

DSR®1010_2010_4010_1161_2161_4160_800 Switch Appliances
Firmware Release Notes
May 17, 2005

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.

DSR Switch Appliance and Firmware File Information

The following DSR switch appliances are supported with the update:

NOTE: Prior to performing this update, the DSR1161, DSR2161 and DSR4160 switch appliances 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.

<u>Appliance</u>	<u>Version</u>
DSR1161 switch	3.0.0.2
DSR2161 switch	3.0.0.2
DSR4160 switch	3.0.0.2
DSR800 switch	3.0.0.2
DSR1010 switch	3.0.0.2
DSR2010 switch	3.0.0.2
DSR4010 switch	3.0.0.2

DSR Switch Appliance Localization File Information

The following localization of the OSCAR® OSD for the DSR switch appliances is supported with the update:

<u>Language</u>	<u>File Name</u>
English	English_FL0250.fl
French	French_FL0251.fl
German	German_FL0252.fl
Spanish	Spanish_FL0255.fl
Italian	Italian_FL0256.fl

Important Installation Notes

1. When upgrading to this release, make a note of OSCAR OSD user settings. They will not be saved during the upgrade. The DSR switch appliance will require you to reset all user settings.
2. The DSR switch appliance 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 the new flash firmware is updated, the DSR switch appliance will reset.
6. Updating to the new flash firmware will automatically flash update all attached DSRIQ Modules.
7. The automatic update of the DSRIQ 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."

Enhancements

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

1. OSCAR OSD and serial console security enhancements for the DSR1010, 2010, and 4010 switch appliances. Login credentials from OSCAR OSD and serial console should first be authenticated to the DSView 3 software server. If the DSView 3 server is not reachable, then fall back to the DSR switch appliance user accounts.
2. Serial console security enhancement for the DSR1161, 2161, 4160, and DSR800 switch appliances. Login credentials from the serial console will be authenticated to the DSView 3 software server.

Fixes

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

1. While digital scanning using DSView 3 management software, fixed problem where video is not updating.
2. For DSR1161/2161/4160/800 switch appliances, Shift-PrintScreen does not bring up OSCAR OSD.
3. Fixed memory leak when video encryption is enabled.
4. Fixed problem when tiering a Raritan Paragon below a DSR switch appliance.

Known Issues

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 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 module.
 - d. Boot the OS.