



Aprisa XE Software Release Notes

7.3.7

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1. Introduction

Introduction

The previous Aprisa XE software version 7.3.6 was released for general use on the 19th October 2006. It provided base software of 7.3.1 with the bug fixes included in 7.3.4 and 7.3.5.

This release of Aprisa XE software version 7.3.7 was released for general use on the 30th October 2006. It only provides an upgrade for the cross connect application.

All Aprisa XE software releases 7.3.1 through 7.3.6 should be updated with this 7.3.7 version of the cross connect application.

This document covers the major changes, product enhancements, new functionality, bug fixes since Aprisa XE software version 7.3.6.

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 7.3.7.

File Name	File Type	File Function
C-crossconnect_7_3_7.cfg	Configuration	Cross Connect upgrade file
C-crossconnect_7_3_7.jar	Java Application	Cross Connect - used when running 7.1.4 or later
crossconnect_7_3_7.jar	Java Application	Cross Connect - used when running 7.0.6 or earlier
C-ccapp_exe_7_3_7.jar	Java Application	Cross Connect (stand alone application)

3. Upgrade Process

Upgrade process

To run a cross connect application upgrade process:

Select the SuperVisor menu item

Local > Maintenance > Config Files > Upgrade Configuration

Select the cross connect application file C-crossconnect_7_3_7.cfg

Click the Apply button and wait for the upgrade process to complete and report 'success'.

Open the cross connect application with the SuperVisor menu item

Link > Interface > Cross Connections

4. Major Changes

Major enhancements

None

Major bug fixes

The following major bug fixes have been implemented in Aprisa XE software version 7.3.7:

- Local cross connections will not always operate correctly

5. Cross Connection Application

5.1. Cross Connections Application Enhancements

Backplane efficiency improvement

The backplane bus allocator has been made more efficient when allocating bandwidth to local and remote loopbacks.

This enhancement was added in 7.3.7.

Capacity indicators enhanced

The capacity indicators at the bottom of the Cross Connections Application screen have been changed to make them consistent with the SuperVisor indicators:

'Radio' is changed to 'Radio Capacity' and

'Drop & Insert' is changed to 'Local Capacity'

The tool tip messages have also been enhanced to clearly show the capacity usage.

The following is an example of the messages shown:

Radio Capacity

Radio Bandwidth Usage (over the air)

8632 kbps total

1664 kbps used (19%)

6968 kbps free

Local Capacity

Local capacity usage (for connecting ports on the same terminal)

65536 kbps total

8632 kbps reserved for radio (13%)

896 kbps used for local (1%)

56008 kbps free

This enhancement was added in 7.3.7.

5.2. Cross Connections Application Bug Fixes

Local cross connections problem

Previously, some local (drop & insert) connections would not operate correctly on links where not all of the available radio bandwidth is being used to carry data over the radio link. This situation is more likely to occur in links with narrow channel sizes.

This bug was caused by a backplane allocation problem and has been corrected in 7.3.7.
