

MergePoint Unity[®] KVM over IP and Serial Console Switch
Firmware Release Notes
Version 1.2.10.15038
Feb 5, 2010

This document outlines:

1. Update Instructions
2. Appliance Firmware Version and Language Support Information
3. Enhancements
4. Fixes
5. Known Issues
6. Flash Update Failure Recovery

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Update Instructions
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Please refer to your user manual for detailed instructions to update the appliance.

Important Notes:

1. Attaching a DSRIQ-VMC module or a MPUIQ-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 pressed
2. For Avocent Power Management (PM) 2003, 2006, 2024, 3003, 3006 and 3024 Power Distribution Units (PDUs), v110 firmware or higher is required to be able to manage the PDU from the MergePoint Unity switch.
3. Firmware updates to this version 1.2.10.15038 do not support downgrades to earlier firmware versions on switches with unit part number revisions listed in the table under Enhancement #1.

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Appliance Firmware Version and Language Support Information

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The following appliances are supported with this update:

Switch	English
MPU104E	FL0620-AVO-1.2.10.15038.fl
MPU108E	
MPU108EDAC	
MPU1016	
MPU1016DAC	
MPU2016	
MPU2016DAC	
MPU2032	
MPU2032DAC	
MPU4032	
MPU4032DAC	
MPU8032	
MPU8032DAC	

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Enhancements

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This release contains the following enhancements:

1. Added support for vendor changes in Rev D of the microprocessor.

Note: Firmware downgrades are not supported in units that contain Rev D microprocessors which are identified by the unit numbers listed below. A unit number with the final three digits listed below or higher will contain a Rev D microprocessor.

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
 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 MPU108E 8 PORT 1 DIGITAL PATH SAC
520-602-502 MPU108E 8 PORT 1 DIGITAL PATH DAC
520-803-502 MPU104E 4 PORT 1 DIGITAL PATH SAC

The user can obtain the 520 unit number in one of two methods:

- a. Unit label located on the bottom of the unit
- b. Local or Remote User Interface under Unit View -> Appliance -> Properties
-> Identify -> Part Number

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Fixes
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Known Issues
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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. Use the following steps 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. Power on the MergePoint Unity switch.
4. In the terminal program, when the "Hit any key to stop autoboot" prompt appears, press any key.
5. A menu should now be displayed on the terminal program, select "Boot Alternate" by entering 1 and hitting enter.
6. The MergePoint Unity switch will then reboot to the previous firmware version automatically.