
**Avocent® MergePoint Unity™ KVM Over IP and
Serial Console Switch for Dell
Firmware Release Notes
Version 1.34.0
January 20, 2017**

This document outlines:

1. Update Instructions
2. Appliance Information
3. Enhancements
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1. Update Instructions

For detailed instructions on updating your switch, please refer to your user documentation.

2. Appliance Information

The following appliances are supported with this update:

Switch	Firmware
DMPU108E	FL0651-AVODELL-1.34.0.24784.fl
DMPU2016	
DMPU4032	

NOTE: For CentOS targets, use a single or dual mouse cursor with AMS disabled.

3. Enhancements

- Customizable login banner in the On-Board Web Interface (OBWI)
 - Firefox browser Version 48 support
 - DES and 3DES ciphers removed from Port 443 [On-Board Web Interface (OBWI)]
 - Added “Try DSView” button in OBWI and local port user interface
 - Improved product security
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4. Fixes

- L3 #487234-405108972: KVM viewer does not pass '> <' key (German keyboard)
 - L3 #487234-612094764: TLS 1.0 protocol enabled on Port 443 (OBWI)
 - Remote OBWI does not start KVM session in PS2 cascade appliance configuration
 - "Forgot password?" link on the local port OBWI login page appears too briefly after the user has entered invalid credentials
 - Untranslated string "Local Port Virtual Media Session Settings" on the OBWI - Local Port UI page
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5. Notes

- OBWI: The encryption level for the keyboard/mouse must be set to AES. The encryption level for video and virtual media must be set to AES or None. The next firmware release will remove DES and 3DES from the encryption menu options as those ciphers are no longer supported.
 - Firmware version 1.32 or higher is required to support the JAVA 8-based Avocent® DSView™ management software, version 4.5. SP5 (Service Pack 5) or higher, and Avocent® MergePoint Unity™ for Dell switch plug-in, version 1.32.
 - Compatible with JAVA 7-based DSView™ software from version 4.5.0.108 to 4.5.0.247.
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6. Client/Browser Information

NOTE: Microsoft® Internet Explorer® versions 8 and 9 are no longer supported as client browsers.

The following chart indicates the latest version tested.

Software	Version
Java	Version 8 Update 101
Internet Explorer	11
Firefox	49.02
Firefox ESR	45.5.1
Chrome	55.0.2883.75

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7. Flash Update Failure Recovery

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If the switch does not boot into the new firmware version after a Flash procedure, it is possible to revert to the previous firmware version.

To revert to the previous version of firmware:

1. Connect a serial cable to the Setup port on the rear panel of the switch.
2. Run a terminal program on the PC connected to the Setup port. The serial port settings should be: 9600 baud, 8 data bits, 1 stop bit, no parity, and no flow control.
3. Turn on the switch.
4. In the terminal program, press any key when the *Hit any key to stop autoboot* prompt appears.
5. A menu displays on the terminal program. Press **1**, then **Enter** to select Boot Alternate.
6. The switch will reboot automatically to the previous firmware version.