DSR® x02x/x03x Switches
Firmware Release Notes
Version 3.7.0.13
Oct 28, 2008

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. If the appliance currently has a firmware version *earlier* than 3.2.0.17 (or 3.6.2.17 for DSR 1020, DSR 2020, or DSR 4020 switches) then the appliance must first be upgraded to 3.2.0.17 (or 3.6.2.17 for DSR 1020, DSR 2020, or DSR 4020 switches) before it can be updated with this newest version.
2. 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.
3. For Avocent Power Management Distribution Units (PM™ 2003, 2006, 2024, 3003, 3006, and 3024 PDUs), PDU v110 firmware or higher is required to be able to manage the PDU from a DSR switch.

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              Appliance Firmware Version and Language Support Information
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The following DSR switches are supported with this update:

Switch	English	Spanish	French	German	Italian
DSR 1021 DSR 1022	DSR1021 _3.7.0.13_en.fl	DSR1021 _3.7.0.13_sp.fl	DSR1021 _3.7.0.13_fr.fl	DSR1021 _3.7.0.13_de.fl	DSR1021 _3.7.0.13_it.fl
DSR 1024	DSR1024_3.7.0.13.fl	N/A	N/A	N/A	N/A
DSR 1031	DSR1031 _3.7.0.13_en.fl	DSR1031 _37.0.13_sp.fl	DSR1031 _3.7.0.13_fr.fl	DSR1031 _3.7.0.13_de.fl	DSR1031 _3.7.0.13_it.fl
DSR 1020 DSR 2020 DSR 4020	DSR4020 _3.7.0.13_en.fl	DSR4020 _3.7.0.13_sp.fl	DSR4020 _3.7.0.13_fr.fl	DSR4020 _3.7.0.13_de.fl	DSR4020 _3.7.0.13_it.fl
DSR 8020	DSR8020 _3.7.0.13_en.fl	DSR8020 _3.7.0.13_sp.fl	DSR8020 _3.7.0.13_fr.fl	DSR8020 _3.7.0.13_de.fl	DSR8020 _3.7.0.13_it.fl
DSR 1030 DSR 2030 DSR 4030 DSR 8030	DSRx030 _3.7.0.13_en.fl	DSRx030 _3.7.0.13_sp.fl	DSRx030 _3.7.0.13_fr.fl	DSRx030 _3.7.0.13_de.fl	DSRx030 _3.7.0.13_it.fl
DSR 2035 DSR 8035	DSRx035 _3.7.0.13_en.fl	DSRx035 _3.7.0.13_sp.fl	DSRx035 _3.7.0.13_fr.fl	DSRx035 _3.7.0.13_de.fl	DSRx035 _3.7.0.13_it.fl

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                         Enhancements
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This release contains the following enhancements:

1. Added support for USB CCID Generic Smart Card Reader – attached at the client PC and at the local port of the DSR switch via DSRIQ-VMC module.

2. Added support for the DSRIQ-VMC RIP module.

3. Added support for the following High Density PM PDU devices:
   - PM 2000 PDU horizontal 3 & 6 outlet and vertical 24 outlet – metered
   - PM 3000 PDU horizontal 3 & 6 outlet and vertical 24 outlet – switched & metered

   (PM PDU models supported: 2003, 2006, 2024, 3003, 3006, 3024)
   Management and measurement at the PM unit, segment, phase and socket levels are available via the OBWI and DSView® 3 management software (DSR plug-in) interfaces.

4. Added support for alarm threshold per segment for Cyclades PM PDU models that supports two segments:

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                             Fixes
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This release contains the following fixes:

1. Fixed missing links from the side menu (Power Units) on OBWI

2. Fixed extra characters in the PMD Socket screen on OBWI

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                         Known Issues
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This release contains no known issues.

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                 FLASH Update Failure Recovery
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If the green power LED on the front and back panel of the DSR switch blinks continuously, the switch is in recovery mode. Use the following steps to recover from a failed FLASH upgrade:
1. Set up the TFTP server with server IP address 10.0.0.3.

2. Rename the flash update file to the appropriate filename from the following list and place it into the appropriate directory on the TFTP server.

Switch	Filename
DSR 1021, DSR 1022	DSR1021.fl
DSR 1024	DSR1024.fl
DSR 1031	DSR1031.fl
DSR 1020, DSR 2020, DSR 4020	DSRxx20.fl
DSR 8020	DSR8020.fl
DSR 1030, DSR 2030, DSR 4030, DSR 8030	DSRxx30.fl
DSR 2035, DSR 8035	DSR8035.fl

3. If the DSR switch is not on, turn it on now.

4. The recovery process will start automatically.

NOTE: If you do not have a TFTP server, there are several shareware and freeware programs on the Internet that you can download and install.