



# Velocity Web Services Client 3.6.6.515 Installation Guide & Release Notes

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## Overview

This document provides information about version 3.6.6.515 of the Velocity Web Services Client, which is an optional browser-based client for Velocity 3.6 SP2.1. A major advantage of the Velocity Web Services Client (compared to the previous Velocity Web Console) is that it uses the same Velocity database.

Note that this is a limited-functionality client; only the traditional Windows-based Velocity Client provides access to all of Velocity's extensive functionality. See the [Quick Tour](#) section of this document for a brief summary of the functionality provided by the Velocity Web Services Client.

Before you can install and use the Velocity Web Services Client, you must first install Microsoft's Internet Information Services (IIS) on the same computer where the Velocity Server is installed. If your organization isn't comfortable providing remote access to your physical access control system, do not install IIS or the Velocity Web Services Client.

In this document, there is information about:

- [System Requirements](#)
- [Installing](#) the Velocity Web Services Client (and its prerequisites)
- a [Quick Tour](#) of the Velocity Web Services Client
- the [New Features and Enhancements](#), [Bug Fixes](#), and [Known Issues](#) in this release

## System Requirements

This version of the Velocity Web Services Client requires the following components:

- A physical access control system with various hardware components controlled by version 3.6 SP2.1 of the Hirsch Velocity security management system software
- The optional Velocity Web Services Client component for your Velocity Server, which can be installed either as part of a full Velocity 3.6 SP2.1 installation, or installed separately later
- A Web server running Microsoft's Internet Information Services (IIS) (version 6.0 or later), which is installed on the same computer where the Velocity Server is installed
- A personal computer, tablet computer, or smartphone running a relatively current Web browser such as Google's Chrome (version 39.0 or later), Microsoft's Internet Explorer (version 11 or later), or Apple's Safari (version 6.2 or later). We recommend using Google's Chrome browser.
- To use the multiple access zones feature introduced in Velocity 3.6, CCM firmware version 7.5.28 (or later) must be installed on each controller where you want to enable multiple access zones. For details, see VELWC-242 in the **Velocity Web Services Client 3.6.2.10 Installation Guide and Release Notes**.

## Installing the Velocity Web Services Client (and its prerequisites)

The optional Velocity Web Services Client can be installed either as part of a full Velocity 3.6 SP2.1 installation, or separately after the Velocity installation. After installing this client, you must also perform a few configuration and setup tasks.



**Prerequisites:** *To install the Velocity Web Services Client, you must be logged into Windows using an account that has Administrator privileges, and you must know the name and password of the Velocity services account (which were specified when Velocity was installed).*

**NOTES:** The Velocity Web Services Client only needs to be installed on your Velocity Server. If you want to install and use this optional client, you must first install Microsoft's Internet Information Services (IIS) on the same computer where the Velocity Server is installed. The installer program checks your existing system to see whether all of the prerequisites for this new client have been met.

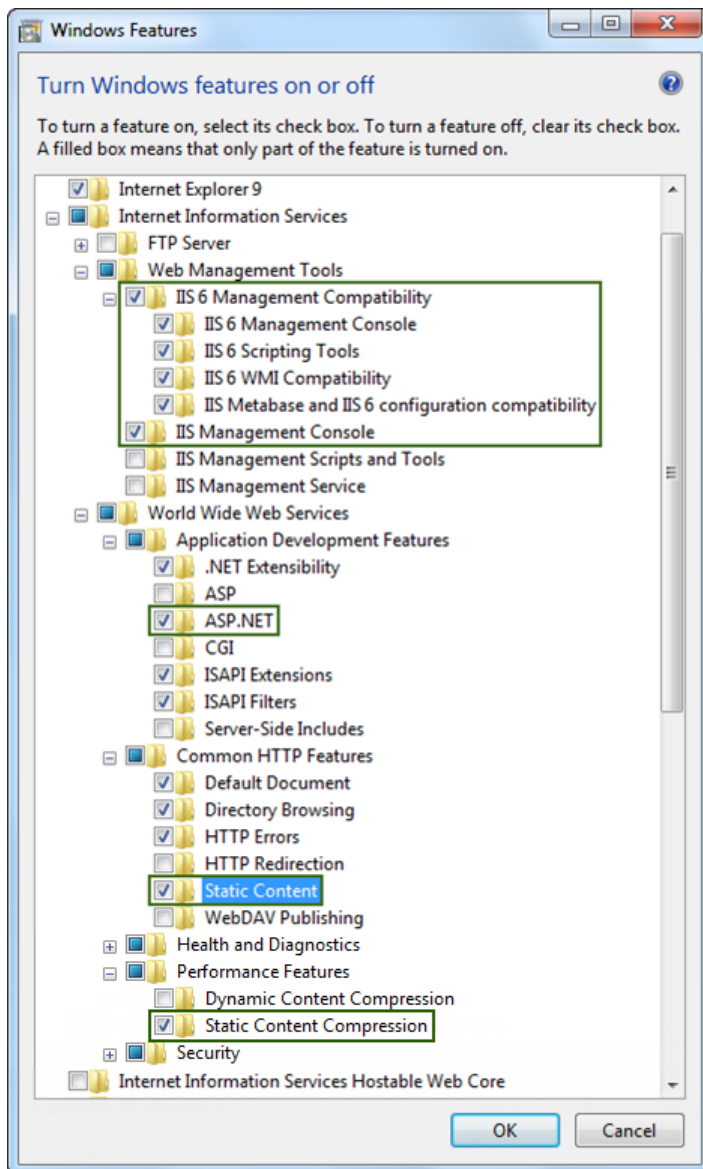
### Installing Microsoft's Internet Information Services (IIS) to Support the Velocity Web Services Client

Before you can install and use the Velocity Web Services Client, you must first install Microsoft's Internet Information Services (IIS) on either your Windows 7 standalone Velocity workstation or your Windows Server 2008 Velocity server or workstation.

**NOTE:** Velocity 3.6 SP2 (or later) supports newer versions of Microsoft's Windows operating system (including Windows 8.1, Windows 10, Windows Server 2012, and Windows Server 2012 R2. Installing IIS on Windows 8.1 or Windows 10 should be similar to installing it on Windows 7, and installing IIS on Windows Server 2012 or Windows Server 2012 R2 should be similar to installing it on Windows Server 2008.

#### To install IIS on Windows 7:

1. From your Windows 7 Start menu, launch **Control Panel**.
2. If you are viewing by Category: click the **Programs** link, and then click the 'Turn Windows Features on or off' link (in the Programs and Features category).  
  
If you are viewing by Small Icons or Large Icons: click **Programs and Features**, and then click the 'Turn Windows Features on or off' link (in the left pane).
3. In the resulting Windows Features dialog, expand the **Internet Information Services** folder to reveal the available options.
4. Check the options that are highlighted in the boxes below, and then click **OK**.



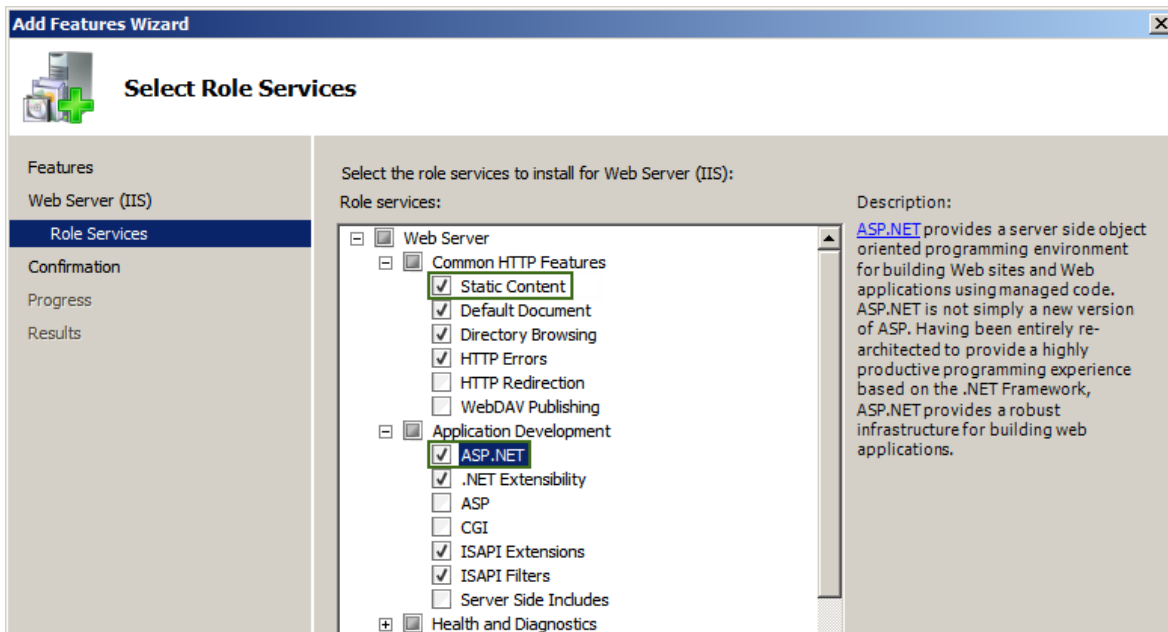
A progress dialog informs you that Windows is making the requested feature changes. When Windows has finished making the changes, it closes the progress dialog and the Windows Features dialog.

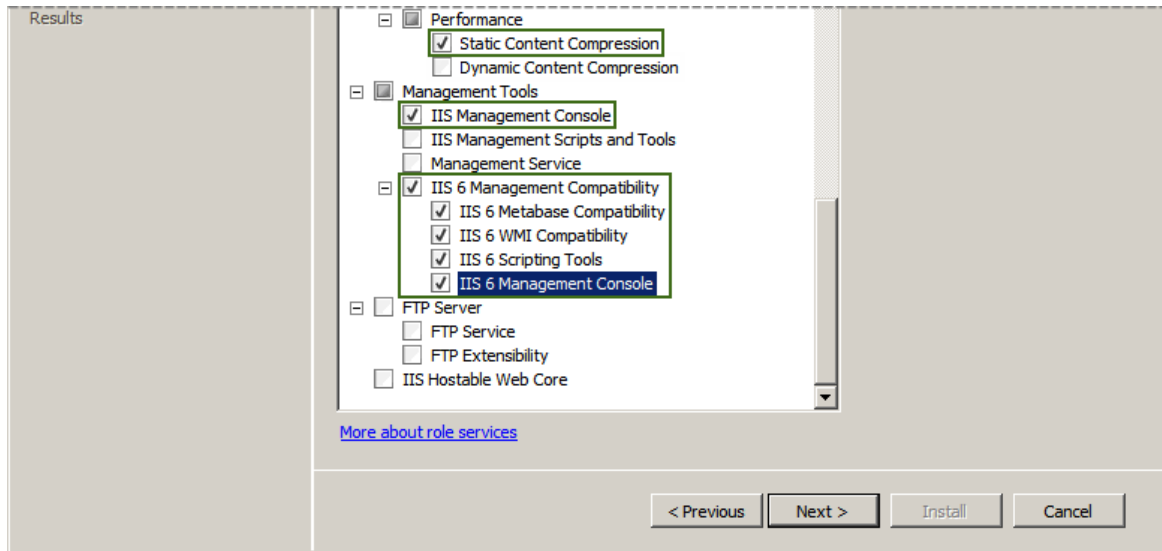
5. Close the Control Panel.

#### To install IIS on Windows Server 2008:

1. From your Windows Server 2008 Start menu, launch **Control Panel**.
2. If you are viewing by Category: click the '**Turn Windows Features on or off**' link (at the bottom of the left column).  
If you are viewing by Small Icons or Large Icons: click **Programs and Features**, and then click the '**Turn Windows Features on or off**' link (in the left pane).
3. In the resulting Server Manager window, click the **Features** item (in the left pane), and then click the **Add Features** link.
4. In the resulting Add Features Wizard, scroll down and check the '**SMTP Server**' box.

5. In the resulting dialog that asks 'Add role services and features required for SMTP Server?', click the **Add Required Role Services** button.
6. In the Add Features Wizard, click **Next**.
7. On the Web Server (IIS) page of the Add Features Wizard, click **Next**.
8. If necessary, on the Select Role Services page of the Add Features Wizard, expand the **Web Server** folder and the **Management Tools** folder to display the available options.
9. Under Web Server, select these options:
  - the Common HTTP Features option of **Static Content**
  - the Application Development option of **ASP.NET**. (If you receive a dialog that asks 'Add role services required for ASP.NET?', click the Add Required Role Services button.)
  - the Performance option of **Static Content Compression**
10. Scroll down, and under Management Tools, select:
  - **IIS Management Console**
  - **IIS 6 Metabase Compatibility**
  - **IIS 6 WMI Compatibility**
  - **IIS 6 Scripting Tools**
  - **IIS 6 Management Console**
11. Verify that you have selected all the options highlighted in the boxes below, then click **Next**.





12. On the Confirm Installation Selections page of the Add Features Wizard, click **Install**.

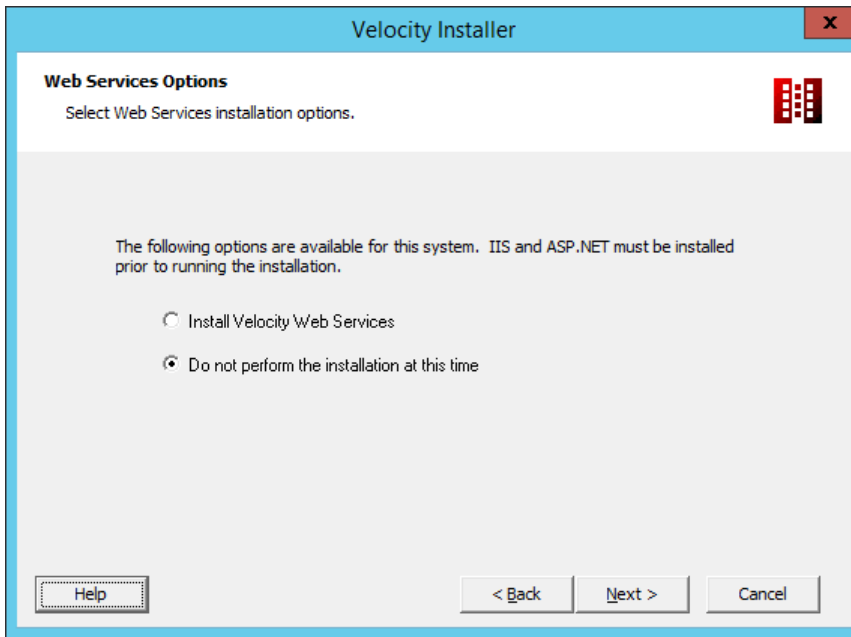
On the Installation Progress page of the Add Features Wizard, progress messages are displayed until the installation is complete.

13. On the Installation Results page of the Add Features Wizard, verify that the installation succeeded, and click **Close**.

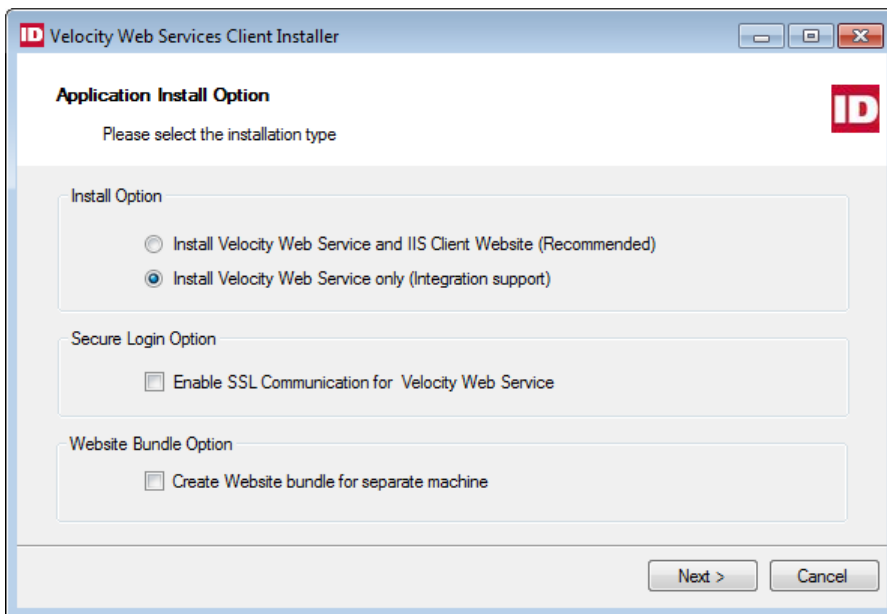
14. In the Server Manager window, verify that the **Web Server (IIS)** role was installed. You can then close the Server Manager window and the Control Panel.

### Installing the Velocity Web Services Client during the Velocity Installation

1. Start following the instructions in the **Installation ► Starting the Velocity Installation** topic of the Velocity 3.6 SP2 Installer's help system.
2. At the **Install Options** screen, select either the **Server** role or the **Workstation** role for your computer.
3. At the resulting **Web Services Options** screen, select the **Install Velocity Web Services** option (to install the Web Services that support the Velocity Web Services Client), then click **Next**.



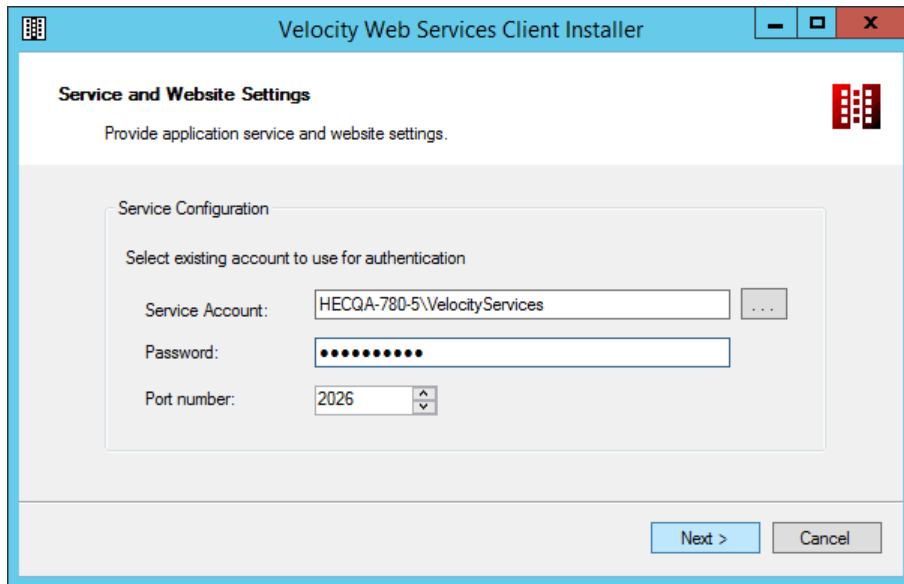
4. If you selected the **Server** role, then perform the steps in the **Installation ► Server Installation** help topic.  
If you selected the **Workstation** role, then perform the steps in the **Installation ► Workstation Installation** help topic.
5. Eventually, the first page of the **Velocity Web Services Client Installer** wizard is displayed. On this **Application Install Option** page, select the appropriate set of options, then click **Next**.



- Choose whether to install both the Velocity Web Service and the IIS Client Website, or only the Velocity Web Service.  
**NOTE:** Choosing the option to **Install Velocity Web Service only** enables the last option on this page to **Create Website bundle for separate machine**. This enables you to install the Web site on a different computer than your Velocity Server.
- Choose whether to enable Secure Socket Layer (SSL) communication for the Velocity Web Service.
- If you chose the option to install only the Velocity Web Service on this computer, then you can choose whether to create a Website bundle for installing the Web site on a different computer than your Velocity Server.

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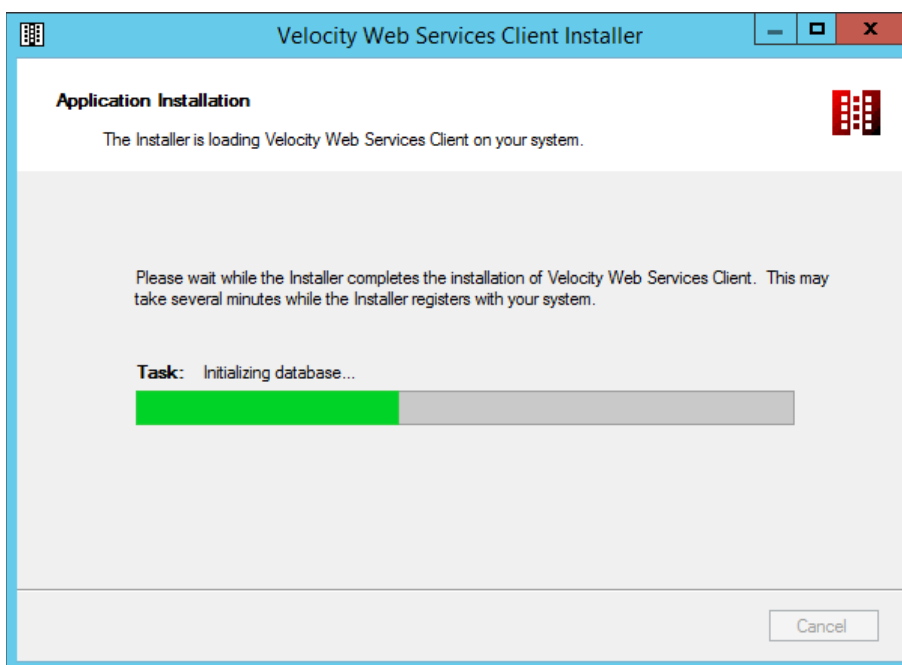
After you click the **Next** button, the following screen appears:



The screenshot shows the 'Service and Website Settings' window of the Velocity Web Services Client Installer. The window has a blue title bar with the text 'Velocity Web Services Client Installer' and standard Windows window controls. The main content area is white with a blue header bar containing the text 'Service and Website Settings' and a small red logo. Below the header, there is a sub-header 'Service Configuration' and a prompt 'Provide application service and website settings.' The main configuration area contains three fields: 'Service Account' with the value 'HECQA-780-5\VelocityServices', 'Password' with a masked password '.....', and 'Port number' with the value '2026'. At the bottom right, there are 'Next >' and 'Cancel' buttons.

6. On this **Service and Website Settings** screen:
  - A. In the **Service Account** field, verify or change the user account (by default in the Velocity Services group) that the underlying service for the Velocity Web Services Client will use to log on to Velocity. The default information is automatically obtained for you.
  - B. In the **Password** field, enter the password that the specified Service Account will use to log on to Velocity. (Enter the same password that was used on the **Application Network and Security** page of the Velocity Installer wizard.)
  - C. In the **Port number** field, enter the network port number that will be used for communication between Velocity and the Velocity Web Services Client.
  - D. Click **Next**.

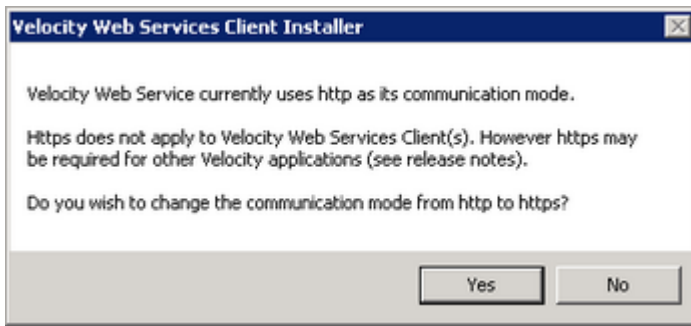
An **Application Installation** screen displays progress information while the Velocity Web Services Client is being installed. For example:



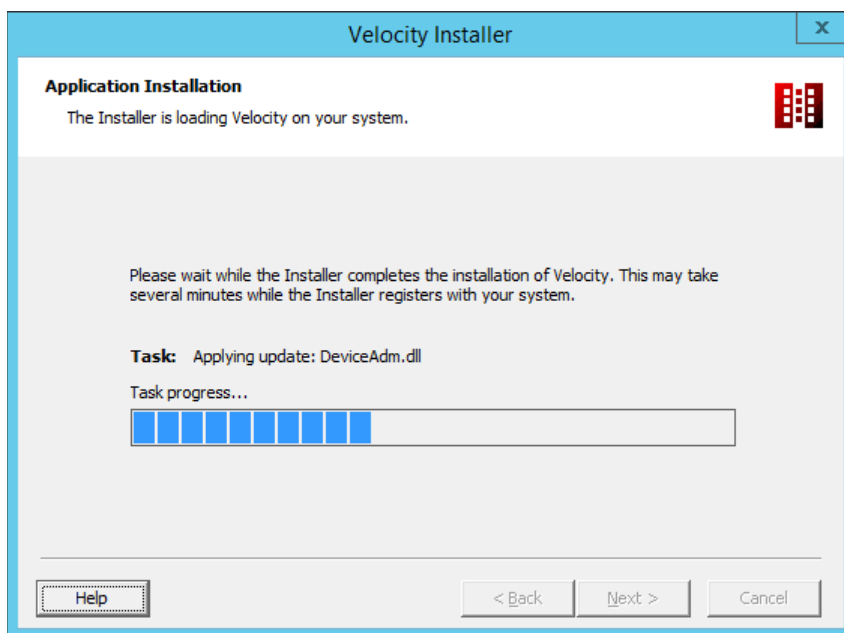
The screenshot shows the 'Application Installation' window of the Velocity Web Services Client Installer. The window has a blue title bar with the text 'Velocity Web Services Client Installer' and standard Windows window controls. The main content area is white with a blue header bar containing the text 'Application Installation' and a small red logo. Below the header, there is a sub-header 'The Installer is loading Velocity Web Services Client on your system.' and a prompt 'Please wait while the Installer completes the installation of Velocity Web Services Client. This may take several minutes while the Installer registers with your system.' Below this, there is a 'Task: Initializing database...' label and a progress bar that is partially filled with green. At the bottom right, there is a 'Cancel' button.

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7. If you are updating an existing installation of the Velocity Web Services Client (instead of performing a new installation), then when the following dialog appears, choose whether or not you need the Velocity Web Service use the secured HTTPS protocol when communicating with some other software components.

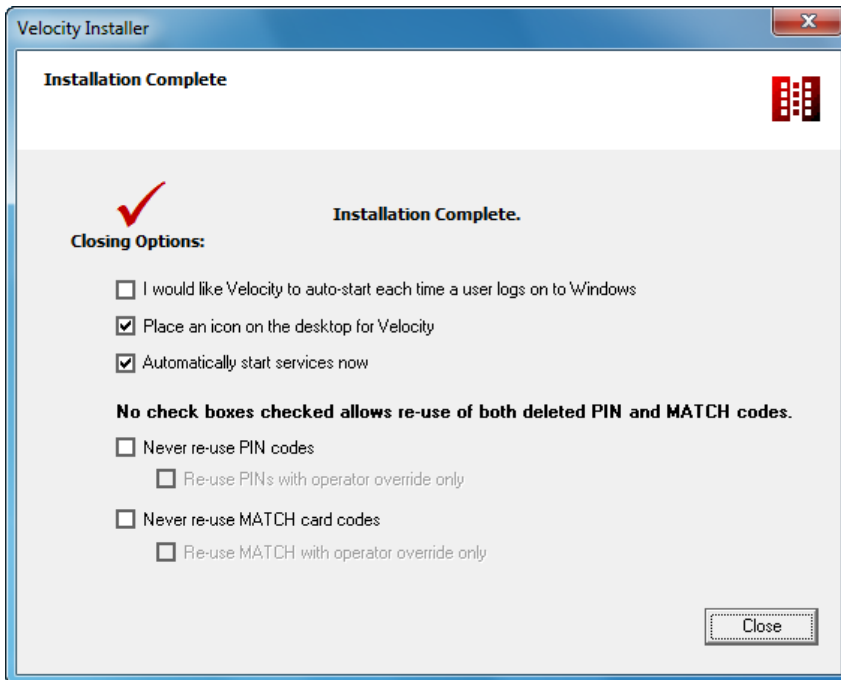


After the installation of the Velocity Web Services Client has finished, its installer wizard closes, and the primary Velocity installation begins, with progress information displayed on its **Application Installation** page. For example:





8. When the **Installation Complete** screen is displayed, select the desired Closing Options, and click the **Close** button.



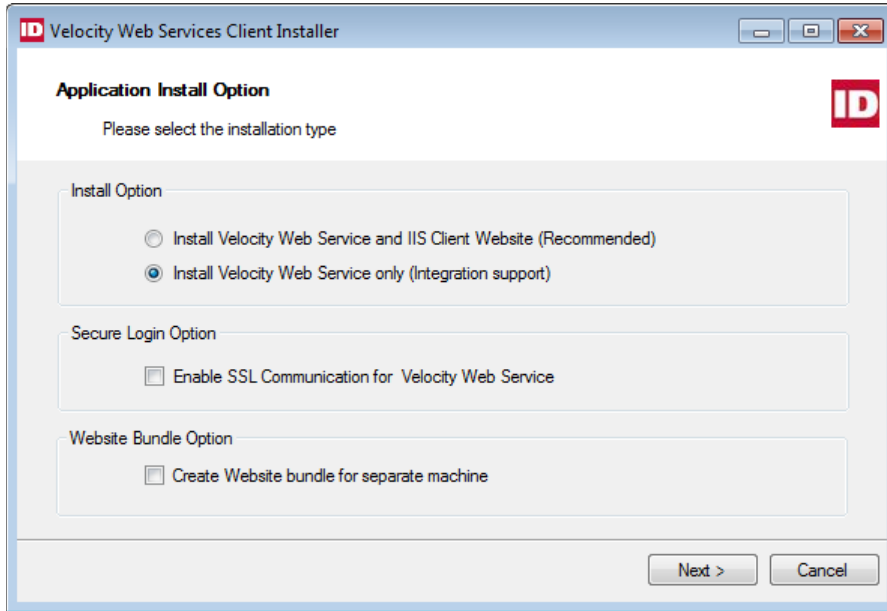
After Velocity and the Velocity Web Services Client have finished installing, ensure that:

- [the Velocity Web Service is running](#)
- if you want to use a network port other than the default of 80, you must [configure the network port used by the default IIS Web site](#) to communicate with the Velocity Web Services Client
- [the network port used by the default IIS Web site is allowed through your firewalls](#)

## Installing the Velocity Web Services Client Separately (after the Velocity Installation)

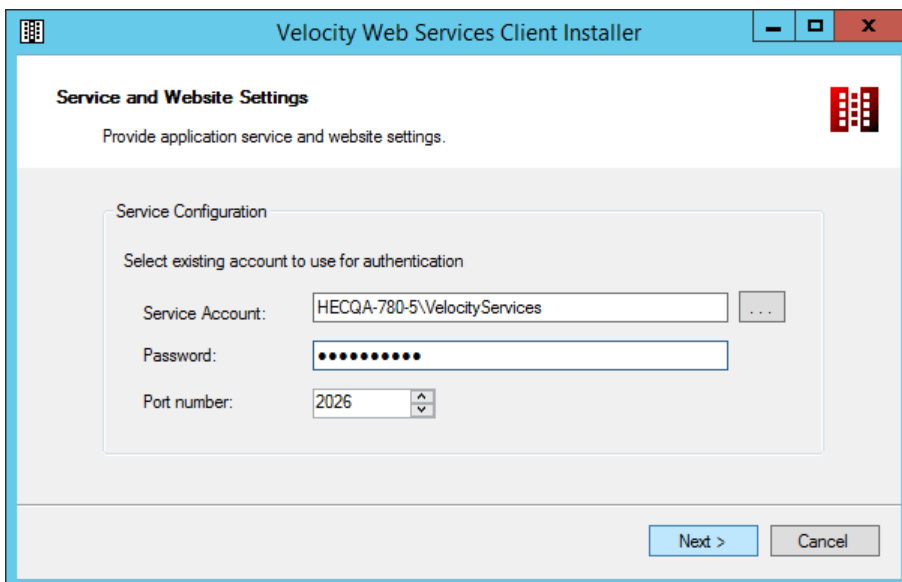
To install the Velocity Web Services Client later, perform the following steps.

1. Run the **vwc2install.exe** file located in your Velocity installation folder.
2. The first page of the **Velocity Web Services Client Installer** wizard is displayed. On this **Application Install Option** page, select the appropriate set of options, then click **Next**.



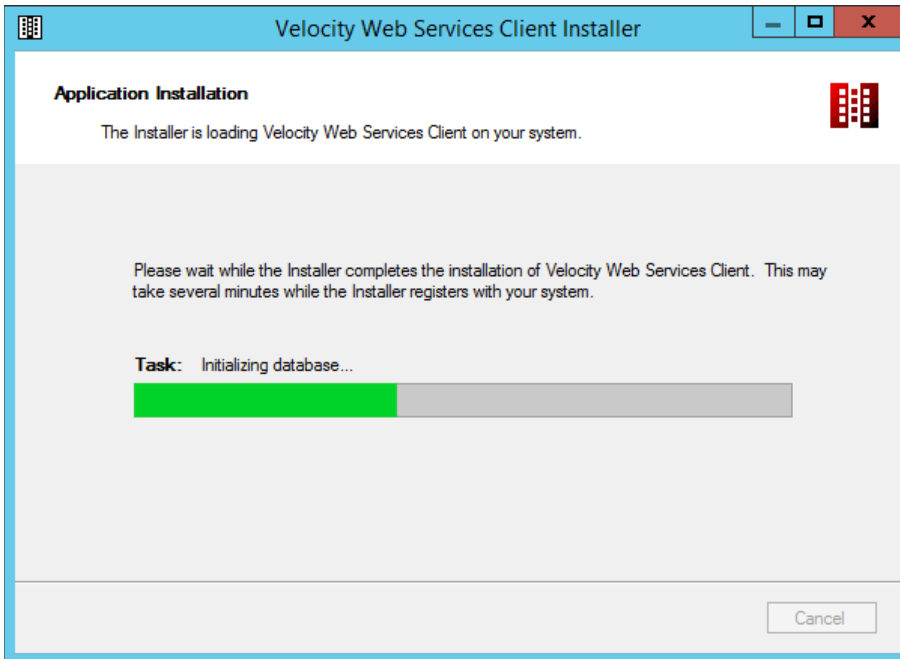
- Choose whether to install both the Velocity Web Service and the IIS Client Website, or only the Velocity Web Service.  
**NOTE:** Choosing the option to **Install Velocity Web Service only** enables the last option on this page to **Create Website bundle for separate machine**. This enables you to install the Web site on a different computer than your Velocity Server.
- Choose whether to enable Secure Socket Layer (SSL) communication for the Velocity Web Service.
- If you chose the option to install only the Velocity Web Service on this computer, then you can choose whether to create a Website bundle for installing the Web site on a different computer than your Velocity Server.

After you click the **Next** button, the following screen appears:

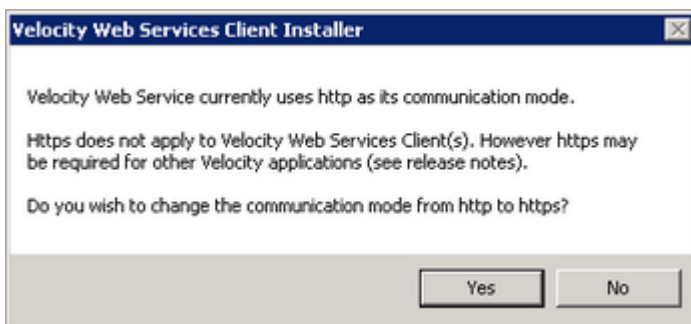


3. On this **Service and Website Settings** screen:
  - A. In the **Service Account** field, verify or change the user account (by default in the Velocity Services group) that the underlying service for the Velocity Web Services Client will use to log on to Velocity.
  - B. In the **Password** field, enter the password that the specified Service Account will use to log on to Velocity. . (Enter the same password that was used on the **Application Network and Security** page when Velocity was installed.)
  - C. In the **Port number** field, enter the network port number that will be used for communication between Velocity and the Velocity Web Services Client.
  - D. Click **Next**.

An **Application Installation** screen displays progress information while the Velocity Web Services Client is being installed. For example:



4. If you are updating an existing installation of the Velocity Web Services Client (instead of performing a new installation), then when the following dialog appears, choose whether or not you need the Velocity Web Service use the secured HTTPS protocol when communicating with some other software components.



After the Velocity Web Services Client has finished installing, ensure that:

- [the Velocity Web Service is running](#)
- if you want to use a network port other than the default of 80, you must [configure the network port used by the default IIS Web site](#) to communicate with the Velocity Web Services Client
- [the network port used by the default IIS Web site is allowed through your firewalls](#)

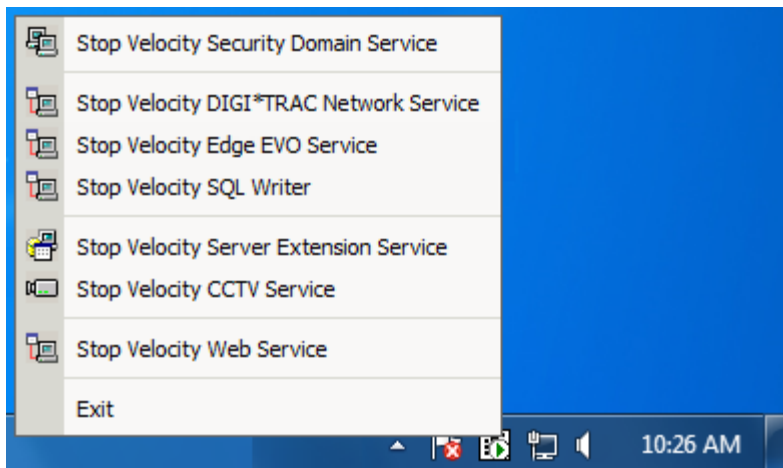
## Ensuring that the Velocity Web Service is Running



**Role Permissions:** To check the status of the Velocity Web Service, you must have the following Role Permission: **Application Permissions ► Service Control Manager ► Service Control Manager - Use.**

After you install the Velocity Web Services Client, you should use Velocity's Service Control Manager to verify that the Velocity Web Service is running.

Right-click on the Velocity Service Control Manager icon in the Windows taskbar, and look at the commands on the pop-up menu:



- If you see a command to **Start Velocity Web Service**, click on it.
- If you see a command to **Stop Velocity Web Service**, the service is already running, and you should click outside the pop-up menu to close it.

## Configuring the network port used by the default IIS Web site

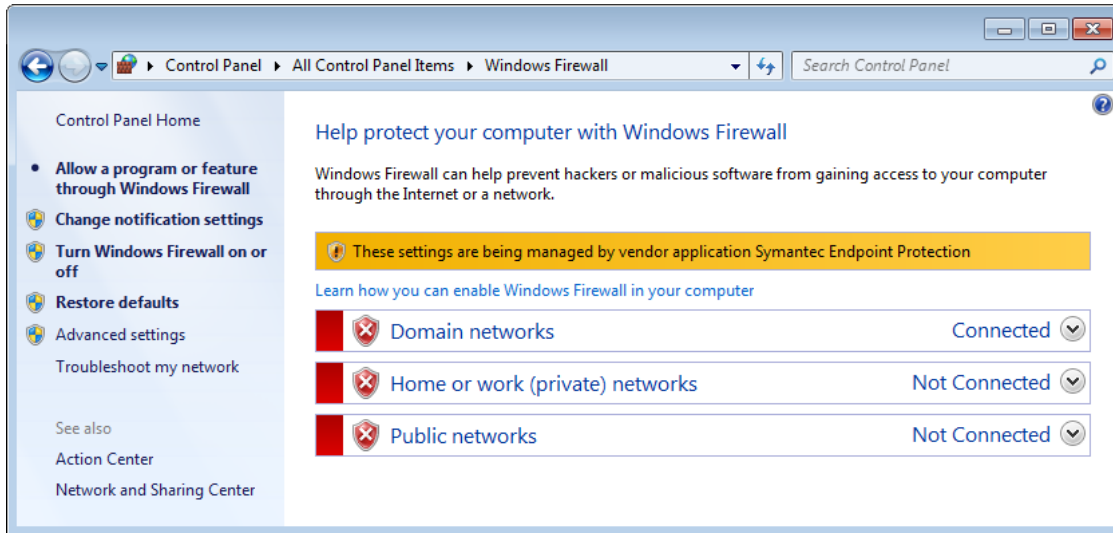
The Velocity Web Services Client works like a typical Web page, and connects to Microsoft's IIS using the HTTP protocol. The default network port is 80, which might already be used by some other program.

If you want to use a network port other than the default of 80, you can perform the following steps to configure the network port used by the default IIS Web site to communicate with the Velocity Web Services Client.

1. From your Windows Server Start menu (on the computer where IIS and the Velocity Server are installed), select **Administrative Tools ► Internet Information Services (IIS) Manager**.
2. In the Connections pane of the **Internet Information Services (IIS) Manager** window, expand the computer name, expand **Sites**, and then click on **Default Web Site**.
3. In the Actions pane (under Edit Site), click on **Bindings**.
4. In the resulting Site Bindings dialog, click the **http** entry, and then click on **Edit**.
5. In the resulting Edit Site Bindings dialog, enter the desired value (such as 8080) for the **Port**, and click **OK**.
6. Close the Site Bindings dialog.
7. In the Actions pane of the **Internet Information Services (IIS) Manager** window (under Manage Web Site), click **Stop**, and then click **Start**.

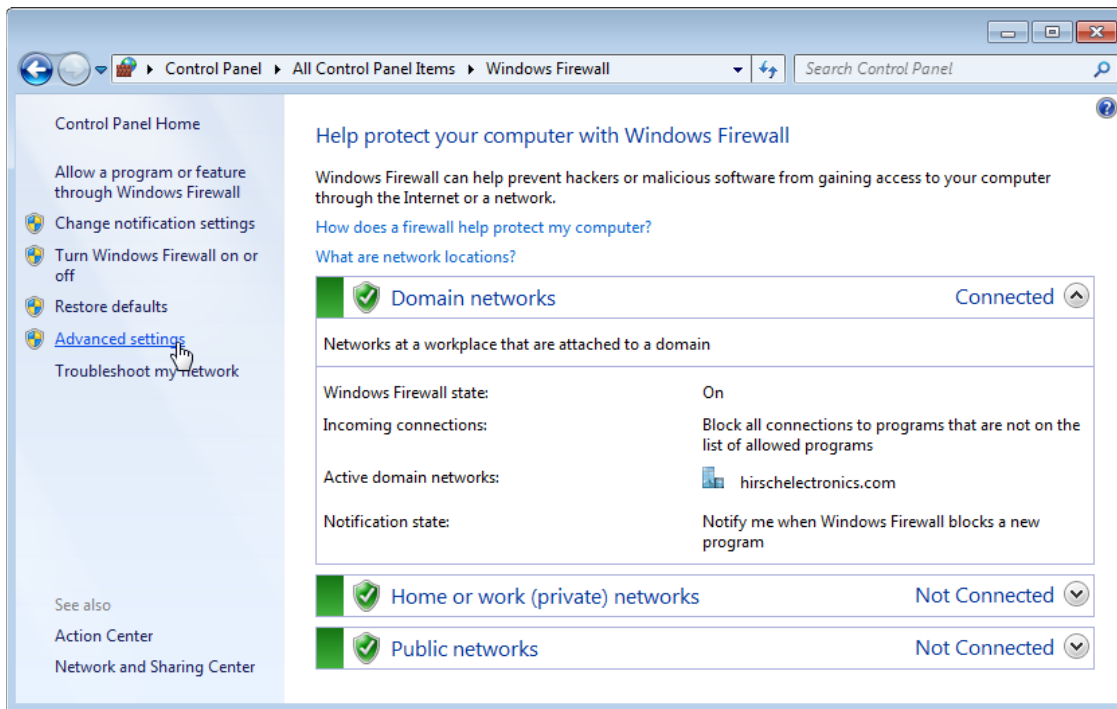
## Ensuring that the Network Port used by the Default IIS Web Site is Allowed Through Your Firewalls

Because the Velocity Web Services Client communicates across a shared network (instead of a dedicated physical security network), you will have to work with your network administrator to ensure that the network port used by the default IIS Web site is allowed through your firewalls. Some networks use the software firewall provided with Microsoft Windows, other networks use a software firewall provided by a different vendor (as shown in the following image), and high-security networks include hardware firewalls.



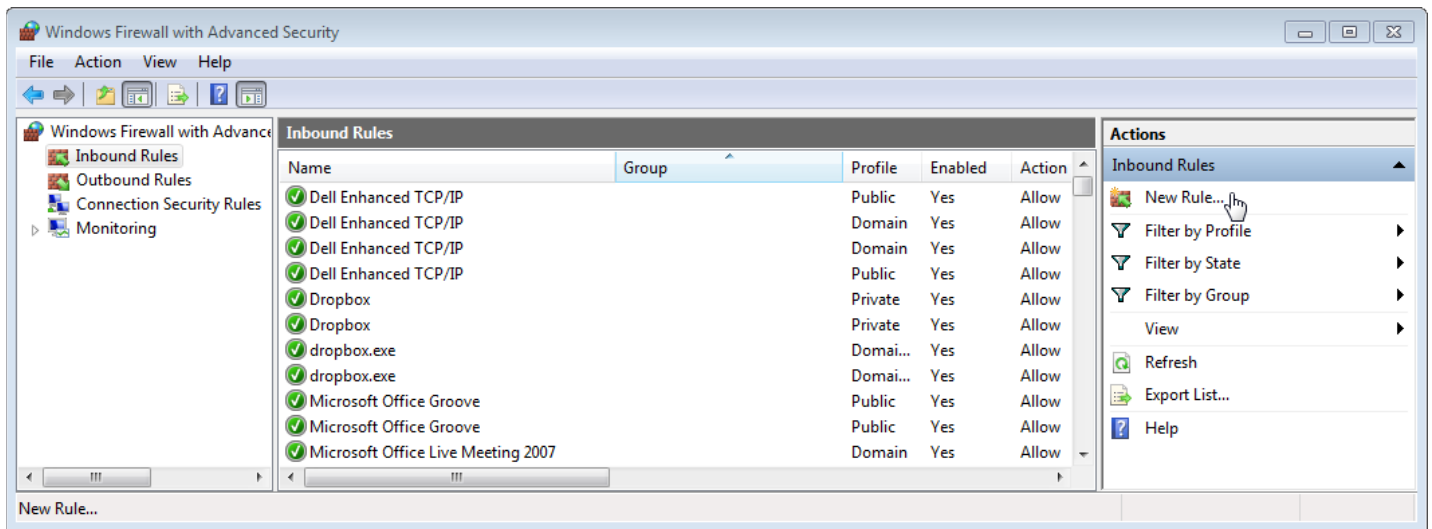
Because the firewalls on a network can vary so much, we cannot provide a detailed procedure for your specific network. But the following example for the Windows 7 Firewall should help illustrate the general process.

1. Open the Windows 7 **Control Panel**, and click on the **Windows Firewall** link.

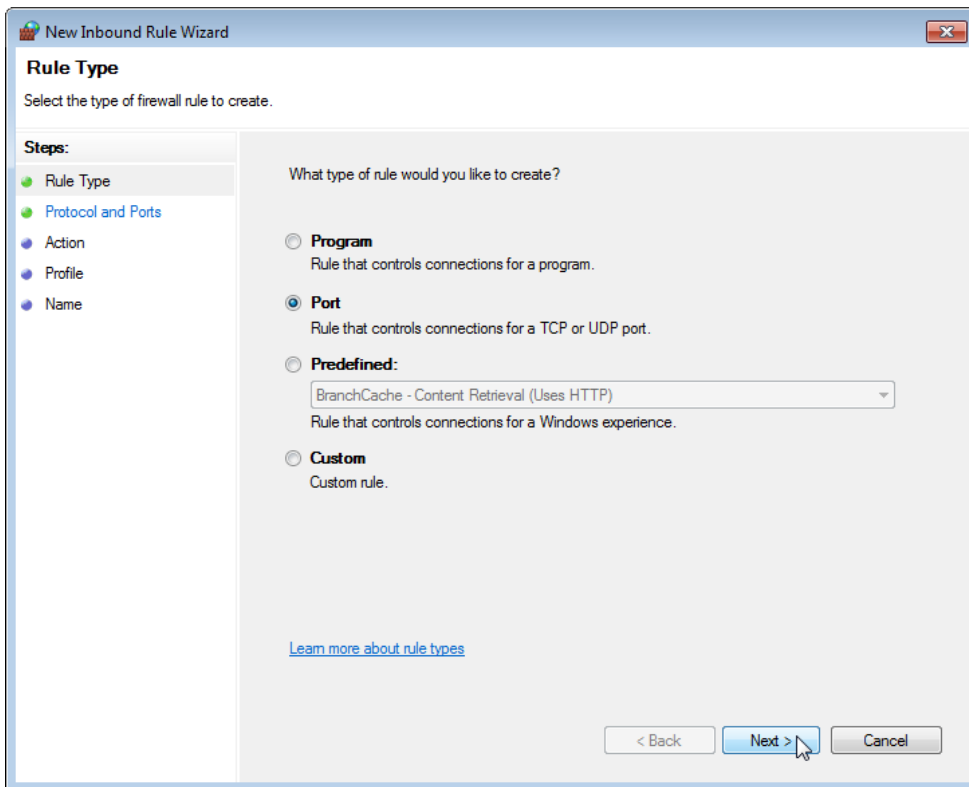


2. Click on the **Advanced settings** link (in the left column).

- In the resulting **Windows Firewall with Advanced Security** window, click on **Inbound Rules** (in the left pane), and then click on **New Rule...** in the Actions pane.



- On the **Rule Type** page of the resulting **New Inbound Rule Wizard**, select the **Port** option, and then click **Next**.



5. On the **Protocol and Ports** page, select the **TCP** option, select the **Specific local ports** option and enter the desired value (such as 8080), and then click **Next**.

The screenshot shows the 'New Inbound Rule Wizard' window, specifically the 'Protocol and Ports' step. The title bar reads 'New Inbound Rule Wizard'. The main heading is 'Protocol and Ports' with the instruction 'Specify the protocols and ports to which this rule applies.' On the left, a 'Steps:' pane lists 'Rule Type', 'Protocol and Ports' (highlighted), 'Action', 'Profile', and 'Name'. The main area contains two questions: 'Does this rule apply to TCP or UDP?' with radio buttons for 'TCP' (selected) and 'UDP'; and 'Does this rule apply to all local ports or specific local ports?' with radio buttons for 'All local ports' and 'Specific local ports' (selected). Below the second question is a text input field containing '8080' and an example text 'Example: 80, 443, 5000-5010'. At the bottom, there are three buttons: '< Back', 'Next >' (with a mouse cursor over it), and 'Cancel'. A link 'Learn more about protocol and ports' is also present.

6. On the **Action** page, click **Next** to accept the defaults.

The screenshot shows the 'New Inbound Rule Wizard' window, specifically the 'Action' step. The title bar reads 'New Inbound Rule Wizard'. The main heading is 'Action' with the instruction 'Specify the action to be taken when a connection matches the conditions specified in the rule.' On the left, a 'Steps:' pane lists 'Rule Type', 'Protocol and Ports', 'Action' (highlighted), 'Profile', and 'Name'. The main area contains the question 'What action should be taken when a connection matches the specified conditions?' with three radio button options: 'Allow the connection' (selected), 'Allow the connection if it is secure', and 'Block the connection'. The 'Allow the connection' option has a description: 'This includes connections that are protected with IPsec as well as those are not.' The 'Allow the connection if it is secure' option has a description: 'This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.' and a 'Customize...' button. At the bottom, there are three buttons: '< Back', 'Next >' (with a mouse cursor over it), and 'Cancel'. A link 'Learn more about actions' is also present.

7. On the **Profile** page, click **Next** to accept the defaults.

The screenshot shows the 'New Inbound Rule Wizard' window, specifically the 'Profile' step. The title bar reads 'New Inbound Rule Wizard'. The main heading is 'Profile', with the instruction 'Specify the profiles for which this rule applies.' Below this, a 'Steps:' list on the left includes 'Rule Type', 'Protocol and Ports', 'Action', 'Profile' (which is highlighted), and 'Name'. The main area is titled 'When does this rule apply?' and contains three checked options: 'Domain' (Applies when a computer is connected to its corporate domain.), 'Private' (Applies when a computer is connected to a private network location.), and 'Public' (Applies when a computer is connected to a public network location.). A link 'Learn more about profiles' is at the bottom left. At the bottom right are buttons for '< Back', 'Next >' (with a mouse cursor over it), and 'Cancel'.

8. On the **Name** page, enter the required **Name**, optionally enter a **Description**, and click **Finish**.

The screenshot shows the 'New Inbound Rule Wizard' window, specifically the 'Name' step. The title bar reads 'New Inbound Rule Wizard'. The main heading is 'Name', with the instruction 'Specify the name and description of this rule.' Below this, a 'Steps:' list on the left includes 'Rule Type', 'Protocol and Ports', 'Action', 'Profile', and 'Name' (which is highlighted). The main area has a 'Name:' label followed by a text box containing 'Velocity Web Services Client'. Below that is a 'Description (optional):' label followed by a larger text box. At the bottom right are buttons for '< Back', 'Finish' (with a mouse cursor over it), and 'Cancel'.

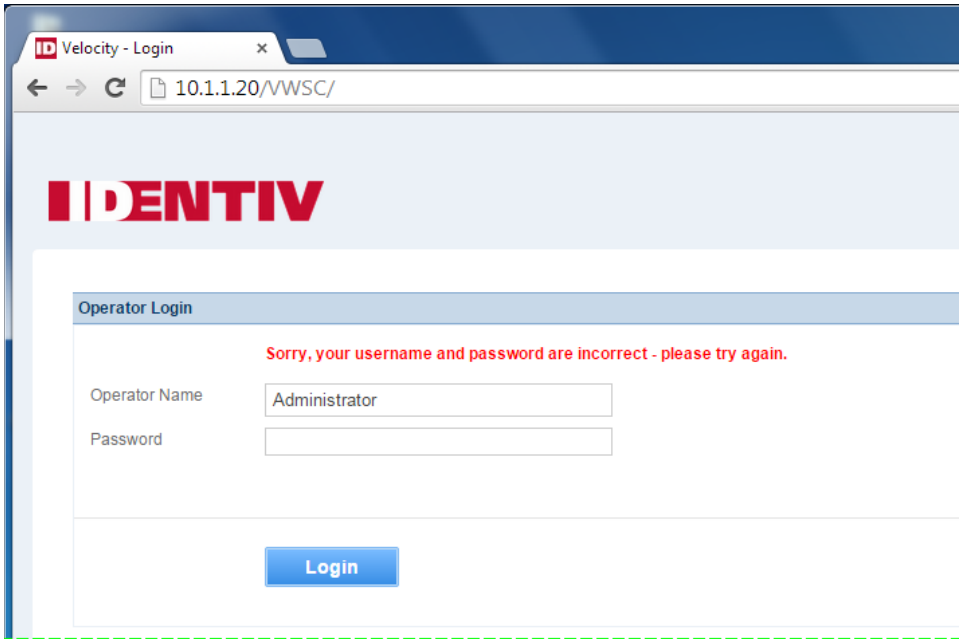


## Quick Tour of the Velocity Web Services Client

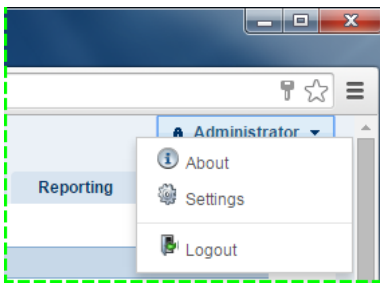
This section provides a high-level quick tour of the functionality available in the Velocity Web Services Client.

### Logging In to the Velocity Web Services Client

The Login page is used to log in to this client. Enter the username and password of an existing Velocity operator, and click the **Login** button. If either the username or the password is incorrect, the following error message is displayed:

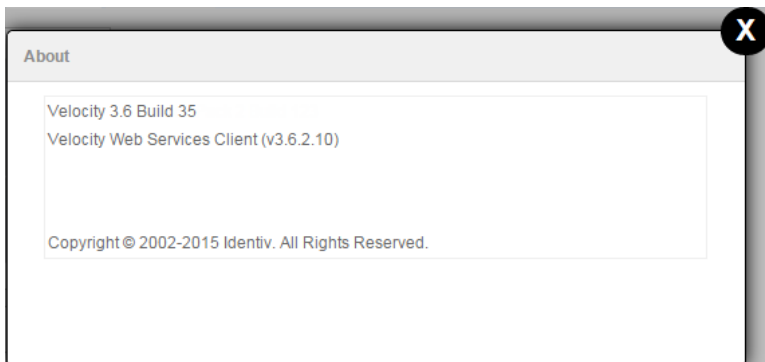


### Commands on the Operator drop-down menu



After you successfully log in to the Velocity Web Services Client, there is an Operator drop-down menu (in the upper right corner) that includes commands to:

- display an **About** dialog which shows version information for Velocity and the Velocity Web Services Client



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- open the **Settings** page where you can specify some options for the Velocity Web Services Client (including the “Landing Page” which is the default page displayed after you log in)

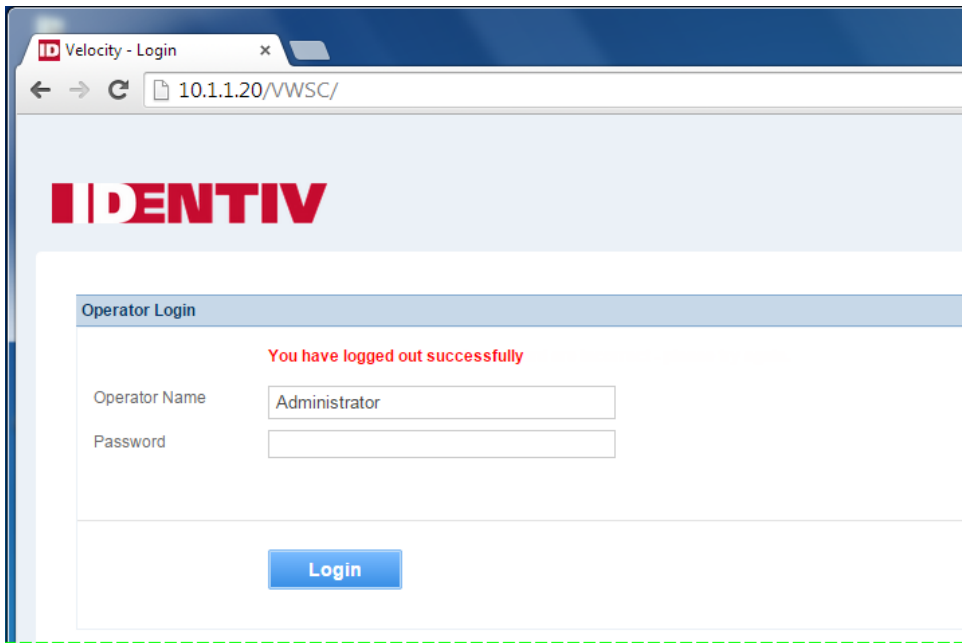
The screenshot shows the 'Velocity - Settings' web application. The browser address bar displays '10.1.1.20/VWSC/Configuration/ConfigurationManager'. The page features the 'IDENTIV' logo and a navigation bar with tabs: 'Enrollment', 'Alarms', 'Device Control', 'Reporting', and 'Status Dashboard'. The 'Settings' section is active, with sub-tabs for 'General', 'Alarms', and 'Events'. In the 'General' tab, the 'Landing Page' is set to 'Enrollment' and the 'Region' is 'English - United States'. An 'Apply Changes' button is located at the bottom right.

This screenshot shows the 'Alarms' tab within the 'Settings' section. The 'Maximum Page Size' is set to 'Show 50 alarms per page (Max : 100)'. The 'Alarm Sorting' option is set to 'Display Alarms Most Recent to Oldest'. Under 'Alarm Acknowledge Options', the following settings are visible: 'Require Acknowledge before Clearing' (checked), 'Require Entry of Note on Acknowledge' (unchecked), 'Force New Note for Multiple Acknowledge' (unchecked), 'Require Entry of Note on Clear' (unchecked), and 'Force New Note for Multiple Clear' (unchecked).

This screenshot shows the 'Events' tab within the 'Settings' section. The 'Maximum Page Size' is set to 'Show 50 events per page (Max : 100)'. Under 'Show Events', the following options are checked: 'On Enrollment Page', 'On Device Control Page', 'On Alarms Page', and 'Load Cached Events'.

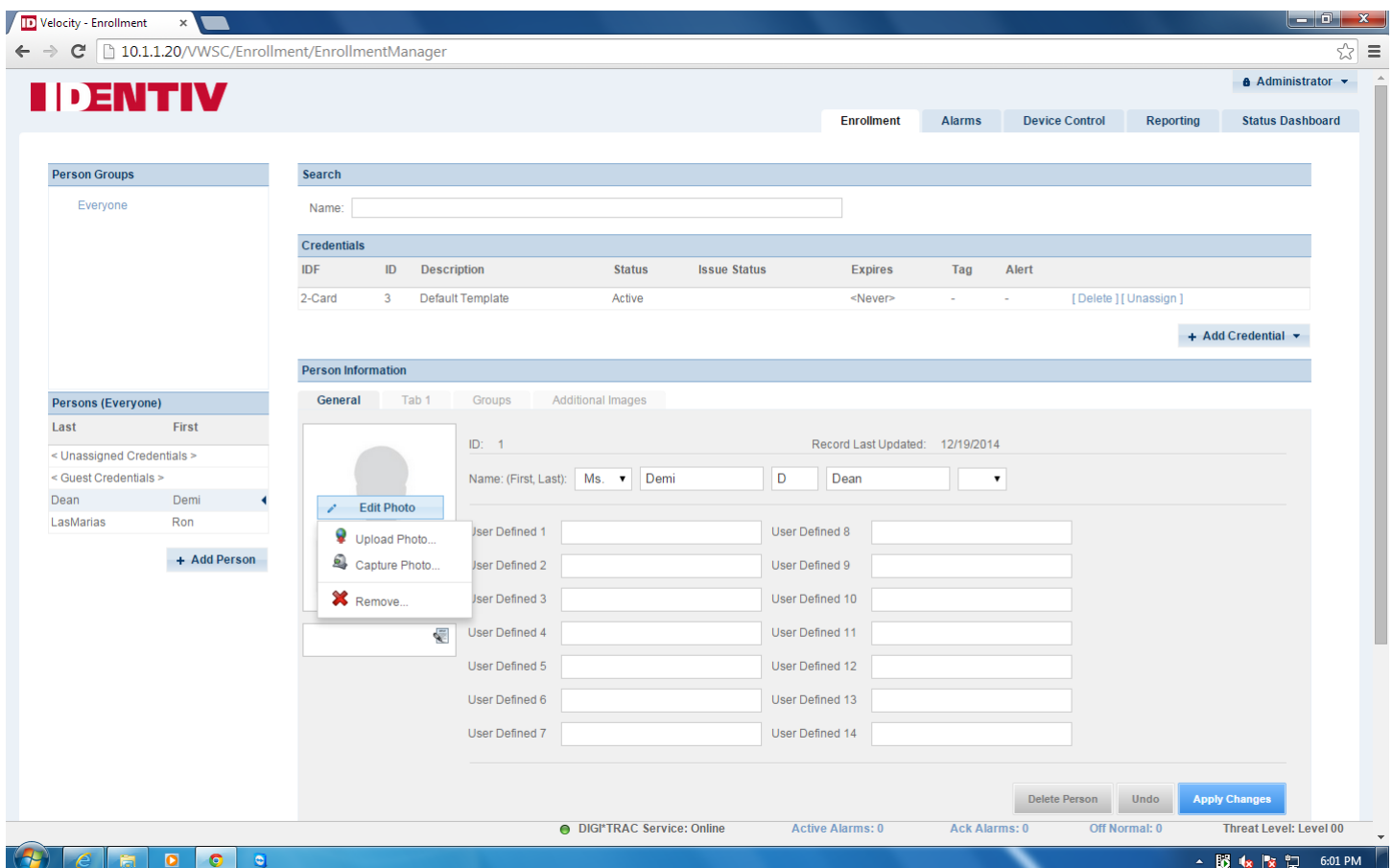
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- logout from your current session (and return to the Login page)



### Enrollment page

The **Enrollment** page of the Velocity Web Services Client provides the most important functionality of Velocity's Enrollment Manager.



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By default, this page also includes an Events pane which provides the most important functionality of Velocity's Event Viewer. (You can remove the Events pane by unchecking the **Show Events On Enrollment Page** option on the Events tab of the Settings page.)

### Alarms page

The **Alarms** page of the Velocity Web Services Client provides the most important functionality of Velocity's Alarm Viewer (including any pre-defined Instructions to the operator for a specific type of alarm and Notes entered by the operator to document their response to a specific alarm).

The screenshot displays the Velocity Web Services Client interface. The top navigation bar includes tabs for Enrollment, Alarms, Device Control, Reporting, and Status Dashboard. The Alarms tab is active, showing a section for Alarms with the message "There are no active alarms at this time". Below this is a table of Acknowledged Alarms. The Events section at the bottom shows a list of events with columns for Host Time, Controller Time, Description, Address, Event Type, and Event ID. The sidebar on the right contains a section for Instructions and Notes, with a note dated 12/23/2014 03:00:40 PM by Administrator stating "Verified that my card worked at the main lobby door."

Action	Host Time	Controller Time	Acknowledge Time	Description	Address	Acknowledged By
uTrustVerge Service online	12/19/2014 08:50:30 AM		12/19/2014 08:50:30 AM	uTrustVerge Service online	\\Verge.001	Velocity

Host Time	Controller Time	Description	Address	Event Type	Event ID
12/23/2014 02:53:42 PM		Operator ADMINISTRATOR logged on to web client 10.1.1.5	\\HECQA-GX620-20.001	Software	1316
12/23/2014 02:43:55 PM	12/23/2014 02:43:47 PM	Relay Relay 02 state change (0) none	\\XNET.001.0002.001.01.BR02	DIGITRAC Internal	9033
12/23/2014 02:43:49 PM	12/23/2014 02:43:41 PM	Access granted: Ron LasMarias Door 02-Reader 02	\\XNET.001.0002.001.01.SM02	DIGITRAC Transaction	2000
12/23/2014 02:43:49 PM	12/23/2014 02:43:41 PM	Relay Relay 02 state change (1) door trigger	\\XNET.001.0002.001.01.BR02	DIGITRAC Internal	9033
12/23/2014 02:20:02 PM		Operator Administrator logged on to workstation HECQA-GX620-20	\\HECQA-GX620-20.001	Software	1022
12/23/2014 02:05:58 PM		Operator ADMINISTRATOR disconnected from workstation HECQA-GX620-20	\\HECQA-GX620-20.001	Software	1031
12/23/2014 12:00:06 PM	12/23/2014 12:00:00 PM	Warning! System code is 123 at controller (Mx4) Controller IP #246 - MSTR	\\XNET.001.0002.001.01	Miscellaneous	8015
12/23/2014 12:00:05 PM	12/23/2014 12:00:00 PM	Warning! System code is 123 at controller (M8) Controller IP #192	\\XNET.001.0001.001.01	Miscellaneous	8015
12/23/2014 12:00:05 PM	12/23/2014 12:00:00 PM	Warning! System code is 123 at controller (M2) ControllerRS485 - SLV	\\XNET.001.0002.001.02	Miscellaneous	8015

DIGITRAC Service: Online Active Alarms: 0 Ack Alarms: 0 Off Normal: 0 Threat Level: Level 00

By default, this page also includes an Events pane which provides the most important functionality of Velocity's Event Viewer. (You can remove the Events page by unchecking the **Show Events On Enrollment Page** option on the Events tab of the Settings page.)

## Device Control page

The **Device Control** page of the Velocity Web Services Client provides the most important functionality of Velocity's Administration window.

**Device Control**

Command Sets  
 DIGITRAC Configuration  
   Doors  
   Expansion Inputs  
   Expansion Relays  
   Inputs  
   Readers  
   Relays

Action	Name	Index	Address
Access ▾ Control ▾	Door 01	1	\\XNET.001.0001.001.01.DR01
Access ▾ Control ▾	Door 01	1	\\XNET.001.0002.001.01.DR01
Access ▾ Control ▾	Door 01	1	\\XNET.001.0002.001.02.DR01
Access ▾ Control ▾	Door 02	2	\\XNET.001.0002.001.02.DR02
Access ▾ Control ▾	Door 02	2	\\XNET.001.0002.001.01.DR02
Access ▾ Control ▾	Door 02	2	\\XNET.001.0001.001.01.DR02
Access ▾ Control ▾	Door 03	3	\\XNET.001.0001.001.01.DR03
Access ▾ Control ▾	Door 03	3	\\XNET.001.0002.001.01.DR03
Access ▾ Control ▾	Door 03	3	\\XNET.001.0002.001.02.DR03
Access ▾ Control ▾	Door 04	4	\\XNET.001.0002.001.02.DR04
Access ▾ Control ▾	Door 04	4	\\XNET.001.0002.001.01.DR04
Access ▾ Control ▾	Door 04	4	\\XNET.001.0001.001.01.DR04
Access ▾ Control ▾	Door 05	5	\\XNET.001.0001.001.01.DR05
Access ▾ Control ▾	Door 06	6	\\XNET.001.0001.001.01.DR06

**Events**

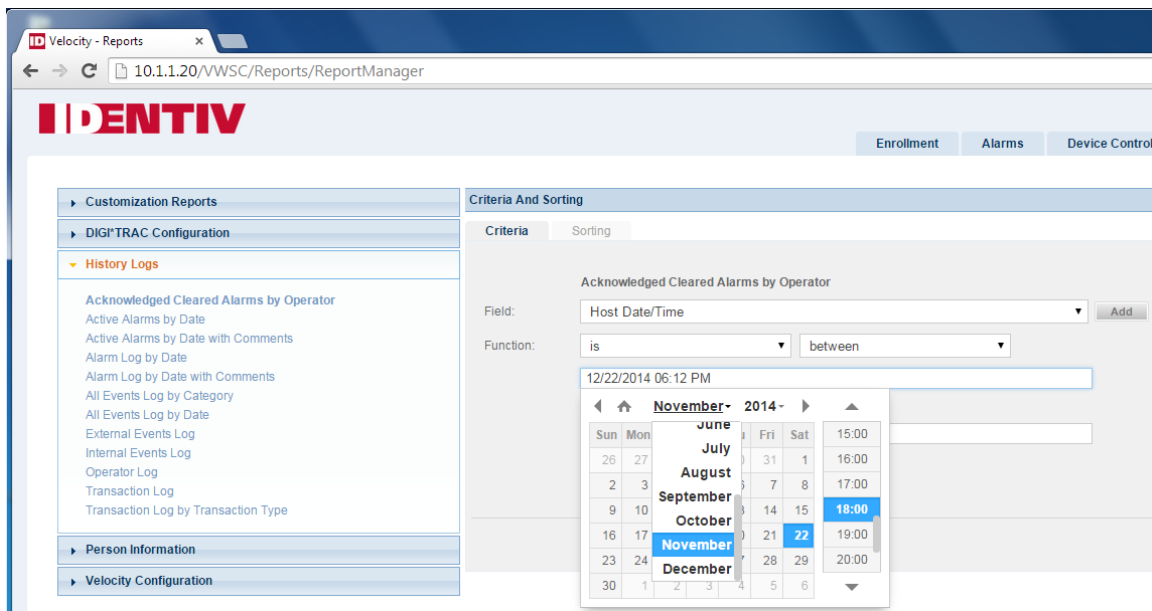
Host Time	Controller Time	Description	Address	Event Type	Event ID
12/22/2014 02:02:48 PM		Operator ADMINISTRATOR logged on to web client 10.1.1.5	\\HECQA-GX620-20.001	Software	1316
12/22/2014 01:42:07 PM		Operator ADMINISTRATOR logged off from web client 10.1.1.5	\\HECQA-GX620-20.001	Software	1317
12/22/2014 01:40:44 PM		Operator ADMINISTRATOR logged on to web client 10.1.1.5	\\HECQA-GX620-20.001	Software	1316

javascriptvoid(0) DIGITRAC Service: Online Active Alarms: 0 Ack Alarms: 0 Off Normal: 0 Threat Level: Level 00

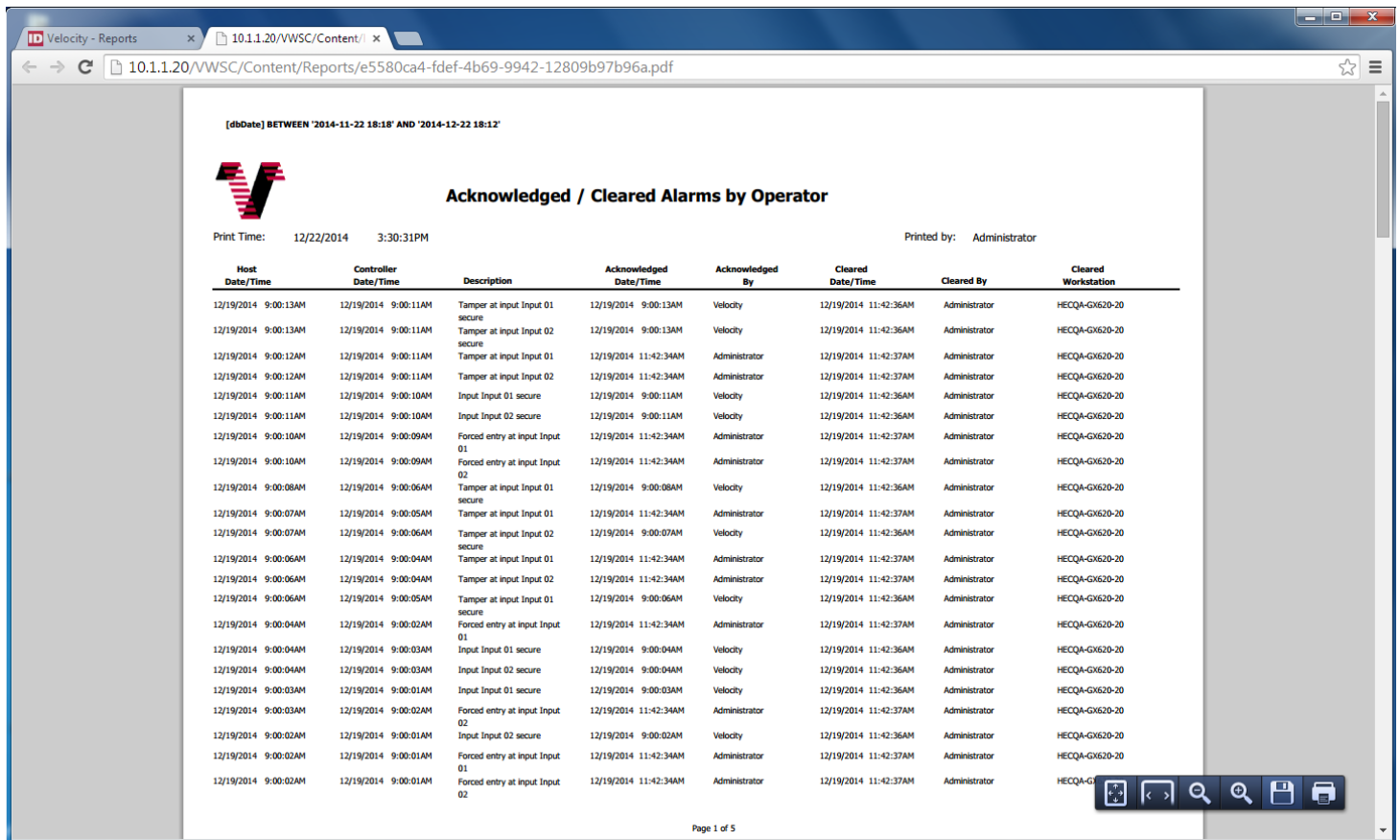
By default, this page also includes an Events pane which provides the most important functionality of Velocity's Event Viewer. (You can remove the Events page by unchecking the **Show Events On Enrollment Page** option on the Events tab of the Settings page.)

## Reporting page

The **Reporting** page of the Velocity Web Services Client provides the most important functionality of Velocity's Report Manager.



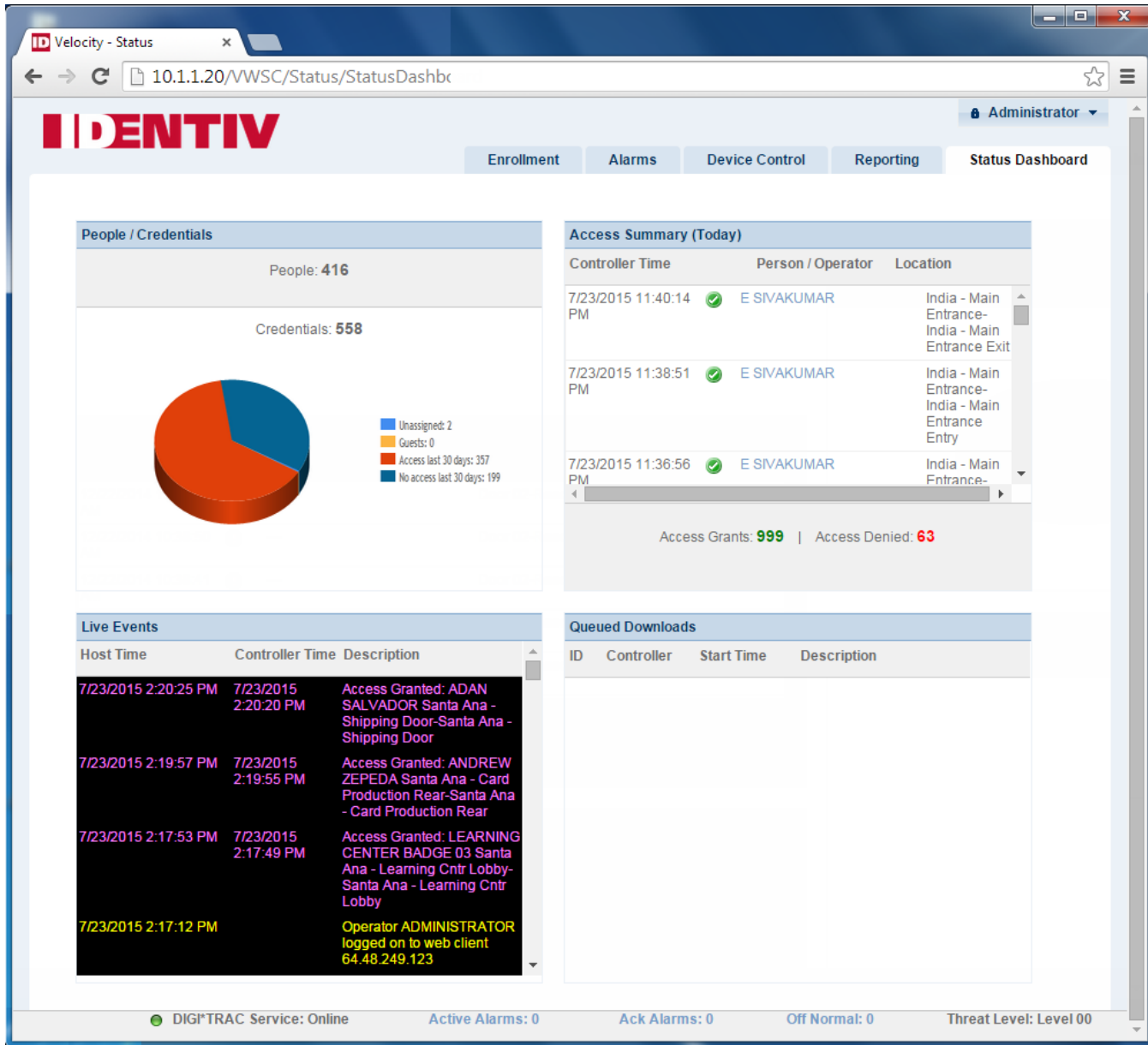
After you click **Generate Report**, a progress indicator is displayed until the request has completed. If the report fails for some reason, an error message is displayed. If the report succeeds, a Report Generated dialog with an **Open Report** button is displayed. When you click that button, the resulting .PDF file is opened in a new tab of the current browser window.



## Status Dashboard page

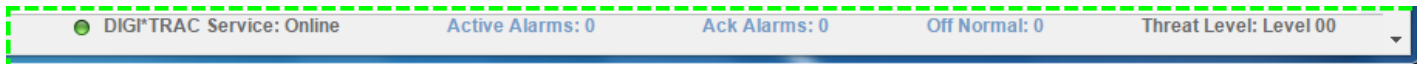
The **Status Dashboard** page of the Velocity Web Services Client displays information about:

- the summary status of your People and Credentials
- the access that was granted or denied today
- the Live Events
- the Queued Downloads to your controllers



## Status Bar

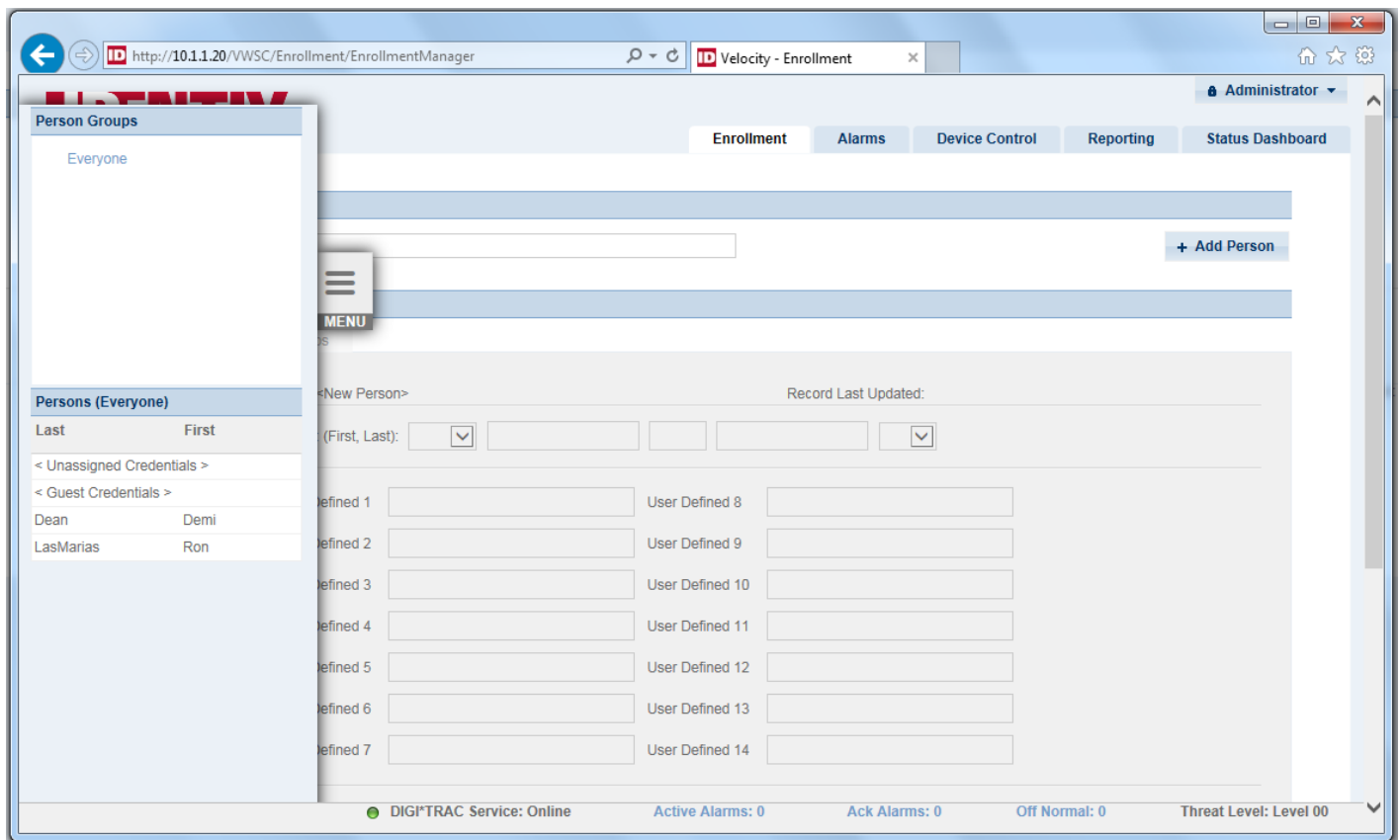
The status bar at the bottom of the Velocity Web Services Client shows some status information about your Velocity system, including alarms and the threat level.



The items shown in blue are hyperlinks. If you click on the **Active Alarms** link or the **Ack Alarms** link, the Alarms page is displayed. If you click on the **Off Normal** link, the Off Normal Points dialog is displayed.

## Pull-Out Menus for Narrow Browser Windows

When your Web browser window is too narrow to display all the information on certain pages of the Velocity Web Services Client, the smaller pane is moved to a pull-out menu on either the left or the right side. For example, on the Alarms page, the Instructions and Notes can move to a pull-out menu on the right side. On the Enrollment page, the Person Groups and the Persons list can move to a pull-out menu on the left side:





## New Features and Enhancements

The following table describes the new features and enhancements in this 3.6.6.515 release (relative to the 3.6.5.1 release).

Reference ID	Summary	Description
VELWC-331	Option to automatically disable inactive operators	<p>Revision 4 of the NIST Special Publication 800-53, Security and Privacy Controls for Federal Information Systems and Organizations, includes Appendix F: Security Control Catalog. Security Control AC-2, Account Management, recommends that an information system automatically disables inactive accounts after a period of time which is determined by the organization.</p> <p>The Velocity 3.6 SP2.1 release provides this security control as the option to “<b>Disable Operator after N days of inactivity</b>” on the <b>General</b> page of the <b>Operator Properties</b> dialog, in the traditional Windows-based Velocity Client. This option is set individually for each operator, enabling you to specify the period of time which is appropriate for the assigned roles.</p> <p><b>NOTE:</b> This option is supported by the Velocity Web Services Client, but it must be set in the traditional Windows-based Velocity Client.</p>
VELWC-332	Enforce restrictions on operators by shift or when locked down	<p>Previously, the Velocity Web Services Client enabled an operator to log in and/or continue to use Velocity under the following circumstances (while the traditional Windows-based Velocity Client prohibited it):</p> <ul style="list-style-type: none"> <li>• outside of the time range specified in the <b>Restrict by Shift</b> option (on the <b>General</b> page of the <b>Operator Properties</b> dialog)</li> <li>• when the operator had been locked down (by selecting the Administration window's <b>Velocity Configuration ► Operators</b> folder, right-clicking on the operator in the right pane, and choosing the <b>Lock Down</b> command from the pop-up menu)</li> </ul> <p>Now these restrictions are appropriately enforced by the VWSC.</p>
VELWC-333	New low-priority control functions (Suppress Operate and Suppress Operate Release) for relays	<p>Velocity has added two new relay control functions named <b>Suppress Operate</b> and <b>Suppress Operate Release</b>. Along with <b>Operate by Time Zone</b>, these new functions have the lowest priority.</p> <p>The <b>Operate by Time Zone</b> relay control function is useful for unlocking a door to the general public during regularly scheduled hours. Typically a receptionist or security guard is present during those hours to oversee the area.</p> <p>The <b>Suppress Operate</b> relay control function temporarily overrides (suppresses) only the <b>Operate by Time Zone</b> function, so that you can prevent access to the general public during unusual situations such as the receptionist or security guard not being present. (Personnel with the proper credentials can still be granted access through the door.) When the situation has been resolved, you can return the door to its normal <b>Operate by Time Zone</b> mode using the <b>Suppress Operate Release</b> relay control function.</p> <p>Relay control functions can be used in several different ways:</p> <ul style="list-style-type: none"> <li>• programming a relay by Time Zones or Control Zones is done on the <b>Logic</b> page of the Properties dialog for a door or a relay</li> <li>• manually operating a door's relay is done using right-click menu commands (such as <b>Control Functions ► Suppress Operate</b>)</li> <li>• programming a relay by Master Control Zones is done on the <b>Master Control Zones</b> page of the Properties dialog for a Control Zone</li> <li>• programming a relay can also be done using a <b>Command Set</b></li> <li>• a relay function can be used to define a <b>Credential Function</b></li> </ul>

Reference ID	Summary	Description
VELWC-334	New access function to Toggle Lock	Velocity has a new Access function named <b>Toggle Lock</b> . When no other relay programming is active, this new function enables a single card, PIN code, extension digit, or other credential format to toggle any relay-controlled device (such as a lobby door or an HVAC system) between its on and off states.

## Bug Fixes

There are no bug fixes in this 3.6.6.515 release (relative to the 3.6.5.1 release).

## Known Issues

Reference ID	Summary	Description
VELWC-79	Status of an IDF 0 (Badge Only) credential is different in the VWSC versus the traditional Velocity Client	When a credential is set to IDF 0 (Badge Only), there are some differences in the status displayed in the Velocity Web Services Client versus the traditional Windows-based Velocity Client.  There is no workaround for this issue.
VELWC-114	The VWSC should not allow you to delete a function from a credential linked to a credential template	The Velocity Web Services Client allows you to delete a function from a credential which is linked to a credential template. This operation is not permitted by the traditional Windows-based Velocity Client.
VELWC-139	Report generated in the VWSC by a non-Admin operator has a "Printed by:" value of VELOCITYSERVICES	When a non-Admin operator generates a report in the Velocity Web Services Client, the "Printed by:" value is VELOCITYSERVICES.  The workaround is to generate the report in the traditional Windows-based Velocity Client, which does display the correct operator name.
VELWC-204	Version 11 of Internet Explorer (or a different browser) is required to create a person or a credential	If you try to use version 8 (or earlier) of Microsoft's Internet Explorer with the Velocity Web Services Client, you cannot create a person or a credential. To use Internet Explorer, you must upgrade it to version 11 (or later).  Alternatively, you can use a different browser such as Google's Chrome (version 39.0 or later).
VELWC-231	The Date/Time format is not consistent across the VWSC	In the Velocity Web Services Client, a Date/Time is not displayed in a consistent format. It is displayed differently in: <ul style="list-style-type: none"> <li>• a user-defined field (UDF) with the Type of Date</li> <li>• the activation and expiration fields of a credential</li> <li>• the date/time fields of a report's selection Criteria</li> </ul> There is no workaround for this issue.
VELWC-236	<b>Expire on UDF date</b> option is not disabled if there are no UDFs with the type of Date.	When you set the expiration date for a credential using the Velocity Web Services Client, the <b>Expire on UDF date</b> option (on the Set Expiration Date dialog) is not disabled if there are no User-Defined Fields with the type of Date.  There is no workaround for this issue.

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Reference ID	Summary	Description
VELWC-268	The Queued Downloads pane on the Status Dashboard page does not show info about credential downloads.	<p>Information about credential downloads is displayed in the Download Monitor of the traditional Windows-based Velocity Client, but is not displayed in the Queued Downloads pane on the Status Dashboard page in the Velocity Web Services Client.</p> <p>There is no workaround for this issue.</p>
VELWC-270	Velocity Web Services not deleted as part of the VWSC uninstall on Velocity 3.5 SP2.1, which can cause problems if you later install Velocity 3.6.	<p>If you uninstall the Velocity Web Services Client from a Velocity 3.5 SP2.1 system (or completely uninstall Velocity), the Velocity Web Services service is not deleted. This can cause problems if you later install Velocity 3.6 on that computer.</p> <p>The workaround is that after uninstalling the Velocity Web Services Client on Velocity 3.5 SP2.1, you must:</p> <ol style="list-style-type: none"> <li>1. Log on to Windows with a user account that has local Administrator privilege.</li> <li>2. Open a command prompt and run the following command: <b>SC delete "VWSX"</b></li> <li>3. Open the Windows Service Manager and check whether the Velocity Web Services service is still listed. If it is, reboot the computer.</li> </ol>
VELWC-295	When using an unsupported browser, you cannot create a new user	<p>When using an older browser which is not supported by the VWSC (such as Microsoft's Internet Explorer version 8), you cannot create a new user on the <b>Enrollment</b> page.</p> <p>The workaround is to use a supported browser, such as Google's Chrome (version 39.0 or later), Microsoft's Internet Explorer (version 11 or later), or Apple's Safari (version 6.2 or later).</p>