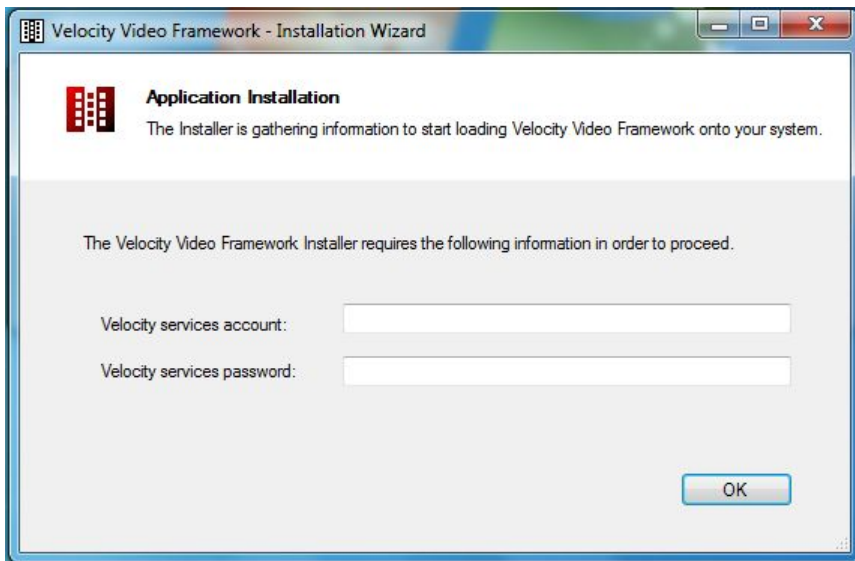
The installer displays various status messages while the installation proceeds.



4. When the following dialog is displayed, click the **Install** button.



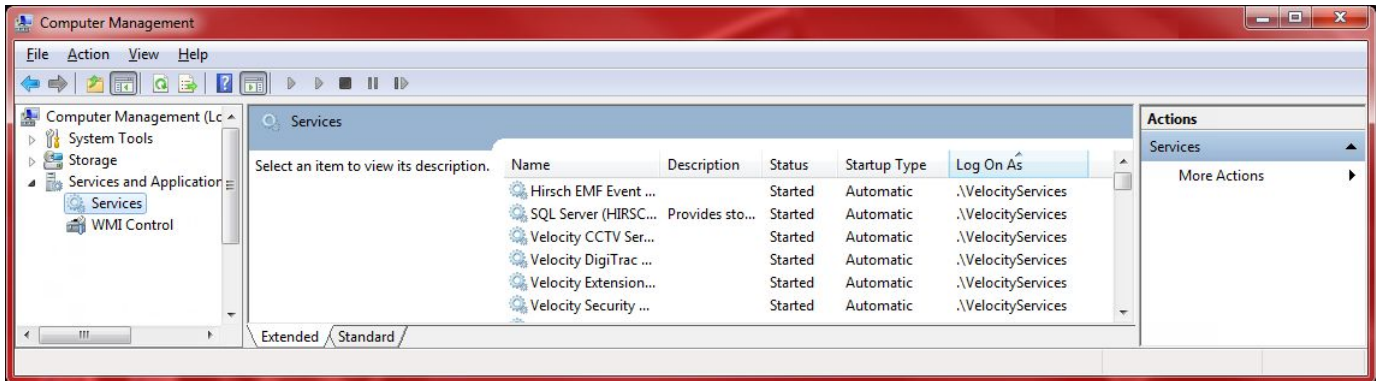
5. When the following screen is displayed, type in the name of the Velocity services account, type in the password for that account, and click the **OK** button. (The name and password of the Velocity services account were specified when Velocity was installed.)





TIP: The default Velocity services account is named "VelocityServices". Be sure to prefix the account name with the computer name or domain name where you previously installed Velocity, and a backslash character (such as "VelocityServer\VelocityServices").

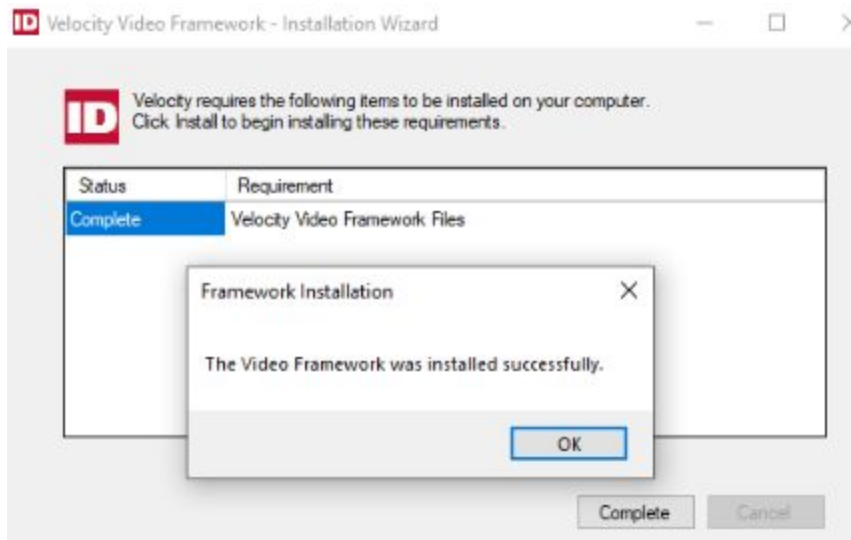
If you're not sure what the name of the Velocity services account is on your system, you can find out by using the Computer Management administrative tool to view the Log On As property of the Velocity Services:



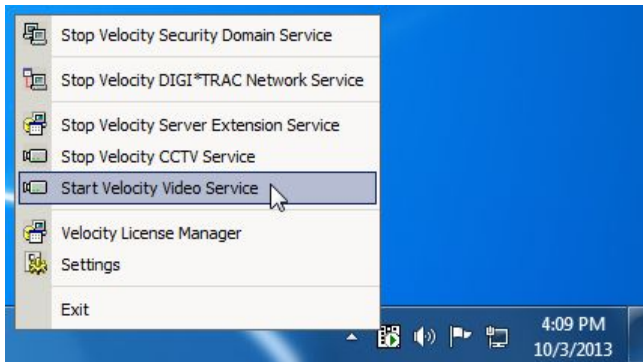
The installer displays various status messages until the installation has completed.

NOTE: If you are installing the American Dynamics plug-in, you also need to install the American Dynamics SDK. For details, see [Installing the American Dynamics SDK](#).

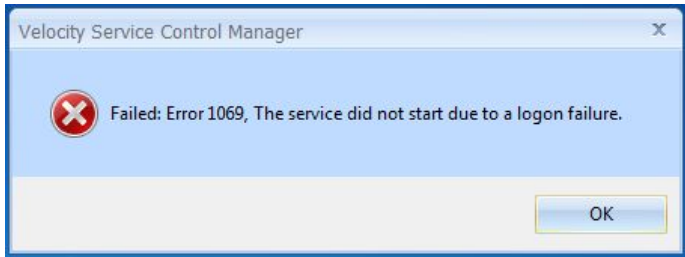
6. When the following dialog is displayed, click the **OK** button.




7. To verify that the name and password you entered for the Velocity services account were correct, try to start the new video service by right-clicking on the Velocity Service Control Manager icon (while the other Velocity services are running) and choosing **Start Velocity Video Service** from the pop-up menu.



If the name and password were correct, the new service starts. If there is a problem with the name or password, the following dialog is displayed:



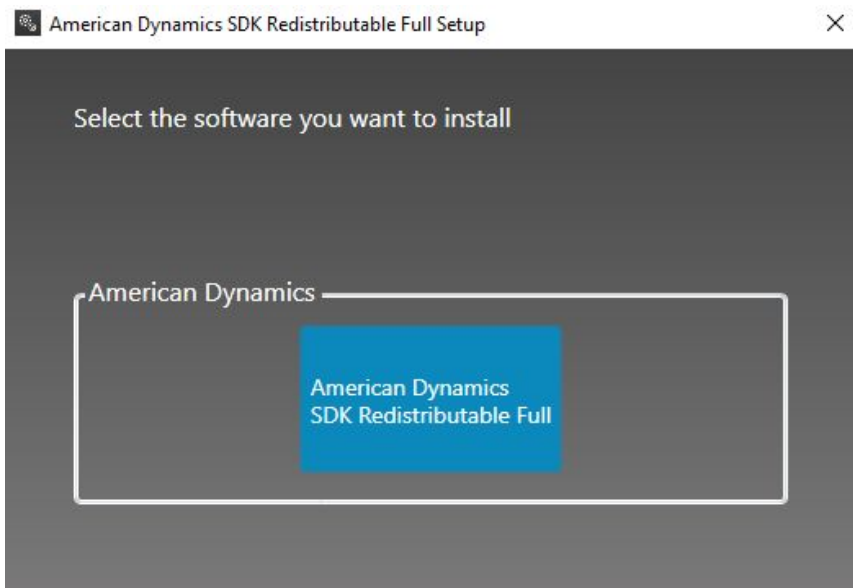


The Hirsch Video Integration (and DVR plug-in) only needs to be installed on your Velocity Server. Any remote Velocity Clients will automatically try to be updated the next time they are restarted and connect to the updated Velocity Server. However, the client update will fail with an "Access Denied" message unless the Velocity operator is both a member of the Velocity Administrators group and has the Windows local Administrator privilege to install software on that computer.

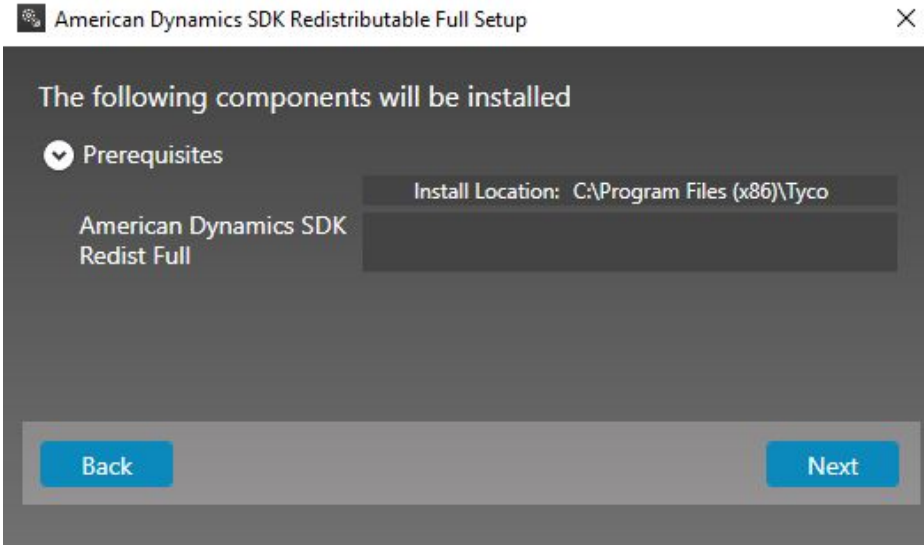
Installing the American Dynamics SDK

If you are installing the American Dynamics plug-in, you must perform the following additional steps to install the American Dynamics SDK.

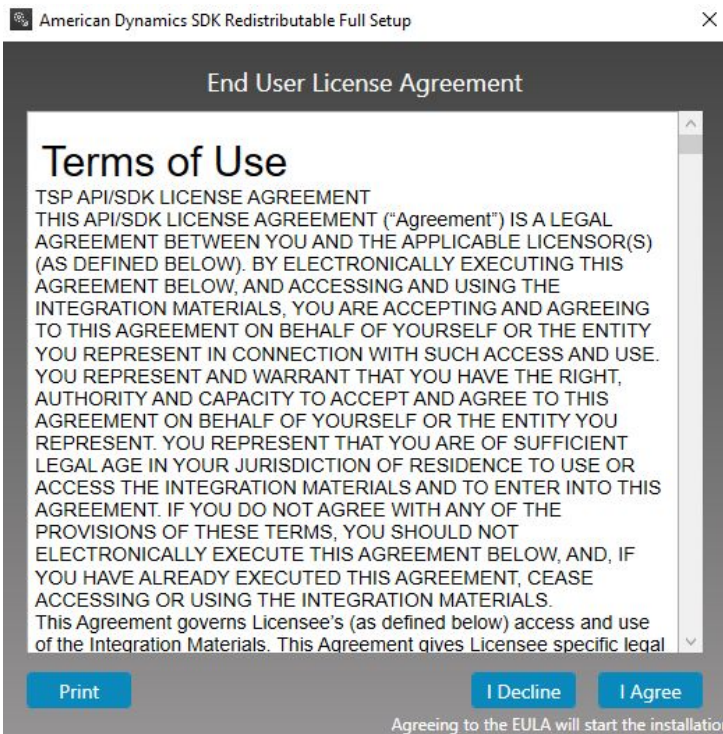
1. When the following dialog is displayed, select the software you want to install.



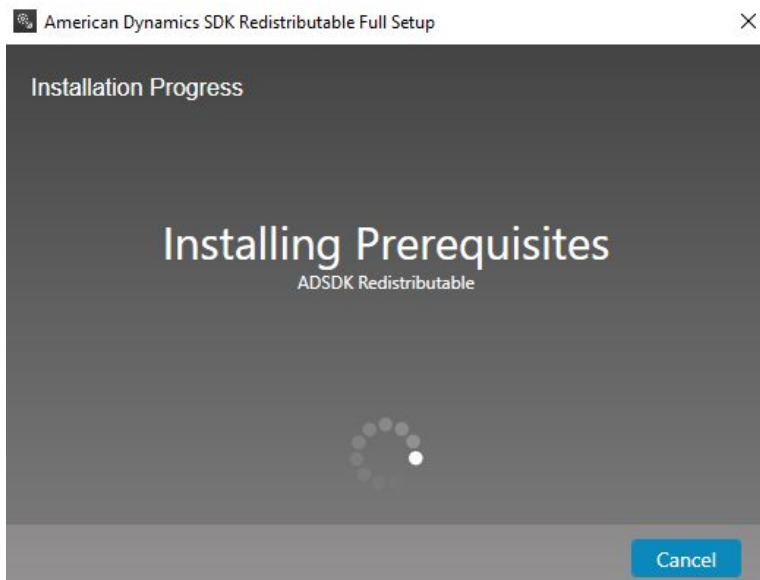
2. The default install location is displayed. Click Next to proceed.



3. When the following dialog is displayed, select the "I Agree" to proceed with the installation process.

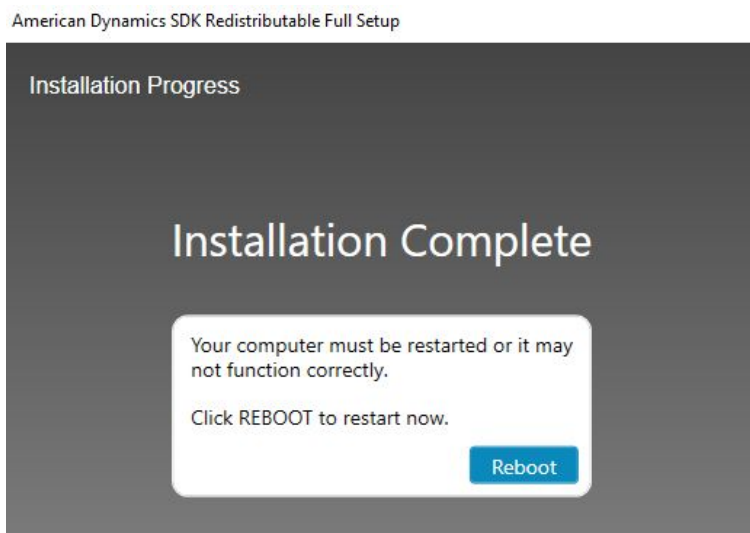


4. The installation progress screen looks like the one below.



5. When the following dialog is displayed, click Reboot to restart now.

Note: After rebooting the system manually re-run the American Dynamics video plugin installer to complete the installation process.



Post-Installation Tasks

After installing the Hirsch Video Integration (and a supported plug-in), you will need to perform the following configuration and setup tasks.

- Add your DVR or NVR to Velocity
- Synchronize the Time for your DVR or NVR and Velocity
- Manage Role Properties
- Optional: Prevent the display of a triggered Video Explorer window (on Velocity Client computers that will never be used to view security videos)
- Define and manage trigger-action pairs (using the Trigger Action Manager)

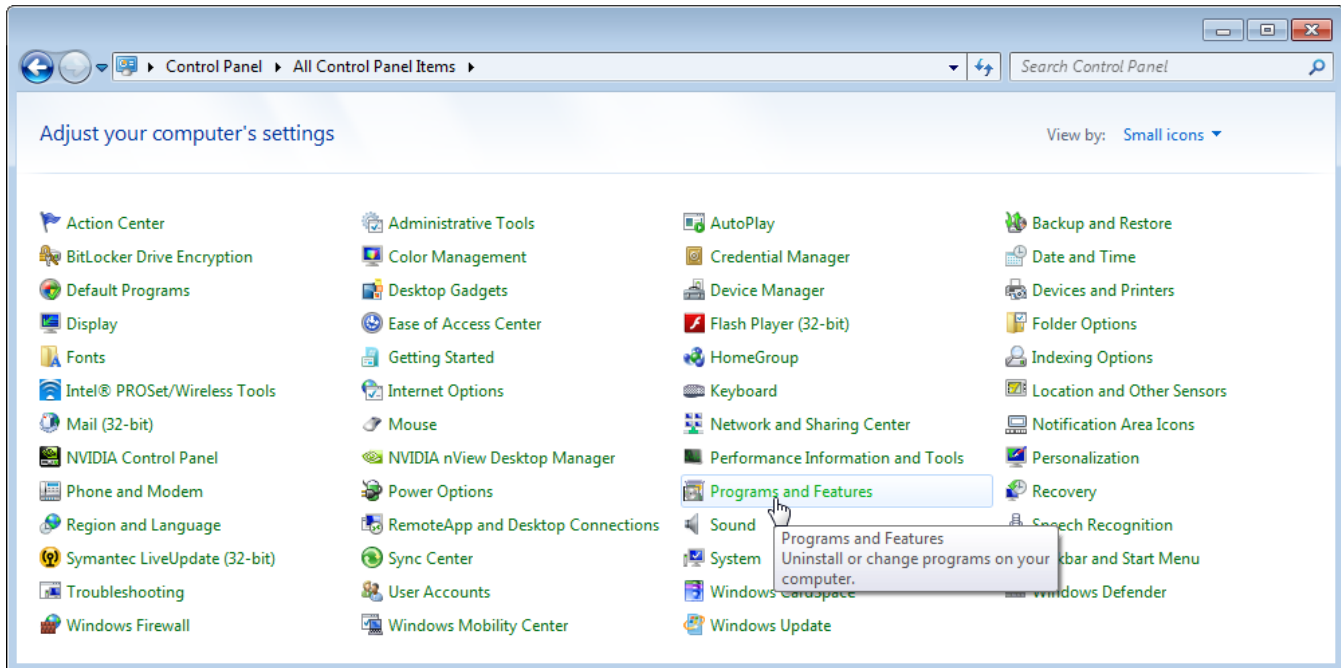
For details about these tasks, see the context-sensitive help system that is installed with the software.

Uninstalling the Hirsch Video Integration and DVR Plug-in

NOTE: The Hirsch Video Integration and DVR plug-in was designed to be installed on a Velocity Server, with any remote Velocity Clients being automatically updated the next time they are restarted and connected to the updated Velocity Server. If you ever need to uninstall the integration and plug-in, you should do it first on the server, and then on the clients.

If you ever need to uninstall the Hirsch Video Integration and DVR plug-in, perform the following steps.

1. On the Velocity Server where the Hirsch Video Integration and the DVR plug-in are installed, use the Velocity Service Control Manager to stop the **Velocity Video Service**, and close the Velocity Client if it is open on that computer.
2. Open the Windows **Control Panel**.
3. Locate the feature to uninstall a program, which varies depending on the setting of the **View by:** option.
 - If you are viewing the Control Panel's items as **icons**, then click on the **Programs and Features** link:



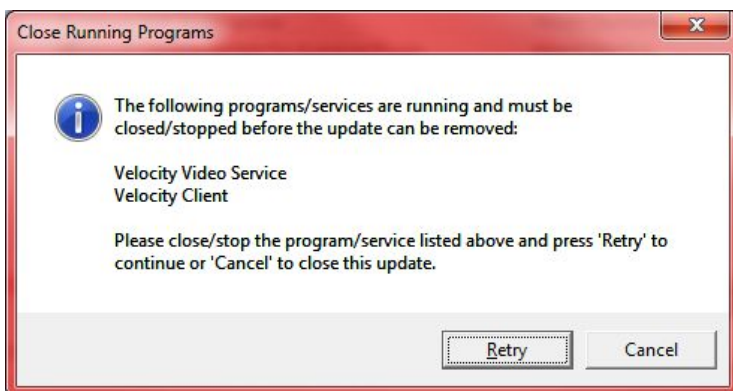
- If you are viewing the Control Panel's items by **Category**, then click on the **Uninstall a program** link in the Programs category:



The window is updated to show all the installed programs on this computer.

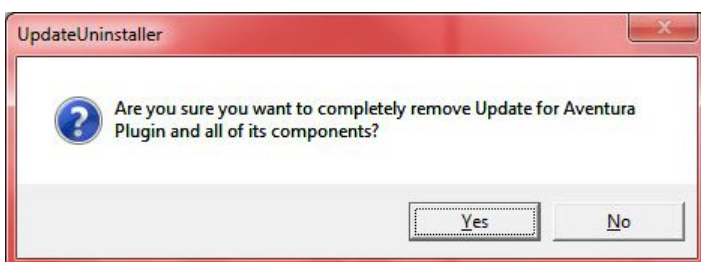
4. Scroll down in the table until the **Hirsch Identive Update for Video Plugin** item is visible in the **Name** column, and click on it.
5. Click on the **Uninstall** button that now appears above the table.

If you see a message like this, then you forgot to perform Step 1 of the uninstall procedure:



In this case, perform [Step 1](#), and then click the **Retry** button on this dialog.

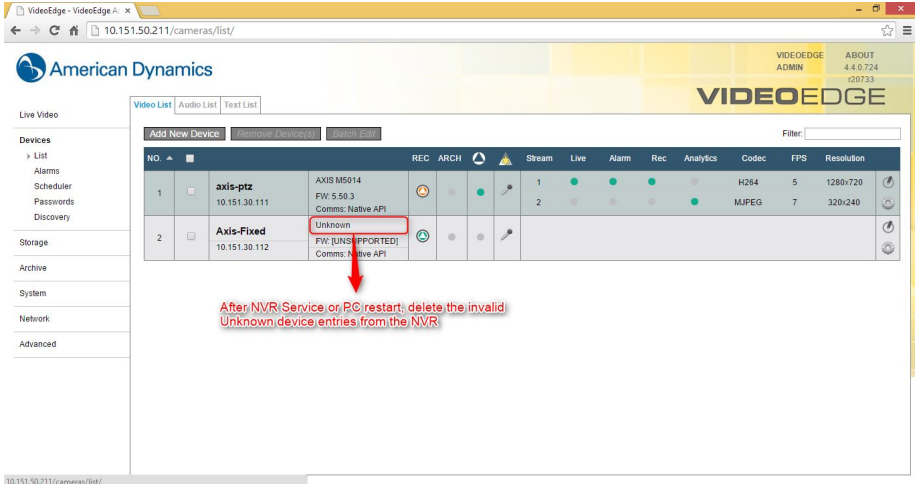
6. In the resulting message dialog which asks if you want to remove the selected program, click on the **Yes** button. For example:



7. Uninstall the **Hirsch Identive Velocity Video Framework** program:
 - A. Scroll down in the table until the **Hirsch Identive Velocity Video Framework** item is visible in the **Name** column, and click on it.
 - B. Click on the **Uninstall** button above the table.
 - C. In the resulting message dialog, click on the **Yes** button.
8. Close the Windows **Control Panel**.

Known and fixed Issues with the Hirsch Video Integration

Reference ID	Summary	Description
PAC-2595 PAC-3490	ExacqVision - Video not recorded on triggered action	On some systems video was not being recorded in response to a triggered action. This issue has been resolved by updating the AD plugin to use v5.3 of the ADSDK.
PAC-2678	Improve Video Integration tree view behavior	The Video Integrations tree behavior has been improved.
PAC-3727	Support latest ADSDK	The American Dynamics plugin now uses the latest version of the ADSDK (v5.3).
PAC-3735	Video Framework allowed blank username and password.	The Video Framework install wizard now requires the entry of both user account and password when prompting for the Velocity Services account .
PAC-3742	Support IDS points in Video Trigger Actions	Velocity Intrusion Detection System (IDS) points are now supported as triggers for video actions.
VELVID-10	Multiple "Record on Camera" windows can be opened for the same or different cameras	The dialog that is displayed after you right-click on a camera and choose Record on Camera is not a modal dialog, so you can open multiple instances of this dialog for various cameras. This can be confusing because the dialog does not include the camera's name anywhere. (Instead, only the DVR's name appears in the title bar.) There is no workaround for this issue. Normally, this is not a problem because you should quickly specify two parameters and click OK to close the dialog. (If you got interrupted and did not remember which camera's live feed you were going to record, you can click Cancel.)
VELVID-29	Trigger Action Manager and Search Video Events windows cannot be closed if the New DVR/NVR window is open	The Add New DVR/NVR dialog and the DVR/NVR Properties dialog are modal dialogs launched from Velocity's Administration window. While either of these dialogs is open, you cannot close the Trigger Action Manager or the Search Video window. These dialogs are working as designed. When you are done using one of these dialogs, close it. If you need to obtain more information (such as the IP address) to accomplish your task, close the dialog and perform the task later after you have the necessary information.
VELVID-52	All zeros are accepted in the IP address field when adding a new DVR	When you add a new DVR or NVR to Velocity (using the Hirsch Video Integration's Add New DVR/NVR item in the Administration window), the dialog's IP field accepts the default value of 0.0.0.0 for the IP address of the DVR or NVR. The workaround is to enter the correct IP address for your DVR or NVR. (Before adding a DVR or NVR, see "Adding Your DVR to Velocity" in the integration's help system.)
VELVID-108	When deleting a DVR, there is no warning message informing you that all Trigger Actions associated with that	When you delete an DVR from the Hirsch Video Integration, there is no dialog warning you about the consequences of that action. There is no workaround for this issue. (Before deleting a DVR or NVR, see "Deleting a DVR" in the integration's help system.)

	DVR will also be deleted	
VELVID-132	Operators without permissions to cameras are able to select them when creating a Trigger Action in the HVI Trigger Action Manager	<p>When adding a new trigger-action pair in the Trigger Action Manager, the Locations tree and the Cameras tree display all the cameras, instead of just the cameras that the operator has permission to use.</p> <p>There is no workaround for this issue. However, defining trigger-action pairs is typically a task that is performed by a dealer or administrator; most operators should not have the Application Permissions > Velocity > Trigger Action Manager - Use role permission.</p>
VELVID-277	If the Velocity Video Service is restarted, any object that was being edited becomes unlocked.	<p>If you restart the Velocity Video Service, any Velocity objects (such as a person or a credential) which were locked because they were being edited in a client are unlocked.</p> <p>There is no workaround for this issue.</p>
VELVID-279	After starting VideoEdge NVR device and the Velocity Video Service the Alarm Viewer is slow to display the video icon for the first triggered action.	<p>After the American Dynamics NVR Service and the Velocity Video Service is restarted, it can take about a minute for the Alarm Viewer to display the video icon for the first triggered action. (The video icon is quickly displayed for subsequent triggered actions.) This happens on an American Dynamics DVR/NVR which has a disconnected camera.</p> <p>The workaround is to use the American Dynamics software to delete any disconnected cameras (as shown in the following screen capture) after the Velocity Video Service has been restarted.</p> 

Known Issues with American Dynamics's SDK

Reference ID	Summary	Description
VELVID-266		

	<p>When an AD VideoEdge NVR is disconnected, Velocity cannot detect that event.</p>	<p>When an American Dynamics VideoEdge NVR is disconnected, the event cannot be detected by Velocity, so no event will be logged or displayed.</p> <p>This issue is caused by a bug in the American Dynamics SDK, which has been fixed in version 9.1.666.58. There is currently no workaround, because version 1.1.3 of the Hirsch Video Integration still uses version 9.0.597.79 of the American Dynamics SDK.</p>
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