



Velocity Certificate Checking Service 3.6.5 Installation Guide & Release Notes

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Overview

This document provides information about version 3.6.5 of the Velocity Certificate Checking Service, which is a key software component of Identiv's FICAM Solution. (This version corresponds to the Velocity 3.6 SP2 release.) After you license and install the Velocity Certificate Checking Service, it extends the Velocity user interface to include numerous features which are documented in the main Velocity context-sensitive help system. Be sure to read the new **FICAM Solution** section of that help system for important information about how to configure and use Identiv's FICAM Solution.

This document also includes information about [Installing and Licensing](#) this service.

FICAM is the acronym for Federal Identity, Credential, and Access Management, which is an architectural roadmap and implementation guide designed to help U.S. federal government agencies improve the security, cost, and interoperability of providing their services. Identiv's FICAM Solution includes the following hardware and software components:

- The 3.6 SP2 release of the **FED Unlimited Edition** of Velocity (running on a Windows server and Windows client PCs)
- The Velocity Certificate Checking Service (running on a Windows server)
- M2, M8, or Mx controllers
- A SNIB3 communications expansion board, for each controller running in FICAM mode
- An RS-485 Readers Expansion Board (RREB), for each controller running in FICAM mode
- Identiv's uTrust TS Government readers (which are FICAM-capable RS-485 card readers)
- To enroll PIV, PIV-I, or TWIC cards into Velocity, you also need a FICAM-capable smart card reader with contacts

For most customers, Identiv's FICAM Solution enables you to upgrade an existing Velocity system, instead of having to purchase and install a new physical access control system. Even when FICAM mode is enabled, the other components of your existing Velocity system will continue to function as before. This enables a smooth migration as you replace old readers and enroll new credentials.

The following table shows the compatible versions of the software components in Identiv's FICAM Solution, corresponding with the Velocity 3.6 SP2 release.

FICAM Software Component:	Compatible version for Velocity 3.6 SP2
CCM firmware	7.5.64
SNIB3 firmware	2.01.0011
uTrust TS Government reader firmware (TRN file)	2.1.315
Velocity	3.06.005
Velocity Certificate Checking Service	3.6.5.118

Information about the hardware components of Identiv's FICAM Solution is available in the **DIGI*TRAC Systems Design and Installation Guide**. (Additional information about Identiv's FICAM Solution is available at the following Web page: <https://www.identiv.com/products/physical-access/hirsch-government-ficam-solution>.)

Installing and Licensing this Service

Part of setting up Identiv's FICAM Solution involves installing and licensing the Velocity Certificate Checking Service, which consists of the following three tasks:

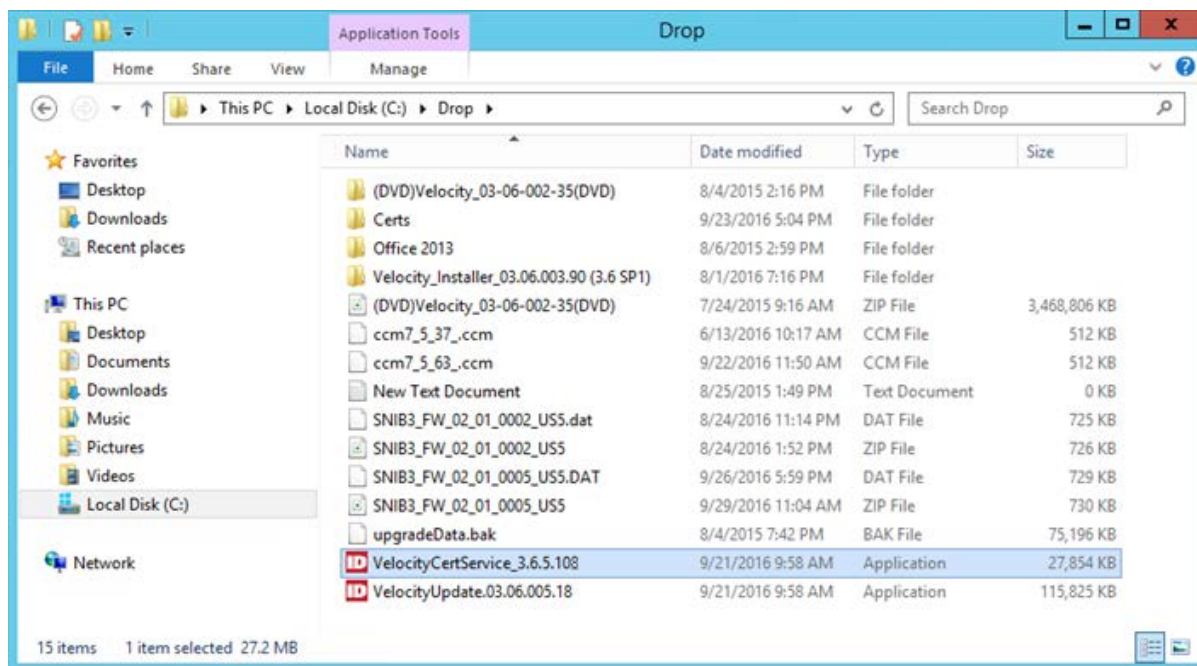
1. Contact Identiv to purchase the Velocity Cert Check Service, and then install it (on the same computer as your Velocity Server).
2. Obtain a license for the Velocity Cert Check Service from Identiv.
3. Add the license key for the Velocity Cert Check Service to the Velocity License Manager.

After installing the service, you must also perform a few configuration and setup tasks.

Task 1: Contact Identiv to purchase the **Velocity Cert Check Service**, and then install it.

Step 1. Obtain the installation file for the Velocity Cert Check Service from Identiv, and copy it to your Velocity Server.

Step 2. Locate the installation file (such as VelocityCertService_3.6.5.1NN.exe), then right-click on it and choose the **"Run as administrator"** command from the pop-up menu.



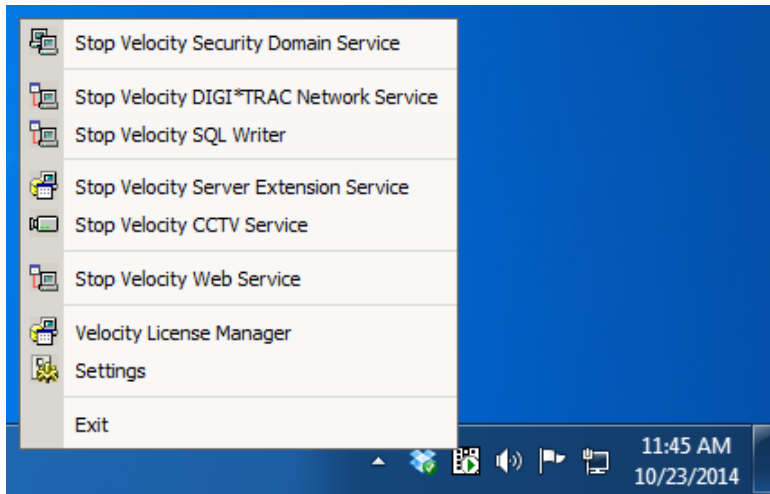
NOTE: If your Velocity system is already running the previous certificate checking service provided by Identiv's Professional Services Group, the installer will automatically upgrade your system to use the new Velocity Cert Check Service, and your existing configuration settings will be migrated from the config.xml file into the Velocity database.

Step 3. Start the Velocity Cert Check Service, to populate the Velocity database with the Validation Engine's System ID (license key).

Velocity Certificate Checking Service 3.6.5 Installation Guide & Release Notes

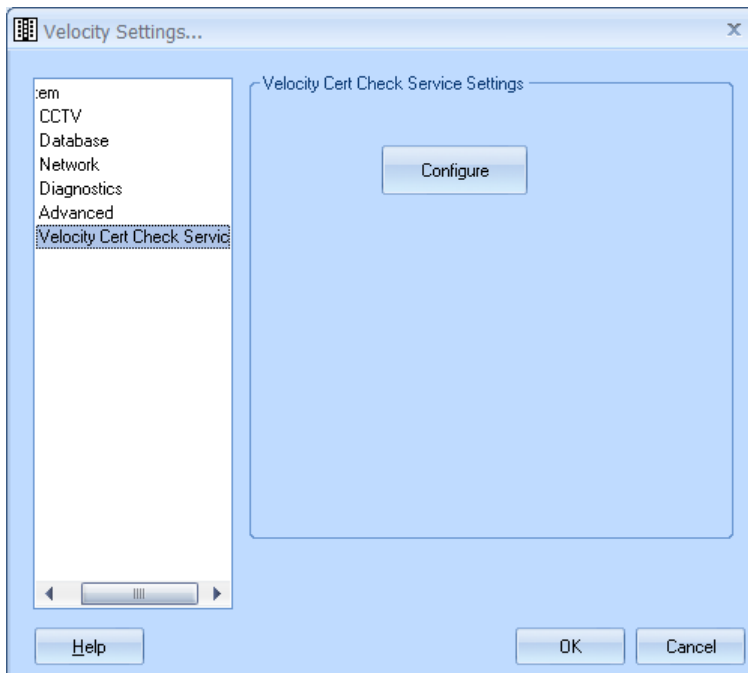
Task 2: Obtain a license for the **Velocity Cert Check Service** from Identiv.

Step 1. Right-click on the icon for Velocity's Service Control Manager (in the Windows tray), and choose **Settings**.



Step 2. In the resulting **Velocity Settings** dialog:

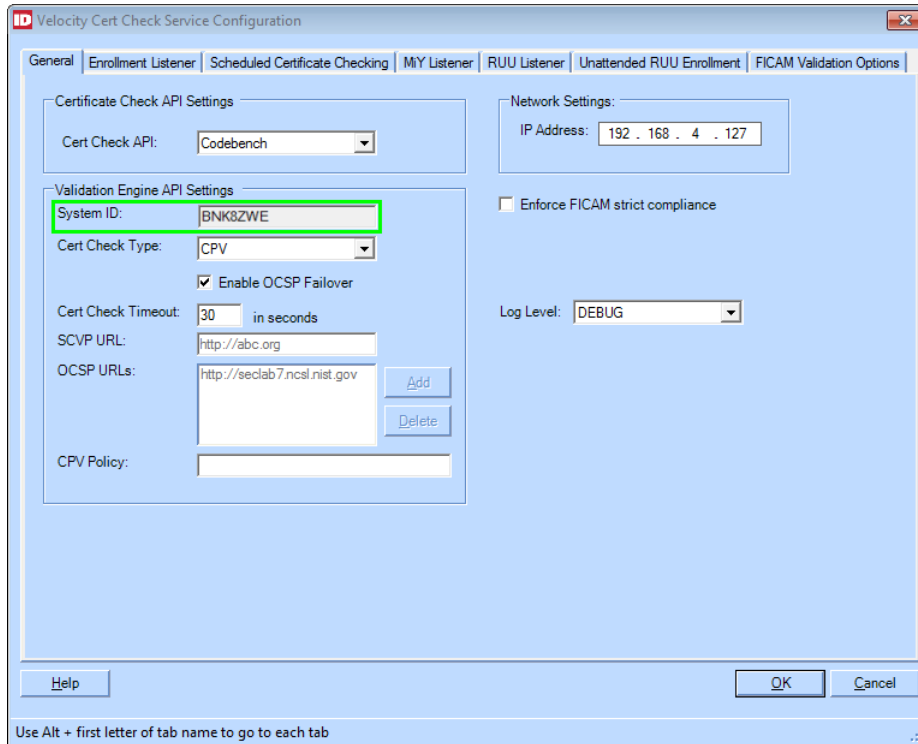
A. Click on the **Velocity Cert Check Service** entry in the left-hand pane.



B. On the resulting **Velocity Cert Check Service Settings** page, click on the **Configure** button.

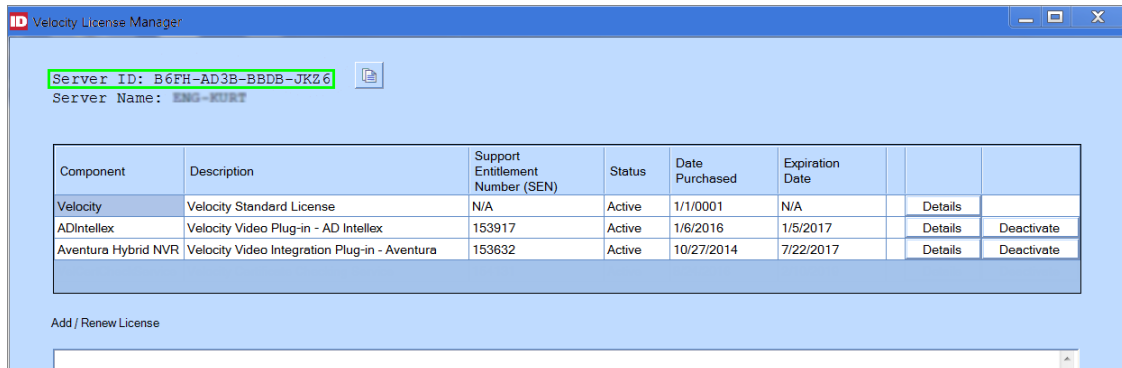
Velocity Certificate Checking Service 3.6.5 Installation Guide & Release Notes

Step 3. On the General page of the resulting **Velocity Cert Check Service Configuration** dialog, copy the value in the **System ID** field to the Windows Clipboard, then paste it into an email message.



Step 4. Right-click on the icon for Velocity's **Service Control Manager** (in the Windows tray), and choose **Velocity License Manager**.

Step 5. On the resulting **Velocity License Manager** window, copy the value of the **Velocity Server ID** field (on the top line) to the Windows Clipboard, then paste it into the email message.



Step 6. Compose your email message so that:

- It is addressed to **vlas@identiv.com**.
- It has a Subject such as **"License Request for Velocity Cert Check Service"**.
- The Body includes the **System ID** value and the **Server ID** value.

Step 7. Send the email message.

Step 8. Close the **Velocity License Manager**.

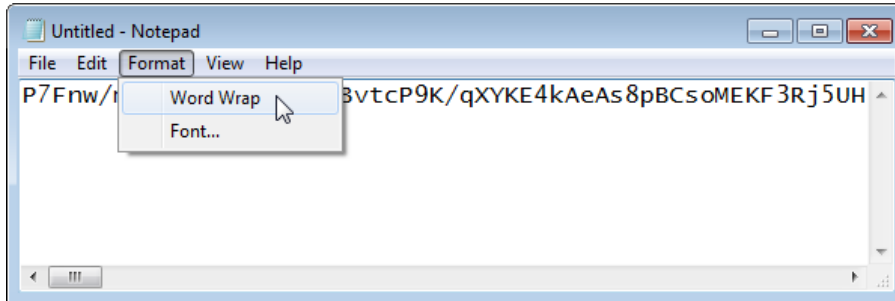
Velocity Certificate Checking Service 3.6.5 Installation Guide & Release Notes

Task 3: After Identiv sends you a license key for the **Velocity Cert Check Service**, add it to the Velocity License Manager.

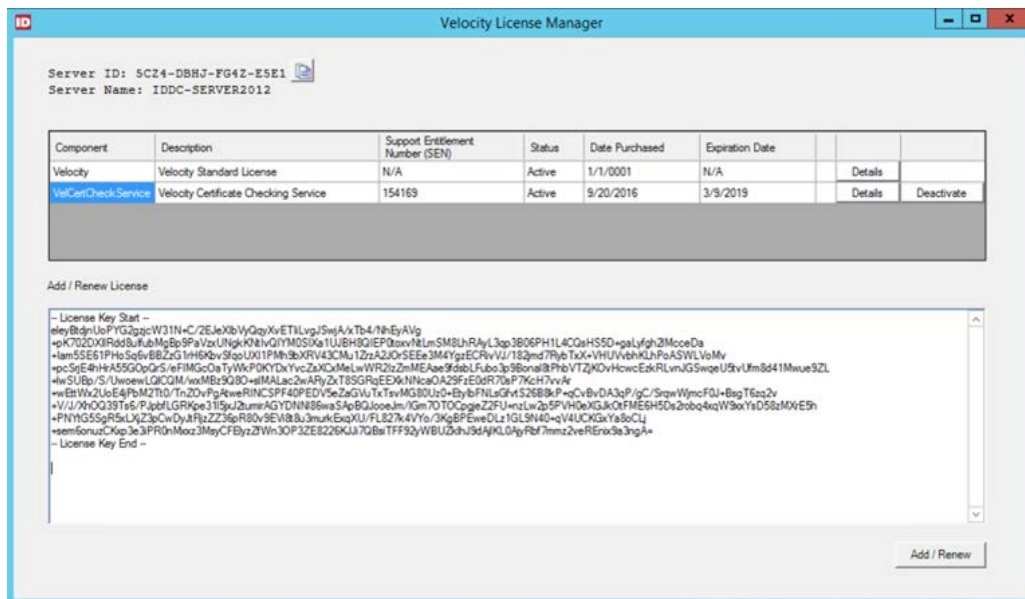
Step 1. Right-click on the icon for Velocity's **Service Control Manager** (in the Windows tray), and choose **Velocity License Manager**.

Step 2. Copy the license key (which is a large block of letters and numbers) in the email message from Identiv to the Windows Clipboard.

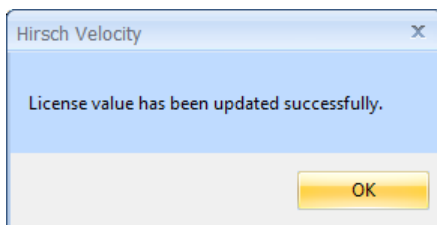
NOTE: If your Velocity Server is on a different computer, paste your license key into the Windows Notepad, save it as a text file, and transfer it between computers using a USB drive. Make sure that the word wrap option is turned off, which is indicated by the absence of a check mark in front of the **Format ► Word Wrap** command.



Step 3. On the **Velocity License Manager** window, paste the license key into the **Add / Renew License** field, then click the **Add / Renew** button.



The following dialog should be displayed:



Step 4. Click the **OK** button to close this dialog, and then close the Velocity License Manager.

Note that there are many other steps you must perform when upgrading an existing Velocity system to be FICAM-capable. Be sure to see the **FICAM Solution > Checklist for Installing and Configuring Identiv's FICAM Solution** topic in the Velocity help system.