

# VERTIV™

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

### Firmware Release Notes

**VERSION 2.6.0, OCTOBER 28, 2019**

#### 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-2.6.0.25542.fl
MPU108E	FL0620-AVO-2.6.0.25542.fl
MPU108EDAC	FL0620-AVO-2.6.0.25542.fl
MPU1016	FL0620-AVO-2.6.0.2554.fl
MPU1016DAC	FL0620-AVO-2.6.0.2554.fl
MPU2016	FL0620-AVO-2.6.0.2554.fl

MERGEPOINT UNITY™ SWITCH	FIRMWARE
MPU2016DAC	FL0620-AVO-2.6.0.2554.fl
MPU2032	FL0620-AVO-2.6.0.2554.fl
MPU2032DAC	FL0620-AVO-2.6.0.2554.fl
MPU4032	FL0620-AVO-2.6.0.2554.fl
MPU4032DAC	FL0620-AVO-2.6.0.2554.fl
MPU8032	FL0620-AVO-2.6.0.2554.fl
MPU8032DAC	FL0620-AVO-2.6.0.2554.fl

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

### 3 Enhancements

This release adds the following enhancements:

- Compliance with the California IoT Senate Bill No. 327:
  - “Admin” is the default user and there is no default password. Following initial power up, or after a Factory Reset, the first time the Admin user logs into the On-Board Web Interface (OBWI), the user is required to create and confirm a new password.
  - Following a firmware upgrade, no password change is required for the Admin default user unless the local user database is still in the factory default state. If no local user accounts have ever been added or edited prior to the firmware upgrade, then the user is required to create a password for the Admin default user.
- Added support for local port monitors that only accept 60 Hz video modes
  - OBWI and local port menu option located under *Sessions- KVM- Hardware Presented*
  - Default: Enabled
- Replaced the OBWI Java serial viewer with an HTML5 serial viewer
- Improved product security

### 4 Fixes

Fixed issue with LDAP KVM sessions not working for a KVM user (L3 #CAS-08818-L9L9R5).

### 5 Notes

If the appliance is going to be enrolled in the Avocent® DSView™ management software, firmware version 2.6.0 requires Avocent® MergePoint Unity™ switch plug-in version 2.2.0.

### 6 Known Issues

In order to share HTML5 sessions, sharing with stealth must be enabled.

## 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	1.8.0.201
Internet Explorer	11
Firefox	68.0.1 (64-bit)
Firefox ESR	60.3.0 ESR (64-bit)
Chrome	75.0.3770.142 (Official Build) (64-bit)

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