DSR®800, DSRx16x and DSRxx10 Switch Appliances
Release Notes
September 15, 2005

This is a general maintenance release to the DSR800, DSRx16x and DSRxx10 switch appliance product line.
This document outlines:

1. DSR Switch Appliance Firmware File Information
2. DSR Switch Appliance Localization File Information
3. Important Installation Notes
4. Enhancements/Fixes/Known Issues

This release includes firmware for the DSR switch appliances that have the Dambrackas Video Compression™ (DVC) Algorithm
Option.

DSView® 3 Software must be purchased to support the firmware update below.

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DSR Switch Appliance and Firmware File Information
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The following DSR switch appliances are supported with the update:

**NOTE: Prior to performing this update, the DSR1161, DSR2161 and DSR4160 switch appliance must have been updated to
firmware version 1.1.0.17 or later. If the appliance requires an update to firmware version 1.1.0.17, all supporting DSRIQ
Server Interface Modules will be automatically updated.**

Appliance	Version
DSR1161 switch	3.0.1.0
DSR2161 switch	3.0.1.0
DSR4020 switch	3.0.1.0
DSR800 switch	3.0.1.0
DSR1010 switch	3.0.1.0
DSR2010 switch	3.0.1.0
DSR4010 switch	3.0.1.0

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DSR Switch Appliance Localization File Information
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The following localization of the OSCAR® OSD for the DSR switch appliances is supported with the update:

Language	File Name
English	FL0250.fl
French	FL0251.fl
German	FL0252.fl
Spanish	FL0255.fl
Italian	FL0256.fl

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Important Installation Notes
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1. When upgrading to this release, make a note of OSCAR® user settings. They will not be saved during the upgrade. The DSR will
    require you to reset all user settings.

2. The DSR update can take up to ten minutes. During this time the DSR switch appliance front panel will indicate progress via its
    LEDs.

3. If any of the Online, Selected, or Power LEDs are blinking, the DSR switch flash update is not yet complete.

4. **Power must NOT** be removed from the DSR switch appliance until the update is complete.

5. After new flash firmware is updated, the DSR switch appliance will reset.

6. Updating to the new will automatically flash update all attached DSRIQ Server Interface Module.

7. The automatic update of the DSRIQ Server Interface Modules occurs after the DSR switch appliance update. Please allow 6 additional minutes for the DSRIQ modules to update. Cycling the power to the DSR switch appliance or any attached servers during update will damage the DSRIQ modules.

8. Any attempt to connect to a target server via DSView 3 management software during this update will produce the following error message: "There was an error connecting to the remote system. Reason: There is no computer attached to this port/channel, or the computer is powered down."

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Enhancements
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This release of DSR switch appliance firmware contains the following enhancements:

1. Added Video Noise compensation feature to external serial console.

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Fixes
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This release of DSR switch appliance firmware contains the following fixes:

1. Auto-resize fix for digital sessions.
2. Fix for intermittent digital session lockup that required reboot to recover.
3. For DSR 1010/2010/4010, fix for missing server names in DSView3 and preemption problems when using tiered AV2000 switch.

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Known Issues
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This release of DSR switch appliance firmware contains the following known issues:

1. If using a DSRIQ-USB module on a server, do not use the PS/2 Reset Feature in the Command Screen.
2. Logitech drivers (including but not limited to V 9.26) loaded on a Windows NT 4 (server or workstation) require that a Logitech mouse be connected and a mouse click be performed, before Microsoft mice or DSRIQ Server Interface Modules will function correctly.
3. To enable the DSRIQ module to function properly, with a Logitech mouse driver loaded on Windows NT4, the following steps must be taken:

   a. Connect a Logitech mouse to the server.
   b. Then perform a (left or right) mouse-click.
   c. Shut down the server and attach the DSRIQ Server Interface Module.
   d. Boot the OS.