



Aprisa XE Software Release Notes

7.1.6

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Wellington
New Zealand

September 2006

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1. Introduction

Introduction

The previous Aprisa XE software version 7.1.4 was released for general use on the 20th April 2006.

This release of Aprisa XE software version 7.1.6 was released for general use on the 21st September 2006.

This document covers the major changes, product enhancements, new functionality, bug fixes and MIB changes since Aprisa XE software version 7.1.4.

4RF Support

Prior to upgrading Aprisa XE terminals with this software, please contact 4RF Customer Support at support@4rf.com to obtain the upgrade files and upgrade process.

Where possible, the customer should consider upgrading in a controlled environment before upgrading the entire network.

2. Released Files

Releases Files

The following is a list of files released for Aprisa XE software version 7.1.6.

File Name	File Type	File Function
Rel_7_1_6.cfg	TFTP Upgrade	Top Level TFTP upgrade file - used when running 7.2.x or later
release_7_1_6p.cfg	TFTP Upgrade	Partial Upgrade - used first when running earlier than 7.0.6
release_7_1_6.cfg	TFTP Upgrade	Full Upgrade - used when running 7.2.x or later
F_7_1_6.cfg	TFTP Upgrade	Used by Rel_7_1_6.cfg during TFTP upgrade process
M_7_1_6.cfg	TFTP Upgrade	Used by Rel_7_1_6.cfg during TFTP upgrade process
S_7_1_6.cfg	TFTP Upgrade	Used by Rel_7_1_6.cfg during TFTP upgrade process
C-fpga_E1-0-7-0.img	Firmware Image	Motherboard 1 image file
C-fpga_E2-0-4-0.img	Firmware Image	Motherboard 2 image file
C-fpga_E5-0-6-4.img	Firmware Image	QJET image file
C-fpga_E7-1-3-3.img	Firmware Image	Q4EM image file
C-fpga_E7-2-3-3.img	Firmware Image	Q4EM image file
C-fpga_E8-1-4-0.img	Firmware Image	DFXO image file
C-fpga_E8-2-4-0.img	Firmware Image	DFXO image file
C-fpga_E9-0-4-0.img	Firmware Image	DFXS image file
C-fpga_E9-1-4-0.img	Firmware Image	DFXS image file
C-fpga_EA-0-5-1.img	Firmware Image	Modem image file
C-fpga_EB-0-1-0.img	Firmware Image	QV24 image file
C-fpga_EC-0-1-3.img	Firmware Image	HSS image file
C-fpga_EC-1-1-6.img	Firmware Image	HSS image file
C-CC-K-6_0_0.img	Kernel Image	Linux Kernel
C-CC-R-7_1_6.img	Software Image	Root File System
C-crossconnect_7_1_4.cfg	Configuration	Cross Connect upgrade file
modem_7_1_6.cfg	Configuration	Modem Upgrade file - standard ETSI version
XE_300_400_synth.cfg	Configuration	Synthesizer Upgrade file for 300, 400 MHz frequency bands
XE_700_800_900_synth.cfg	Configuration	Synthesizer Upgrade file for 700, 800, 900 MHz frequency bands
XE_1400_synth.cfg	Configuration	Synthesizer Upgrade file for 1400 MHz frequency band
XE_2000_2500_synth.cfg	Configuration	Synthesizer Upgrade file for 2000, 2500 MHz frequency bands
C-crossconnect_7_1_4.jar	Java Application	Cross Connect - used when running 7.1.4 or later
crossconnect_7_1_4.jar	Java Application	Cross Connect - used when running 7.0.6 or earlier
C-ccapp_exe_7_1_4.jar	Java Application	Cross Connect (stand alone application)
C-CC-B-7_1_1.srec	System	Bootloader (cannot be uploaded)
C-CC-F-7_1_4.img	System	Flash File System (cannot be uploaded)

3. Upgrade Process

3.1. TFTP Upgrade

Partial Upgrade Process

When performing a TFTP upgrade with this software, terminals that are currently running software version prior to 7.0.6, may require a two stage upgrade process.

Run a TFTP upgrade on the terminal with the **7_1_6p** file. This will perform a partial upgrade which will delete unnecessary image files that might be taking up space in the Image Table (which could prevent a normal upgrade).

Reboot the terminal.

Run a TFTP upgrade on the terminal with the **7_1_6** file. This will perform a full upgrade. Reboot the terminal again.

4. Major Changes

4.1. MIB load bug

MIB load bug

This Aprisa XE software version 7.1.6 was released to fix a bug when saving and loading MIB files in software version 7.1.4.

No other changes / enhancements have been made.

5. SuperVisor

5.1. SuperVisor Bug Fixes

MIB load failure

Previously, loading a saved MIB file (Maintenance > Config Files > Load MIB):

- Could fail due to incorrectly set data in the saved MIB file.
- Would indicate a status of 'Succeeded' but option parameters associated with DFXO, DFXS or QV24 interface cards would be incorrectly set.

This has been corrected in 7.1.6.

6. Recommendations

Upgrading to 7.1.6

It is recommended to upgrade Aprisa XE terminals running software 7.1.4 or earlier to software version 7.1.6 if the Save MIB and Load MIB feature is being used.

Java 1.5 JRE

That all PCs running the Aprisa XE support software, SuperVisor and the Cross Connections application be upgraded to Java 1.5 JRE (JVM).
