

Velocity v3.8.4.774 Release Notes

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Overview

The Velocity 3.8.4.774 release includes enhancements and fixes to increase reliability and usability and the following features:

KEY FEATURES IN THIS RELEASE:

Networked Global IO (NGIO): Until 3.8.4 Global IO was limited to controllers on the same RS-485 communication channel. Networked Global IO expands the concept to work over a set of controllers that are logically grouped together by SNIB3s. Controllers participating in Global IO include controllers with networked SNIB3s as well as any downstream RS-485 connected controllers.

FICAM Wireless Lock Controllers: 3.8.4 now supports FICAM AD402 wireless locks.

Badge Designer Auto Fit Text Box Size: Name fields dynamically change font size to the maximum size for the amount of characters in the fixed bounding box length for font.

IMPORTANT INSTALLATION NOTES:

Before updating to Velocity 3.8.4 from a pre-Velocity 3.7 release, you must register your Velocity software and obtain the necessary license(s). See the Velocity Licensing topic for details.

Existing Velocity users moving from 3.6, 3.7 or 3.8 to 3.8.4 use the Velocity Update Wizard. This wizard simplifies the effort required to update your system and uses smaller installation files than the Upgrade Wizards provided for previous versions of Velocity.

New installations of Velocity 3.8.4 require Microsoft SQL Server 2016 or later. Velocity 3.8.4 provides you with the option to install the free Express edition of SQL Server 2019. If this Express edition is not adequate for your needs, then you must install a licensed edition of a supported version (2016, 2017, or 2019) of SQL Server, before doing a new Server installation of Velocity 3.8.4.

If you already have SQL Server 2016, 2017, or 2019 installed on your server, the Velocity 3.8.4 Installer detects and uses your full edition of SQL Server for the Velocity database.

For End-Users that currently have Velocity Integrations developed by Identiv Global Services (IGS), please contact your Regional Sales Manager for assistance when updating to Velocity 3.8.4.

System Requirements

Before installing Velocity, make sure your server, workstation, and/or client computer meets the following requirements.

Hardware Requirements

In summary, the hardware requirements for a computer performing the role of a Velocity 3.8.4 Server, Client, or Workstation are the same as for the Velocity 3.8.3 release. Here are the detailed hardware requirements for each role.

For Velocity Server:

- x64 3.10 GHz CPU (or equivalent)
- 16GB RAM
- RAID 1 Configuration Recommended
- RAID 5 Configuration NOT Recommended (Due to degraded SQL write performance)
- 300GB 15K RPM HDD (SSD preferred)
- 1 Ethernet port

For Velocity Workstation and Client:

- x64 3.10 GHz CPU (or equivalent)
- 8GB RAM
- 250GB 7.2K RPM HDD (or equivalent)
- Mouse
- Keyboard
- 20-inch LCD monitor
- 2GB video card
- Speakers
- 1 Ethernet Port

HINT: More RAM, a faster processor, and a faster video card with more video RAM are recommended and will improve performance for most applications; it will also help ensure long term compatibility with system expansion and upgrades to Velocity, the Windows operating system, and the SQL Server database.

Operating System Requirements

The following table shows which versions of Windows are supported by Velocity 3.8.4 for the different computer roles.

System Role	Versions of Windows supported
Velocity Server	<ul style="list-style-type: none">• Windows Server 2019• Windows Server 2016
Velocity Workstation or Client	<ul style="list-style-type: none">• Windows Server 2019• Windows Server 2016• Windows 10 Pro

Note: Operating System versions which Microsoft no longer officially supports are not recommended for use with Velocity.

For more information please visit:

<https://support.microsoft.com/en-us/help/13853/windows-lifecycle-fact-sheet>

Database Requirements

Your organization's IT department's policies might determine whether you can manage your own SQL Server database for Velocity or must run the Velocity database on an existing SQL Server managed by IT.

New installations of Velocity 3.8.4 require SQL Server 2016 or later. Velocity 3.8.4 provides you with the option to install the free Express edition of Microsoft SQL Server 2019.

If you are updating or upgrading an existing installation of Velocity to the 3.8.4 release, certain older versions of SQL Server may work for the update but are not officially supported. If you already have SQL Server 2008 R2 SP3, 2012 SP3, 2014, 2016, or 2017 installed on your server, the Velocity 3.8.4 Installer detects and uses your full edition of SQL Server for the Velocity database.

Firmware Requirements

Software

Product	End of Sale	End of Service	Firmware Version
Velocity 3.8.4	N/A	N/A	CCM/CCMx 8.2.01.28 SNIB2 6.52 SNIB3 4.00.0088
Velocity 3.8.3	N/A	N/A	CCM/CCMx 8.1.00.02 SNIB2 6.52 SNIB3 3.02.1006
Velocity 3.8.2	N/A	N/A	CCM/CCMx 8.0.01.046 SNIB2 6.52 SNIB3 3.01.1026
Velocity 3.8.1	N/A	N/A	CCM/CCMx 8.0.00.059 SNIB2 6.52 SNIB3 3.00.1197
Velocity 3.8.0	N/A	N/A	CCM/CCMx 7.6.46 SNIB2 6.52 SNIB3 2.07.1047
Velocity 3.7	April 2020	N/A	CCM/CCMx 7.6.43 SNIB2: 6.52 SNIB3: 2.05.1030
Velocity 3.6	July 2018	October 2020	CCM/CCMx 7.6.1.13 SNIB2: 6.52 SNIB3: 2.2.26

Hardware/Firmware

Product	End of Sale	End of Service	Firmware Version
SNIB3, RREB	N/A	N/A	Current SNIB3 Version: 4.00.0088
Mx-1/2/4/8	N/A	N/A	Current CCM Version: 8.2.01.28

SNIB2	N/A	N/A	Current SNIB2 Version: 6.52
AEB8, REB8, MEB	N/A	N/A	N/A
M1, M16, M64	N/A	N/A	Current CCM Version: 8.2.01.28
M2, M8, MSP-8R	December 2017	December 2019	Current CCM Version: 8.2.01.28
XBOX, SNIB	December 2018	December 2020	N/A
DL1, SCIB	April 2014	June 2016	N/A

Compatible Versions of Integrations or optional components

The following table shows the compatible version of integrations or optional components for Velocity 3.8.4

Component:	Compatible build for Velocity 3.8.4
Velocity Web Services Client (VWSC)	3.8.4.421 (included)
Hirsch Video Integration framework: <ul style="list-style-type: none"> ● Plug-in for 3VR ● Plug-in for Bosch VMS ● Plug-in for unified American Dynamics ● Plug-in for Cisco VSOM 	1.3.9.119 1.3.9.102 1.1.9.322 1.1.9.159
Velocity Certificate Checking Service (VCCS)	3.8.4.41
Edge EVO Controller Integration	1.0.4.356

Cisco Unified Call Manager (CUCM) Integration	3.6.11.79
Velocity IDS Framework: <ul style="list-style-type: none"> • Bosch IDS plugin • DMP IDS plugin 	1.0.3.198 1.0.3.71

The following table shows the compatible builds of the software components in Identiv FICAM Solution, corresponding with Velocity's most recent releases.

FICAM Software Component:	Compatible build for Velocity 3.8.3
CCM firmware	8.1.00.02
<ul style="list-style-type: none"> • SNIB3 firmware • OS component • Driver component 	03.02.1006 01.04.0002 01.05.0002
uTrust TS Government reader firmware	2.4.647
Velocity	3.8.3.3284
Velocity Web Services Client	3.8.3.1360
Velocity Certificate Checking Service (VCCS)	3.8.3.370
Veridt Reader Firmware	7.20.18

Note: For more information about Identiv's FICAM Solution, see the FICAM Solution section of topics in the Velocity main help system. Information about the hardware components of Identiv's FICAM Solution is also available in Velocity Help.

New Features and Enhancements

This section summarizes the new features and enhancements introduced in the Velocity 3.8.4 release. (More detailed information about each feature is provided in the product documentation such as Velocity's online help system or the DIGI*TRAC Systems Design and Installation Guide).

Reference ID	Summary
PAC-1568	Support deprecation of FRTC test cases 2.04.05 and 5.04.05 by not requiring SKID to consist of SHA-1 of public key
PAC-3328	Added support for CPNI requirement to generate an alarm if a hardware change is detected
PAC-3733	Added support for server and Workstation silent (unattended) install method
PAC-3784	Added support for a circle shape for photos in Badge templates
PAC-3833	Added support for automatically disabling and conditionally unassigning a Credential by Door Group
PAC-4056	Added support to display 23-digit invalid cards in Event Viewer
PAC-4085	Added display of SNIB3 encryption switch position and extra confirmation step before firmware download
PAC-4102	Added support for Networked Global IO (NGIO)
PAC-4106	Added support in Diagnostic Window to retrieve SNIB3 log files
PAC-4111	Added new Networked Global IO report
PAC-4120	Added Networked Global IO support to Who's Inside module
PAC-4121	Added secondary filter for point names to make it easier to build Status Groups when there are thousands of points
PAC-4130	Added new Shared Zones functionality in Who's Inside module to augment new Networked Global IO feature
PAC-4140	Moved the location for Velocity core working files and log files from Program Files (x86) Folder to ProgramData Folder
PAC-4146	Added support for FICAM AD402 wireless locks
PAC-4163	Added support for client (unattended) install method
PAC-4189	Add new Networked Global IO component to Role permissions
PAC-4239	Add switch to Velocity Installer and Updater to not use ProgramData folder

PAC-4274	Added new Shared Zone Report in support of new Networked Global IO feature
PAC-4292	Added support in Badge Designer for Auto-Size text based on selected font
PAC-4314	Added new Additional Notes tab to Enrollment Manager
PAC-4359	Added display of SNIB3 MAC Address to Diagnostic Window in response to Date, Time, Version Number Diagnostic Command (88*1)
PAC-4509	Added Support for Networked Global IO in Status Viewer
PAC-4514	Added new report that shows all controllers participating in legacy Global IO or the new Network Global IO
PAC-4595	Add daily reporting of bus communication issues from SNIB3 to help diagnose potential electromagnetic related installation issues
PAC-4615	Allow downloading of an online SNIB3's log files even when controller is offline/disabled

Velocity Improvements and Bug Fixes

Reference ID	Summary
PAC-25	Fixed issue where Operator and Workstation lockdowns did not generate an operator audit event
PAC-2667	Fixed user deleted event 8070 to not show incorrect IDF
PAC-3007	Fixed issue where opening Holidays, Command Sets, Function Groups or Person Templates would take you to the top of the list when the component was closed and refresh remote clients view taking them to the top of the list
PAC-3465	Fixed installation issue where after continuing from a computer reboot the confirmation field for the previously entered ApprRole passwords was not remembered
PAC-3659	Enhanced the Velocity Certificate Checking Service (VCCS) logging functionality. Now various levels of logging can be configured via nlog.config
PAC-3798	Fixed issue that caused an error to be displayed opening Enrollment Manager
PAC-3838	Fixed issue installing Velocity on existing SQL servers that had custom data

	and log paths
PAC-3894	Fixed issue in Enrollment Manager where it was possible to edit the Match Code when the data field was mapped to UDFs
PAC-3899	Improved download speed for consecutive holidays
PAC-3903	Fixed issue where events were not displayed when scheduled import or exports executed
PAC-3926	Fixed issue where operator name was not included in operator audit event when a credential was force downloaded
PAC-3950	<p>Removed distribution of Microsoft Visual C++ (MVC++) 2008 and 2010 to latest redistributables.</p> <p>Note: legacy ScanShell scanners require MVC++ 2010. Therefore if ScanShell scanner support is required for a new Velocity installation then you may download MVC++ 2010 from the Microsoft website. Note: any higher versions of MVC++ Redistributables need to be uninstalled before 2010 can be installed.</p>
PAC-3965	Fixed issue where Enrollment Manager UDF Name Parsing could not be disabled
PAC-3982	Improved credential download performance
PAC-4014	Fixed issue where customization for event 4000 could not be saved in Customization Manager
PAC-4017	Fixed issue where events 3890 to 4000 could not be customized at the point level in Customization Manager
PAC-4044	Fixed issue where Holiday related audit events did not include the name of the operator
PAC-4045	Fixed innocuous error message in log file when downloading a controller configuration when a Grand Master Timezone is in effect
PAC-4060	Fixed issue that prevented DigiTrac Service from shutting down properly in rare circumstances
PAC-4073	Fixed issue with nlog.dll was not properly updated when updating Velocity Certificate Checking Service (VCCS) which prevented the VCCS service from starting
PAC-4074	Fixed issue where a new VLAS license could not be added due to a BIOS update.
PAC-4089	Fixed issue in PIV card processing that could cause an error in certain PIV card types

PAC-4109	Fixed badge printing issue caused by Microsoft updates KB5000802 and KB5000808 that caused the badge's picture to printed as a black rectangle
PAC-4122	Improved readability of Who's Inside columns by using a fixed width font
PAV-4129	Improved Velocity Updater by allowing customer to choose whether to attempt to fix or skip a file registration error, on some optional legacy components, due to missing or corrupt dependent files
PAC-4133	Improved Badge printing quality
PAC-4155	Improved controller reconnection processing as a result of a system wide network failure (e.g., network switch outage)
PAC-4186	Improved client authentication processing to support cases where DNS reverse lookup is not enabled.
PAC-4195	Fixed issue where a credential could be erroneously re-enabled and downloaded to the controller when the linked Credential Template was modified. Now, the only way a disabled credential will be re-enabled by a linked credential template is if you set the expiration date of the linked template to a future date.
PAC-4217	Fixed issue where Velocity Certificate Checking Service (VCCS) would not install properly on a stand-alone workstation configuration preventing the service from starting.
PAC-4228	Fixed issue in Enrollment Manager where the auto-selected Card Validation Profile for one card did not auto-select when a second PIV card with a different Agency Code was scanned
PAC-4254	Fixed issue that prevented SQL Writer Service from being installed when using custom Windows Group names
PAC-4262	Fixed an issue that caused "Your license does not support this feature" error after a database migration to a new server where the server name was mixed case
PAC-4273	Fixed issue that prevented DigiTrac Service from shutting down properly when there were enabled ports that were not fully online
PAC-4277	Improved user interface for deleting Credential Templates by adding a confirmation if there are credentials linked to the template
PAC-4279	Fixed a wireless lock issue caused by switching controller model types from MX-1-W to another model type and back again which resulted in wireless Door 2 not unlocking even though an access grant was seen in Event Viewer. If a Mx-1-W is already in this state in Velocity 3.8.4, downloading controller configuration will correct the problem.

PAC-4288	Add Role permission for existing Credential Template IsLinked option
PAC-4290	Fixed installation issue when using SQL SErver default instance
PAC-4294	Automatically apply fix for PAC-4109 which fixes print issue caused by Microsoft Windows 10 Update
PAC-4295	Added operator audit event when Enrollment Preferences are changed
PAC-4296	Added operator audit event when Velocity Preferences are changed
PAC-4297	Added operator audit event when Web Security settings are changed
PAC-4300	Fixed issue using the Data field to generate a Match code was not honoring the Velocity Preferences Re-use Deleted Codes option resulting in "Card code conflicts with previously used code" error
PAC-4301	Fixed issue where a failed download would not show up in the BatchViewer utility if Velocity was installed on a drive other than the C Drive.
PAC-4311	Fixed issue where renaming a Who's Inside Zone Group was not validating the name properly
PAC-4316	Fixed Installation issue that erroneously allowed installation to continue if you chose to continue after being informed that the installer could not connect to the remote SQL server.
PAC-4322	Removed Velocity installation and update support for Microsoft SQL Server
PAC-4326	FICAM Validation Profiles created by an operator are now accessible to that operator without an Administrator first assigning Role permission for the new profile
PAC-4354	Fixed installation issue where keyboard paste (Ctrl-v) did not work for SQL Server Application Role
PAC-4375	Fixed DigiTrac Service and Security Domain Service processing to better handle network failure communication errors that could result in the DigiTrac service appearing to be offline (but not reporting offline)
PAC-4377	Fixed an issue parsing the Security Object container in PIV cards for certain newer PIV cards that failed FRTC 1.4.2 rev B tests 2.17.02 and 2.17.05

PAC-4388	<p>Fixed an issue printing badges from the VWSC resulted in multiple pages per badge.</p> <p>Note: you may experience an issue if your computer is low on system resources and using a much larger than normal page sizes for badge templates</p>
PAC-4402	Fixed issue where sometimes an erroneous Digi*Trac Server not responding alarm
PAC-4407	Fixed issue where renaming Expansion Inputs and Relays would not generate an operator audit event
PAC-4410	Fixed issue with SystemReport tool that was not copying .gz spooler files
PAC-4417	Fixed an issue where FICAM reports could timeout if there was a large amount of archived FICAM data.
PAC-4426	Fixed issue where under some circumstances a download would remain queued indefinitely if the controller was offline when the download was processed by the service
PAC-4429	Fixed an issue that prevent the “Readers with Details” report from generating correctly when using criteria for “Disable CCOTZ above this level” or “Disable reader above this level”
PAC-4436	Fixed issue where TimeZone report with criteria would cause an error preventing report from running
PAC-4439	Improved Who’s Inside’s Globalized Zone Group display to sort by name
PAC-4441	Fixed scrolling issue in Who’s Inside Custom Group Properties window
PAC-4446	Improved performance of Who’s Inside Globalized Zone Forgive all users in Zone to forgive only users in controllers with users in that zone group. Previously commands were sent to all controllers.
PAC-4454	Fixed issue where Who’s Inside would display empty brackets “()” when there were no persons inside a zone
PAC-4456	Improved performance of VWSC photo callup response
PAC-4461	<p>Fixed issue where an older version of Velocity would run with a newer version database that had been restored which resulted in subsequent errors.</p> <p>Velocity now checks all three segments of version number to prevent an</p>

	older version of Velocity from running with a newer versioned database that has been restored.
PAC-4462	Improved Email WriterTest Email feature to trim white space to tolerate leading or trailing spaces inadvertently typed in the email configuration.
PAC-4470	Fixed issue where scheduled tasks would fail to run after a database disconnect.
PAC-4473	Fixed issue where disabling a port in the middle of a download canceled the download
PAC-4478	Improved DigiTrac Service logging by adding support for VelocityDebug.ini settings to control number of days log files should be kept and to specify the size of log files before they are automatically rotated. PEDebug and HCSDebug log levels now default to 3.
PAC-4507	Improve Download performance of Reader Control Groups
PAC-4548	Fixed issue that, under some conditions, prevented port from being disabled if a download was in progress
PAC-4571	Fixed issue where PIN fields were not disabled in a credential template when the Hide PIN option was in effect
PAC-4573	Improved ability of Server extensions (Scheduler, Email Writer, RS232 Writer and MSMQ Writer) to recover from loss of database connectivity
PAC-4576	Fixed an issue where downloads would not restart if there was a network disconnect when the download first started
PAC-4633	Improve DigiTrac Service error recovery when database connectivity is lost temporarily.
PAC-4649	Improved DNS lookup functionality that will allow client connections that would have previously failed due to DNS lookup errors in v3.8.3.
PAC-4661	Fixed a Security Domain Service issue where certain network error conditions could be incorrectly interpreted as a loss of database connectivity which resulted in the DigiTrac Service shutting down communications to controllers. Along with improvements made in PAC-4633 the Velocity services are more robust under adverse network conditions.
PAC-4675	Improved service download processing to automatically detect and cancel downloads that have stalled for any reason. If a download is automatically canceled the usual download failed alarm will be generated.

PAC-4694	Fixed issue in Security Domain Service when there are multiple network adapters installed on computer that could result in denying a valid remote client connection
PAC-4698	Fixed an issue where a port going offline would fail to come back online when MAX Retry count was set to zero (i.e., retry indefinitely)
PAC-4702	Fixed an issue where Operator lock down or disabling a workstation was not working
PAC-4724	Improved DigiTrac Service error processing to not shutdown on handled exceptions that had previously caused the service to shutdown
PAC-4728	Updated VCCS to use .NET 4.8
PAC-4753	Fixed an error that occurred, under some conditions, when a access grant transaction was received while the Who's Inside Window was open
PAC-4754	Fixed an issue that, in certain circumstances, prevented a firmware download timeout error to be reported
PAC-4778	Added new FICAM Card Validation Facial Image Expiry Check option
PAC-4808	Fixed issue parsing PIV Auth certificate in some newer PIV cards
PAC-4820	Improved logging of GenerateVelocityTLSCertificateTool.exe tool
PAC-4825	Fixed an issue where a credential download, when Credential database is located in SNIB3, could fail if a SNIB3 firmware download was done immediately prior
PAC-4826	Fixed issue where the Velocity client would not load correctly when running under a demo license and the Alarm Viewer > Properties > General > Restore Alarm Viewer on New Alarm option is checked and there were active alarms coming into the system at the time the client was started

Known Issues

Reference ID	Summary
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<p>PAC-2618</p>	<p>Dial-up does not download credentials.</p> <p>Once connected manual lock/unlock does function but credentials do not download.</p> <p>The Event Viewer shows download of credentials has been initiated but the download does not get posted to the download monitor. The modem stays connected.</p> <p>Dial-up features will be deprecated in a future release.</p> <p>Note: If your Velocity system currently uses dial-up, DO NOT UPGRADE. Contact Tech support for further direction.</p>
<p>PAC-3223</p>	<p>Issue: "Velocity Security Domain version mismatch" error displays during Client auto upgrade from 3.7 SP3 to 3.8.3.</p> <p>Work-around: When updating from 3.6 or 3.7 to 3.8.03.8.1/3.8.3 you must manually run the update program on each client.</p>
<p>PAC-3422</p>	<p>Note about Download Monitor behavior when Credential Database is located on downstream SNIB3 controllers:</p> <p>Credential downloads to SNIB3 are a two-step process:</p> <ol style="list-style-type: none"> 1) Transfer all credential data as a single file 2) SNIB3 processes each credential record <p>Therefore when downloading a large number of credentials to a downstream SNIB3 the batch in the Velocity Download Monitor will remain in the "Active" state (with zero commands processed) while data is being transferred to the downstream SNIB3. For large downloads this may take several minutes.</p> <p>Once the data transfer is complete the batch status will update for every 100 records processed by the downstream SNIB3.</p>
<p>PAC-3567</p>	<p>Updating SNIB3 firmware from 02.06.1045 fails in XNET 3 / TLS mode and may also cause the DigiTrac Service to go offline.</p> <p>The workaround to update SNIB3 2.6.1045 to a higher version when currently connected in TLS mode (XNET 3) is to change communication to XNET 2 (AES) and then update the SNIB3 firmware. Once updated, the port can be switched back to XNET 3.</p> <p>To revert a SNIB3 currently communicating in XNET 3 (TLS) do the following:</p> <ol style="list-style-type: none"> 1. Disable the Port in Velocity 2. Change the Velocity Port to XNET 2 and check Reset Encryption option

	<ol style="list-style-type: none">3. Enable (turn ON) the Reset Encryption DIP Switch on the SNIB34. Cycle power to the controller5. Enable the Port once the SNIB3 connects6. Perform SNIB3 firmware update <p>After the firmware update completes you may switch the Velocity Port back to XNET 3 / TLS if desired.</p>
PAC-4861	<p>Bosch IDS panel will not come online if Bosch panel date is set to years in the past.</p> <p>The symptom of this issue is in the Velocity event viewer you will see sequences like the following:</p> <pre>2/25/2022 6:50:57 PMIDS Connection to Panel Bosch failed: DataOutOfRange IDS.001.01 10694</pre> <p>Turning on Debug level logging (via integrations\IDS\nlog.config) shows more detail on the error as shown below:</p> <pre>2022-03-01 11:35:21 DEBUG 14 BoschPanel.<subscribeForMessageBusEvents >b__152_3 SessionConnectFailedEvent: Exception: Bosch.Security.Sdk.Interfaces.ConnectionFailedException: The profile is not valid at this time: Valid date range is 2021-11-21 - 2052-03-01. Panel time is 2020-11-03 02:40:00.</pre>

<p>PAC-4877</p>	<p>Uninstalling the Video Framework removes two shared files (Nlog.dll and Nlog.config) that are critical for some Velocity Services and components.</p> <p>This issue will be fixed in the next release of the Video Framework.</p> <p>If you must install the Video framework you can avoid this issue by the following workaround:</p> <p>Edit the uninstall logs to remove the following instructions before uninstalling the framework. These uninstall logs can be found in the Velocity folder:</p> <p>Velocity IDS Framework_Uninstall.log FrameWork_Uninstall.log</p> <p>Remove any lines where nlog is referenced in the Velocity root folder: (Note that if these files are located in another folder, that is ok and need not to be removed):</p> <p>File 4 C:\Program Files (x86)\Identiv\Velocity\NLog.dll File 4 C:\Program Files (x86)\Identiv\Velocity\NLog.config</p> <p>If you have already uninstalled Video or IDS frameworks and are experiencing this issue you may recover the nlog.dll by one of the following methods:</p> <p>Reinstalling the Video Framework will resolve the problem. However any custom settings in nlog.config will be lost.</p> <p>Applying the same version Velocity update will also resolve the problem. However any custom settings in nlog.config will be lost.</p> <p>Copying nlog.dll and nlog.config from a working Velocity system and copying it to the Velocity installation folder. However any custom settings in nlog.config will be lost.</p>
<p>PAC-4985</p>	<p>When printing double sided badges through the web client the system prints 4 pages instead of 2.</p> <p>This issue will be fixed in the next version. If you need an immediate fix, contact support for the latest patch update for both Velocity and the Web Client.</p>

Deprecated Features

The following features will not be supported in future versions of Velocity.

Feature / Function	Release Deprecated	Removed From Release
Dial-Up support for controllers	3.8.3	Intended 3.8.5 (future release)
Legacy DVR	3.8.3	Intended 3.8.5 (future release)
Legacy Bosch Central Station Receiver	3.8.3	Intended 3.8.5 (future release)
Edge Evo integration	3.8.4	Intended 3.8.5 (future release)
New Controller Load setups from controller	3.8.4	Intended 3.8.5 (future release)
VSCM Settings Advanced Synchronize Velocity database with controllers	3.8.4	Intended 3.8.5 (future release)
Credentials Biometric Tab	3.8.4	Intended 3.8.5 (future release)