

Velocity 3.5 SP1.1 Release Notes



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Overview

The Velocity 3.5 SP1.1 release includes a few bug fixes, and implements changes to the software licensing scheme (which are explained in [Changes to Software Licensing](#) later in this document).

- To utilize all the features of 3.5 SP1.1 (including support for the Mx controller which was added in 3.5 SP1) requires CCM version 7.5.04 or later.
- To utilize the PIV-I/128-bit GUID support (first provided in CCM Version 7.4.58) also requires MATCH2 version 130127 or later. (ScramblePad model numbers starting with DS47L-SSP include a MATCH2 board.)

For more information, see the tables of [New Features and Enhancements](#) and [Bug Fixes](#).

This document also summarizes the [Known Issues](#) in this release.

NOTE: The XML Writer server extension (and its associated role permissions) was removed from Velocity, starting with the initial 3.5 release. If you were using the XML Writer, you will need to rewrite your application so it uses the Message Queue Writer instead. See the **Interfaces Configuration > Writers (E-mail, Message Queue, and Serial Port) > Message Queue Writers** topic in Velocity's online help system. If you need additional assistance, contact Identiv's Technical Support department

New Features and Enhancements

Reference ID	Feature	Description
VEL-3236	Support for new Velocity Unlimited Edition licensing schemes	Starting with the 3.5 release, Velocity was priced separately and was offered in four editions. Now Velocity is offered in just two editions: Unlimited Edition (for commercial customers), and FED Unlimited Edition (for federal / government customers). For more information, see Changes to Software Licensing later in this document.

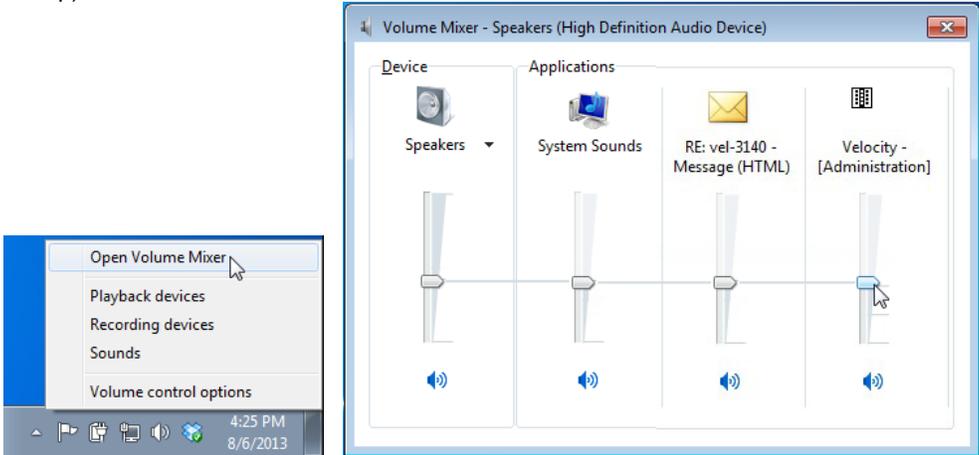
Bug Fixes

Reference ID	Bug	Description
VEL-3210	Delay between an alarm being triggered and its video clip icon appearing in the Alarm Viewer	In some situations (such as the DVR's time being out of synch with the Velocity Server's time), there could be a noticeable delay before the video clip icon appeared in the Alarm Viewer. (This issue was fixed by using the AlarmActive ID instead of the alarm's timestamp.) NOTE: The video recording triggered by an alarm must finish before its video clip icon can appear in the Alarm Viewer.
VEL-3231	Duplication of points/icons in the Directory pane when you expand Canvas/Plotted mode or Plotted/Canvas mode in Graphics	Because plotting a VIO immediately added it to the database, it was possible to have orphaned VIOs in the database if you did not save the canvas before closing Graphics. This issue has been fixed. NOTE: Previously, you could only save a canvas while in Design mode. Now you can also save a canvas while in Live mode.
VEL-3232	Administrator window refreshes every time a change is made to a DVR's Properties	Velocity's Administrator window was being refreshed (and any expanded folders were collapsed) every time a change was made to a DVR's properties. This refresh was happening on every Client connected to that Velocity Server. This issue has been fixed.

Reference ID	Bug	Description
VEL-3238	After switching between operators, the Administrator window's Components pane was blank for the new Hirsch Video Integration item	After switching between operators, the Administrator window's Components pane was blank when the new Hirsch Video Integration item was selected. This issue has been fixed.
VEL-3283	PIV credentials failed to import	When attempting to import data for a set of users where everyone had both a proximity card credential and a PIV smartcard credential, only the proximity card credentials were imported. This issue has been fixed.
VEL-3284	"Maximum number of licensed clients" message occurred unexpectedly	Occasionally, the "Maximum number of licensed clients" message was being displayed when the client limit had not been exceeded. This no longer occurs, because the two new editions of Velocity both provide an unlimited number of Clients. For more information, see Changes to Software Licensing later in this document.

Known Issues

Reference ID	Name	Description
VEL-2690	Pelco DVR integration does not work on Windows Vista or Windows 7	Velocity crashes (with an "ActiveX component can't create object" error message) when connecting to the PELCO DX8100 DVR's cameras, using a Velocity Client on Windows Vista or Windows 7. (The integration works as expected when using a Velocity Client on Windows XP Professional.) This issue is caused by Pelco not supporting Windows Vista or Windows 7. There is no workaround.
	DVR/NVR video cannot be viewed on Windows Server 2008	When trying to view DVR video from a Velocity Server running on Windows Server 2008, Velocity crashes. The workaround is to view the video from a Velocity Client (instead of the Velocity Server). In general, the Velocity server should not be used to perform client type functions.
VEL-3027	Pelco DVR not functional on 3.5 SP1	On the Velocity 3.5 SP1 release, you cannot connect to a Pelco DVR.

Reference ID	Name	Description
VEL-3140	Custom alarms do not play on some machines	<p>On some computers running Windows Vista or later, custom alarm sounds are not heard (either in the Customization Manager or in the Alarm Viewer). Although the exact cause of this issue is unknown, the reason that the sounds are not heard is because the Velocity application's volume is set to 0% (mute) in the Windows Volume Mixer.</p> <p>The workaround is to open the Windows Volume Mixer (by right-clicking on the speaker icon in the system tray and choosing the Open Volume Mixer command from the pop-up menu), and increase the volume for the Velocity – [Administration] application (by dragging its slider bar up).</p> 
VEL-3177	Unable to add a user in VWC when UDF fields are configured for UUID in Velocity	<p>If any of the User-Defined Fields have the Type of UUID (for the 128-bit Universally Unique ID number which appears on PIV-I cards), when you try to add a user in the Velocity Web Console the operation fails with the following error message:</p> <p style="padding-left: 40px;">AddUser failed with error: GetNewPerson exception: Unknown User Defined Field Type</p> <p>There is no workaround for this issue. (You can still add a user to the Velocity database through Enrollment Manager when a UDF has the Type of UUID; you just cannot add a user to the Velocity Web Console's EMF database.)</p>
MII-26	First digit of the PIN is truncated by the MATCH2 when using 200-bit formats	<p>With the MATCH2 firmware versions 130127 or 120411, when you present a 200-bit PIV card to a reader with a keypad (such as an HID RPK40 reader) and then enter a PIN code, the first digit of the PIN is truncated by the MATCH2 board. For example, the PIN of "56789" becomes "6789".</p> <p>This issue only occurs for ID Formats 3 through 7, and for the 200-bit FASCN format of a PIV card, which is supported by the MATCH2 Customs 27, 28, and 29.</p> <p>One possible workaround for this issue is to enter an asterisk (or any other extra digit) before your normal PIN code, so the truncated result provides the correct value. This issue has been fixed in the MATCH2 firmware version 131105.</p>

Changes to Software Licensing

Licensing of Velocity software was introduced in the 3.5 release. In response to customer feedback, the licensing scheme has been simplified from four editions to two editions, and the pricing model has been changed so that the price of the Velocity software is now included in the system purchase. Starting with this 3.5 SP1.1 release, the process of installing and managing Velocity has been further simplified by eliminating the need to obtain a license key for the **Unlimited Edition** of Velocity.

New Simplified and Unlimited Licensing Scheme

Velocity will now be offered in two editions: **Unlimited Edition** (for commercial customers), and **FED Unlimited Edition** (for federal / government customers). The following table shows the features of these editions.

Feature	Unlimited Edition	FED Unlimited Edition
Expiration	Never	Never
Number of Doors	Unlimited	Unlimited
Number of Clients	Unlimited	Unlimited
DVR Interface	Yes	Yes
CCTV Interface	Yes	Yes
CSRI Interface	Yes	Yes
Badging	Yes	Yes
Graphics	Yes	Yes
Email Writer	Yes	Yes
Serial Writer	Yes	Yes
Message Queue Writer	No	Yes
Velocity Certificate Service	Not applicable	Available separately

Mapping of the Previous Licensing Options to the New Licensing Options

The following table shows the mapping of the original 3.5 licensing options to the two new editions of Velocity, which occurs when this Velocity 3.5 SP 1.1 release is applied to an existing installation of Velocity 3.5.

Previous Licensing Option maps to:
Velocity Workstation License Velocity Workstation (WS8) Expandable Velocity Corporate License Velocity Corporate (CORP32) Expandable Velocity Enterprise Level 1 Velocity Enterprise Level 2 Velocity Enterprise Level 3 Velocity Demo License	Velocity Unlimited Edition
Velocity Federal License	Velocity FED Unlimited Edition