Ethernet Switch 470/460/BPS
Software Release 3.1.9

1. Release Summary

Release Date: 13-March-2006
Purpose: Software patch release to address customer found software issues.

2. Important Notes Before Upgrading to This Release

Starting with the 3.1.8 software release, the Interoperability Software Version Number (ISVN) has changed to 3. When you are working with a mixed stack, you **must** ensure that the ISVNs are identical.
If the ISVNs are not the same, the stack will not operate.

3. Platforms Supported

Ethernet Switch 460/470
BPS 2000

4. Notes for Upgrade

Software release 3.1.9 **must** be installed prior to upgrading the switch/stack to 3.5 or a higher version. This upgrade is required to prevent configuration corruption under some circumstances. See CR Q01257870 in the Changes section of this release note for details.

Please see "Release Notes for BayStack Operating System Switching Software (Boss 3.1) for BayStack 460, 470 and BPS 2000" (Part No. 215148-D, available at http://www.nortel.com/support. Under Switches and Hubs, select Ethernet Switches, then Ethernet Switch 470-24T from the list of products) for details on how to upgrade your switch.

File Names for This Release

File Name	Module or File Type	File Size (bytes)
470_31904.img	Agent code image	1,943,250
470_31905s.img	Agent code image (SSH)	1,890,582

5. Version of Previous Release

Software Version 3.1.8

6. Compatibility
This software release is managed with Java Device Manager (JDM) release 5.9.6.
The diagnostic version must be 3.6.0.1 or higher.

7. Changes in This Release

New Features in This Release
None.

Old Features Removed From This Release
None.

Problems Resolved in This Release

Console on a non-base unit might freeze after resetting base unit from the non-base unit and entering the "show stack-monitor" command (**Q01266026**).

When upgrading from a 3.1 image prior to software version 3.1.9 to the 3.5 version, the NVRAM configuration could get corrupted (**Q01257870**). This may occur when significant multicast/broadcast traffic is received during the upgrade process.

When a port moves to a different VLAN in the same or in other STPG, its STP-participation has to be 'enabled' (**Q01186012**)

Radius authentication does not switch back to primary server consistently (**Q01296036**).

8. Outstanding Issues
None.

9. Known Limitations

If a stack receives an EAPOL authentication request during the download of the image, the stack will cease to function as a stack and will become a set of standalone units (**Q00932428**).

10. Documentation Corrections

For other known issues, please refer to the product release notes and technical documentation available from the Nortel Technical Support web site at: http://www.nortel.com/support .