



# **Ethernet Routing Switch 8600**

## **Readme**

Software Release 7.0.0.2



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## Software Release 7.0.0.2

Release Date: October 15, 2010

Purpose: Software maintenance release to address a PCMCIA driver issue.

## Important Notices

Avaya Inc has acquired the Enterprise Solutions business from Nortel. This acquisition includes the ERS 8600 and software described in this document. During the transition of all assets and support infrastructure of products and services to Avaya, Nortel provides certain infrastructure support. As such, you will find the Nortel name, and pointers to Nortel support locations on the Internet being referenced intermixed with Avaya in this document.

### Non supported hardware for Release 7.0:

Release 7.0 does not support any classic modules.

In addition, Release 7.0 supports the 8692 SF/CPU only if it is equipped with SuperMezz. The 8692 SF/CPU without SuperMezz is not supported with Release 7.0.

The 8003 chassis is no longer supported. It is replaced by the 8003-R chassis.

For a complete list of non supported hardware, please refer Ethernet Routing Switch 8800 - Release Notes - Software Release 7.0

Also refer to the following documents for extra details and as reference material in addition to this Readme:

- [Ethernet Routing Switch 8800 - Release Notes - Software Release 7.0](#) (Doc # NN46205-402, Rev 04.01)
- [Ethernet Routing Switch 8600 - Upgrades - Software Release 7.0](#) (Doc # NN46205-400, Rev 04.02)
- [Ethernet Routing Switch 8600 - Installation - Modules](#) for Software Release 7.0 (Doc # NN46205-304, Rev 04.02)
- [Ethernet Routing Switch 8600 - Administration](#) for Software Release 7.0 (Doc # NN46205-605, Rev 03.02)
- [Ethernet Routing Switch 8600 - Routine Maintenance](#) for Software Release 7.0 (Doc # NN46205-312, Rev 03.02)

## Notes for Upgrade

This section describes the Ethernet Routing Switch 8800 Software Release 7.0.0.2 software files.

Before you upgrade, it is recommended to verify the MD5 signature for each new file to be used. For upgrade procedures, see Nortel Ethernet Routing Switch 8600 Upgrades — Software Release 7.0 (NN46205-400) available at [www.nortel.com/support](http://www.nortel.com/support).

## File Names for This Release

Module or file Type	Description	File name	Size in bytes
Software tar file	Tar file of all software	pr86_7002.tar.gz	53652261
<b>Ethernet Routing Switch images</b>			



Boot monitor image for 8692 SF/CPU	8692 CPU and switch fabric firmware	p80b7002.img	1181358
Boot monitor image for 8895 SF/CPU	8895 CPU and switch fabric firmware	p80be7002.img	1250874
Run-time image for 8692 SF/CPU	Run-time image for 8692 SF/CPU	p80a7002.img	14190990
Run-time image for 8895 SF/CPU	Run-time image for 8692 SF/CPU	p80ae7002.img	13219308
Run-time image for R modules	Run-time image for R modules	p80j7002.dld	1642612
Run-time image for RS modules	Run-time image for RS modules	p80k7002.dld	1702332
Run-time image for Enterprise Enhanced SF/CPU Daughter Card (SuperMezz)	Image for the SuperMezz card	p80m7002.img	14293463
3DES for 8692 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80c7002.des	55928
3DES for 8895 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80ce7002.des	51860
AES for 8692 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80c7002.aes (this image includes the 3DES image)	25712
AES for 8895 SF/CPU	Encryption module for privacy protocol with Secure Shell (SSH)	p80ce7002.aes (this image includes the 3DES image)	21616
MIB	MIB files	p80a7002.mib	4877775
MIB (zip file)	Zip file containing MIBs	p80a7002.mib.zip	766999
MD5 checksum file	md5 checksums of all Release 7.0 software files	p80a7002.md5	1107
<b>Firmware images</b>			



FOQ for R modules	Feedback output queuing FPGA firmware	foq267.xsvf	5320469
BMC for R modules	BAP memory controller FPGA firmware	bmc776.xsvf	2640266
DPC for R modules	Dual port Controller FPGA firmware	dpc194.xsvf	2583454
PIM8630GBR	Programmable I/O module FPGA firmware; for the 8630GBR only	PI_769.xsvf	2284578
Firmware for RS modules	Contains FOQ, BMC, DPC, mirroring, and loopback images	rs_dpm_fpga.bin	4538368
PIM images for RS modules	PIM FPGA firmware required for 8612XLRS module only	pim8612XLRS.bin	60183
	PIM FPGA firmware required for 8634XGRS module only	pim8634XGRS.bin	78173
	PIM FPGA firmware required for 8648GBRS module only	pim8648GBRS.bin	79891
	PIM FPGA firmware required for 8648GTRS module only	pim8648GTRS.bin	54441
<b>Trace files</b>			
MPLS trace file	Trace file for MPLS. This is auto generated and appears on the PCMCIA after upgrade.	nbpdtrc.lo0	Variable
<b>EDM Help files</b>			
EDM help files	Help files for EDM GUI	ERS8000_70_Help.zip	2973741
<b>ERS 8000 EDM plug-in for COM</b>			
EDM plug-in for COM	EDM plug-in for COM	ers8000v7.0.0.0.war	

NOTE: dpc194.xsvf is a new DPC FPGA image for R-modules that can only be used with post 5.1.3GA releases. Do not use this DPC FPGA image with pre5.1.3 releases; it may result in R-modules not booting up successfully and one may need RMA to get the card back in good state.

### Version of Previous Release

Software Version **7.0.0.0**



## Compatibility

This software release is managed with Enterprise Device Manager (EDM)

## Changes in This Release

### New Features in This Release

None.

### Old Features Removed From This Release

None.

## Problems Resolved in This Release

### Platform

- 8692 CP boards with the new PCMCIA controller could experience high cpu utilization and other systemic effects while accessing certain types of PCMCIA cards. The problem has now been addressed. (wi00734221 and wi00733439)

## Outstanding Issues

Please refer to the Outstanding Issues Section of the Release Notes for Ethernet Routing Switch 8600 Software Release 7.0.0.0. No other new issues have been found.

## Known Limitations

Please refer to the Known Limitations Section of the Release Notes for Ethernet Routing Switch 8600 Software Release 7.0.0.0. No other new known limitations have been found.

## Documentation Corrections

None.

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