Cisco Prisma II System Release 2.05.41 Release Note

Overview

This system release supports the Prisma II Transport System. It incorporates updates and fixes for the ICIM2 and EDR receiver.

Purpose

This document describes the features of release 2.05.41, lists the resolved items with this release, and provides instructions for downloading software.

Audience

This document is intended for qualified and skilled personnel who configure the system. These personnel should understand basic optics, RF, and network monitoring operations.

Qualified Personnel

Only appropriately qualified and skilled service personnel should attempt to install, operate, maintain, and service this product.

> ⚠️ **WARNING:**
> **Allow only qualified and skilled personnel to install, operate, maintain, and service this product. Otherwise, personal injury or equipment damage may occur.**

Related Publication

You may find the following publication useful as you implement the procedures in this document.

- *Cisco Prisma II Platform Installation & Configuration Guide*, part number OL-27999
- *Cisco Prisma II Platform Configuration Guide*, part number OL-27998

Document Version

This is the first version of this release note.

In This Document

Release Purpose

Hardware

This release includes no changes/updates to hardware.

Firmware

This release includes ICIM2 and EDR receiver updates and fixes.

System Release Detailed Hierarchy

The following table provides detailed system release hierarchies for this release.

System Release Detailed Hierarchy (MSO)

Top Level	Application	Release #	Filename(s)
Embedded System	-	2.05.41	PrismaII_2_05_41_REL_MSO.xml
	ICIM2	2.05.37	ICIM2_2_05_37_app.BIN
	ICIM2 Boot	2.05.20	ICIM2_2_05_20_boot.BIN
	Fan Tray (5010)	1.01.09	FAN_1.01.09.app
	Fan Tray (5012)	1.01.09	FAN_1.01.09.app
	Module Amp	1.01.06	1PCAMP_1.01.06.app
	Post-Amp	1.01.05	2PUAMP_1.01.05.app
	Optical Switch	1.01.06	OPSW_1.01.06.app
	Transmitter (1033)	2.03.00	p21550FTTH_2_03_00_app.upg
	Dual reverse receiver (high gain)	1.01.21	HDRXRHG_1.01.21.app
	Dual reverse receiver (standard gain)	1.01.21	HDRXRLG_1.01.21.app
	Single forward receiver	1.01.12	HDRXF_1.01.12.app
	DPON deep reach receiver	1.01.01	DPONRXDEEPREACH_1.01.01.app
	bdr 2:1 dual receiver	1.01.12	BDRD21RX_1.01.12.app
	XD Fan Tray	1.01.06	XDFAN_1.01.06.app
	HD BC EDFA	1.01.00	HDBCEDFA_1.01.00.app
	HD NC EDFA	1.01.00	HDNCEDFA_1.01.00.app
	HD Optical Switch	1.01.00	HDOPSW_1.01.00.app
	Hybrid Amp	1.01.05	2PCUAMP_1.01.05.app
	3P Hybrid Amp	1.01.03	3PCUAMP_1.01.03.app
	GF Hybrid Amp	1.01.01	2PCUFAMP_1.01.01.app
	Module Amp	1.01.02	P21PCAMP_1.01.02.app
	Dual reverse receiver (low noise)	1.01.00	HDRXRLN_1.01.00.app
	HDGFEDFA Amp	1.01.02	HDGFEDFA_1.01.02.app

Top Level	Application	Release #	Filename(s)
	EDR receiver	1.01.18	edr_rx_1.01.18.app
	Iwdm LRMW transmitter	1.02.04	P215TXiWDM_HI_1.02.04.app
	Iwdm LRMW transmitter	1.02.04	P215TXiWDM_LO_1.02.04.app

Firmware Upgrade Requirements

Prior to upgrading any Prisma II products to system release 2.05.41, confirm that:

■ You are using the latest version of the SOUP application (2.01.04 at this writing).

■ The files in system release 2.05.41 are copied to your FTP server prior to initiating the upgrade.

Supporting Software and Files

The following table details software and support files associated with this release.

Software/Files	Type	Release #	Filename(s)
Software Update App	App	2.01.04	See *Installation Instructions* (on page 13).
Proprietary MIBs	MIB	N/A	SCIATL-PRISMAII-ICIM-MIB.mib
			SCIATL-PRISMAII-MODULE-MIB.mib
CCB Boot	App	0.00.03	CCB3Boot.bin

Changes in Functionality

This release does not have functionality changes since previous transport system releases.

Resolved Items

This release resolves the following outstanding items carried over from previous transport system releases.

Issue ID	Status	Issue
CSCug70324	Resolved	In previous release, Verizon found Nessus autoscan will lock out telnet. And telnet will never come back unless reboot ICIM.
CSCuj76287	Resolved	In previous release, ICIM2 cannot get correct value of fantray device type 5000 through EM port.
CSCum54678	Resolved	In previous release, if the system is powered on with only one power supply in slot 3, any alarm trap from this power supply module will not be sent out.

Outstanding Items

The following outstanding item remains unresolved in this system release.

Issue ID	Status	Issue
CSCuh56837	Pending	In this release, when different FCM module is set with optical configuration, the Path 1 & 2 Redundancy Mode detection value for EDR with GS7K Node will be wrong.

Using the Bug Tool Kit

This section explains how to use the Bug Toolkit to search for a specific bug or to search for all bugs in a release.

Step 1 Go to http://tools.cisco.com/Support/BugToolKit.

Step 2 At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**. The Bug Toolkit page opens.

> **Note:** If you do not have a Cisco.com username and password, you can register for them at http://tools.cisco.com/RPF/register/register.do.

Step 3 To search for a specific bug, click the Search Bugs tab, enter the bug ID in the Search for Bug ID field, and click **Go**.

Step 4 To search for bugs in the current release, click the Search Bugs tab and specify the following criteria:

- Select Product Category—Network Management and Automation.
- Select Products—[Product Name].
- Software Version—[Product Version].
- Search for Keyword(s)—Separate search phrases with boolean expressions (AND, NOT, OR) to search within the bug title and details.
- Advanced Options—You can either perform a search using the default search criteria or define custom criteria for an advanced search. To customize the advanced search, click **Use custom settings for severity, status, and others** and specify the following information:
  - Severity—Choose the severity level.
  - Status—Choose Terminated, Open, or Fixed.
    Choose Terminated to view terminated bugs. To filter terminated bugs, uncheck the Terminated check box and select the appropriate sub option (Closed, Junked, or Unreproducible) that appears below the Terminated check box. Select multiple options as required.
    Choose Open to view all open bugs. To filter the open bugs, uncheck the Open check box and select the appropriate sub options that appear below the Open check box. To filter fixed bugs, uncheck the Fixed check box and select the appropriate sub option (Resolved or Verified) that appears below the Fixed check box.
  - Advanced—Check the Show only bugs containing bug details check box to view only those bugs that contain detailed information, such as symptoms and workarounds.
  - Modified Date—Choose this option to filter bugs based on the date when the bugs were last modified.
  - Results Displayed Per Page—Specify the number of bugs to display per page.

Step 5 Click **Search**. The Bug Toolkit displays the list of bugs based on the specified search criteria.

Step 6 To export the results to a spreadsheet:

a. In the Search Bugs tab, click **Export All to Spreadsheet**.
b. Specify the filename and location at which to save the spreadsheet.

c. Click **Save**. All bugs retrieved by the search are exported.

If you cannot export the spreadsheet, log into the Technical Support website at http://www.cisco.com or contact the Cisco Technical Assistance Center (TAC).

Installation Instructions

To Download the System Release
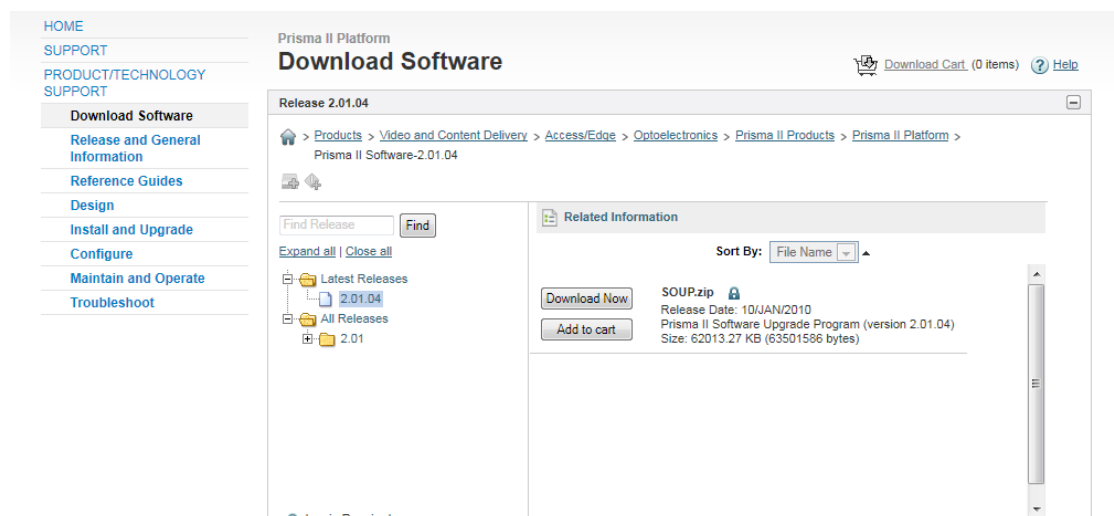
Complete the following steps to get the latest software releases.

Step 1 Go to the support section of the Cisco website (www.cisco.com).

Note: If you have not done so, you will need to set up an account to access the software releases.

Step 2 On the Support menu, select **All Downloads** and then use the selection tree to find the appropriate products.

The following illustration shows the general layout of the software download page accessible from the Cisco website.

For example, Prisma II products are listed under Products > Video > Access/Edge > Optoelectronics > Cisco Prisma II Products > Prisma II Platform.

There are currently four software types listed at this level:

- HFC and Optics Software - LCI for Windows
- Prisma II Firmware - All current module files in a .zip file. These are meant to be used with the SOUP utility.
- Prisma II MIBs - The MIBs for the ICIM and ICIM2
- Prisma II Software - The current release file and the SOUP utility

Step 3 Download the appropriate files, depending on your needs.

Note: To update module firmware, you will need the following:

- Prisma II Firmware (P2-Modules.zip)
- Prisma II Software (PrismaII_2_05_41_REL_MSO.xml and SOUP.zip)

Step 4 Unzip P2-Modules.zip to the appropriate folder for later user with the SOUP. Typically, this will be an FTP folder or a folder on a separate FTP server.

Step 5 Copy the release file (PrismaII_2_05_41_REL_MSO.xml) to the same folder or server location.

Step 6 Do you already have SOUP installed?

- If **yes**, unzip SOUP.zip to a temporary folder and double-click on **setupwin32.exe** to install the SOUP.
- If **no**, skip this step.

For Information

If You Have Questions

If you have technical questions, call Cisco Services for assistance. Follow the menu options to speak with a service engineer.

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