

VERTIV™

Avocent® MergePoint Unity™ KVM over IP and Serial Console Switch

Firmware Release Notes

VERSION 2.0.1, AUGUST 28, 2017

Release Notes Section Outline

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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-2.0.1.25084.fl
MPU108E	FL0620-AVO-2.0.1.25084.fl
MPU108EDAC	FL0620-AVO-2.0.1.25084.fl
MPU1016	FL0620-AVO-2.0.1.25084.fl
MPU1016DAC	FL0620-AVO-2.0.1.25084.fl
MPU2016	FL0620-AVO-2.0.1.25084.fl

MERGEPOINT UNITY™ SWITCH	FIRMWARE
MPU2016DAC	FL0620-AVO-2.0.1.25084.fl
MPU2032	FL0620-AVO-2.0.1.25084.fl
MPU2032DAC	FL0620-AVO-2.0.1.25084.fl
MPU4032	FL0620-AVO-2.0.1.25084.fl
MPU4032DAC	FL0620-AVO-2.0.1.25084.fl
MPU8032	FL0620-AVO-2.0.1.25084.fl
MPU8032DAC	FL0620-AVO-2.0.1.25084.fl

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

3 Enhancements

- HTML 5 viewer support: On-board Web Interface (OBWI)
 - TCP Port Number 4206 must be open
 - Up to three sessions can be launched from any single client with the MPU4032
 - Chrome is the recommended browser when using the HTML5 viewer
 - To launch a remote HTML 5 KVM session, click the name of the target in the OBWI and select the *KVM Session HTML 5* button.
- HTML 5 viewer support: Avocent® DSView™ 4.5 software, SP7
 - TCP Port Number 4206 must be open
- DES and 3DES ciphers removed from user interface (keyboard, mouse, video and virtual media)
- Vertiv™ user interface branding
- Improved product security

4 Fixes

- L3 #487234-674084682 - VT100 serial IQ module defaulting to the wrong screen mode/width. The IQ module should default to 80 columns and preserve the screen setting during a reboot.
- L3 #487234-657677531 – OBWI Events page has two duplicate Japanese strings.
- Digital KVM session using mouse wheel will cause the target cursor to separate.
- Local port (Japanese language) incorrect user name/password generates garbled error message.

5 Notes

Firmware version 2.0.1 (or higher) is required to support the JAVA 8-based Avocent® DSView™ management software (version 4.5. SP7 or higher) and the Avocent® MergePoint Unity™ switch plug-in (version 2.0.0).

6 Known Issues

Encryption is not supported for SNMPv3 traps.

7 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 131
Internet Explorer	11
Firefox	53.0
Firefox ESR	52.0 - 32 bit ONLY
Chrome	58

NOTE: Firefox 52 ESR 64-bit (and higher) is not supported due to the Firefox limits of NPAPI support.

8 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.