

MergePoint Unity[®] KVM over IP and Serial Console Switch
Firmware Release Notes
Version 1.2.3.14447
Oct 16, 2009

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 Note:

1. Attaching the 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 pressed
2. For the Avocent Power Management 2003, 2006, 2024, 3003, 3006 and 3024 Distribution Units (PM PDUs), v110 firmware or higher is required to be able to manage the PDU from the MergePoint Unity switch.

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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-1.2.3.1447.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. Support for the following widescreen resolutions with the DSAVIQ-USB2 and DSRIQ-VMC modules:

- 1440 x 900 @ 60 Hz
- 1280 x 800 @ 60 Hz
- 1024 x 640 @ 60 Hz
- 800 x 500 @ 60 Hz

Note: 1680 x 1050 @ 60 Hz supported with the MPUIQ-VMC module.

2. Supports 1600 x 1200 @ 60 Hz video resolution – requires the MPUIQ-VMC module

3. Telnet serial capability

4. Syslog – audit events sent to Syslog servers (in addition to SNMP trap managers)

5. Supports the new MPUIQ-VMC module allowing higher video resolutions
6. Dual-stack IPv6 with stateless auto-configuration
7. Added support for DVD-ROM across Virtual Media connection
8. Network Configuration through the serial Setup port
9. Added cascade support for the Dell iKVM M1000E
10. Models 104E, 108E, 108EDAC support two independent local user video paths with one being dedicated to an ACI port.

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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.