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

This document outlines:

1. Update Instructions
2. Appliance Support Information
3. Enhancements
4. Fixes
5. Notes
6. Client / Browser Information
7. Flash Update Failure Recovery

1. Update Instructions

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

WARNING: After upgrading to version 1.18.0.x, the Avocent® MergePoint Unity™ switch cannot be downgraded to a firmware version earlier than 1.18.0.x. For more information, contact Technical Support.

- Attaching the MPUIQ-VMC or DSRIQ-VMC module to a Windows target may require the USB CCID driver to be installed. If you are prompted by the Windows New Hardware Wizard, select the *Next* button.
- For Avocent® Power Management 2003, 2006, 2024, 3003, 3006 and 3024 Power Distribution Units (PM PDUs), version 1.10 firmware or higher is required to manage the PDU from the Avocent® MergePoint Unity™ switch.

2. Appliance Support Information

The following appliances are supported with this release.

MergePoint Unity™ Switch	Firmware
MPU104E	FL0620-AVO-1.34.0.24784.fl
MPU108E	
MPU108EDAC	
MPU1016	
MPU1016DAC	
MPU2016	
MPU2016DAC	
MPU2032	

MergePoint Unity™ Switch	Firmware
MPU2032DAC	FL0620-AVO-1.34.0.24784.fl
MPU4032	
MPU4032DAC	
MPU8032	
MPU8032DAC	

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
- OBWI session sharing (12 sessions max)
- DES and 3DES ciphers removed from Port 443 (OBWI)
- Improved product security

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

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™ switch plug-in, version 1.32.
- Compatible with JAVA 7-based DSView™ software from version 4.5.0.108 to 4.5.0.247.

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

7. Flash Update Failure Recovery

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

WARNING: After upgrading to version 1.18.0.x, the Avocent® MergePoint Unity™ switch cannot be downgraded to a firmware version earlier than 1.18.0.x. For more information, contact Technical Support.

To revert to the previous firmware version:

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

Avocent, the Avocent logo, DSView and MergePoint Unity are trademarks or service marks of Avocent Corporation. All other marks are the intellectual property of their respective owners. This document may contain confidential and/or proprietary information of Avocent Corporation, and its receipt or possession does not convey any right to reproduce, disclose its contents, or to manufacture or sell anything that it may describe. Reproduction, disclosure, or use without specific authorization from Avocent Corporation is strictly prohibited. ©2017 Avocent Corporation. All rights reserved.