

MergePoint Unity™ KVM over IP and Serial Console
Switch Firmware Release Notes
Version 1.14.0
July 31, 2012

This document outlines:

- 1 Update Instructions
- 2 Appliance Firmware Version and Language Support Information
- 3 Enhancements
- 4 Fixes
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1 Update Instructions

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Please refer to your user manual for detailed instructions on updating your switch.

- Attaching either the MPUIQ-VMC or DSRIQ-VMC module to a Windows target may require the USB CCID driver to be installed. If the user is prompted by the Windows New Hardware Wizard, the *Next* button should be selected.
- For Avocent® Power Management 2003, 2006, 2024, 3003, 3006 and 3024 Power Distribution Units (PM PDUs), v110 firmware or higher is required to be able to manage the PDU from the MergePoint Unity™ switch.
- Firmware updates to 1.10.0 and higher do not support downgrades to firmware versions earlier than 1.10.0 on switches with unit part number revisions listed in the following table.
 - **NOTE:** You can obtain the 520 unit number by checking the label on the bottom of the unit, or by checking in the local or remote user interface under *Unit View-Appliance-Properties-Identify-Part Number*.

Part Number	Product
520-593-507	MPU1016 16 PORT 1 DIGITAL PATH SAC
520-593-508	MPU2016 16 PORT 2 DIGITAL PATH SAC
520-594-507	MPU1016 16 PORT 1 DIGITAL PATH DAC
520-594-508	MPU2016 16 PORT 2 DIGITAL PATH DAC
520-595-507	MPU2032 32 PORT 2 DIGITAL PATH SAC
520-595-508	MPU4032 32 PORT 4 DIGITAL PATH SAC

Part Number	Product
520-595-509	MPU8032 32 PORT 8 DIGITAL PATH SAC
520-596-507	MPU2032 32 PORT 2 DIGITAL PATH DAC
520-596-508	MPU4032 32 PORT 4 DIGITAL PATH DAC
520-596-509	MPU8032 32 PORT 8 DIGITAL PATH DAC
520-601-502	MPU108 8 PORT 1 DIGITAL PATH SAC
520-602-502	MPU108 8 PORT 1 DIGITAL PATH DAC
520-803-502	MPU104 4 PORT 1 DIGITAL PATH SAC

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2 Appliance Firmware Version and Language Support Information

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The following appliances are supported with this update:

Switch	English
MPU104E	FL0620-AVO-1.14.xx.xxxxx.fl
MPU108E	FL0620-AVO-1.14.xx.xxxxx.fl
MPU108EDAC	FL0620-AVO-1.14.xx.xxxxx.fl
MPU1016	FL0620-AVO-1.14.xx.xxxxx.fl
MPU1016DAC	FL0620-AVO-1.14.xx.xxxxx.fl
MPU2016	FL0620-AVO-1.14.xx.xxxxx.fl
MPU2016DAC	FL0620-AVO-1.14.xx.xxxxx.fl
MPU2032	FL0620-AVO-1.14.xx.xxxxx.fl
MPU2032DAC	FL0620-AVO-1.14.xx.xxxxx.fl
MPU4032	FL0620-AVO-1.14.xx.xxxxx.fl
MPU4032DAC	FL0620-AVO-1.14.xx.xxxxx.fl
MPU8032	FL0620-AVO-1.14.xx.xxxxx.fl
MPU8032DAC	FL0620-AVO-1.14.xx.xxxxx.fl

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3 Enhancements

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- Mozilla Firefox 3.6 (including version 10) and higher browser support

- Internet Explorer 8 browser support
- Local Port User Interface Improvements – user interface modified to add filtering, paging, and screen navigation options that will improve the speed and flexibility of how a user can select and move from one target device to another using the local port.
- Improved Security - increased the length of the public key used in the SSL certificate from 512 bits to 1024 bits.

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4 Fixes

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- 65671287 – Japanese Hiragana Mu key support
- 65602891, 65641724 – very slow scrolling in Local Port target list
- 65643256 – if the user preempts a session on a target which has an exit macro assigned, the digital path will become unusable, requiring a reboot.
- 65649270 - if a DSView™-managed appliance has consumed all digital paths with KVM sessions, user is unable to launch serial sessions.
- 65635995 - Swiss German KB KVM Viewer with MacOSX

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5 Flash Update Failure Recovery

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If after a Flash procedure, the switch does not boot into the new firmware version, 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 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 MergePoint Unity switch.
4. In the terminal program, press any key when the *Hit any key to stop autoboot* prompt appears.
5. A menu should now be displayed on the terminal program. Select Boot Alternate by entering **1** and pressing **Enter**.
6. The MergePoint Unity switch will then reboot to the previous firmware version automatically.

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