Cisco Prisma II System Release 2.05.46 Release Note

Overview

This system release supports the Prisma II Transport System. It incorporates updates and fixes for the ICIM2 and low noise reverse receiver, and adds support to some new modules.

Purpose

This document lists the resolved and outstanding items in Release 2.05.46, and provides instructions for downloading the 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 Publications

You may find the following publications 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 third version of this release note.

In This Document

Release Purpose

Hardware

This release includes no hardware changes or updates.

Firmware

This release includes ICIM2 and low noise reverse receiver changes or updates, new modules support, and fixes bugs that existed in the previous release.

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	-	2.05.00	PRISMAII_2_05_46_REL_MSO.xml
	ICIM2	2.05.40	ICIM2_2_05_40_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_1.01.02.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	1.02.06	P215TXiWDM_HI_1.02.06.app
	Iwdm LRMW transmitter	1.02.06	P215TXiWDM_LO_1.02.06.app
	Iwdm LRMW transmitter	1.01.08	P215TXM_1.01.08.app
	Reverse receiver 300M (standard)	1.01.12	HDRXR300M_1.01.12
	Reverse receiver 300M (low noise)	1.01.12	HDRXR300M_1.01.12
	1.2G QAM transmitter 1550 full spectrum KK	1.01.00	P2HDTxQAM_1.01.00
	1.2G transmitter 1310 KK	1.01.00	P2HDTx_1.01.00
	1.2G transmitter 1310 WW	1.01.09	P2HD1.2G13Tx_1.01.09

Firmware Upgrade Requirements

Prior to upgrading any Prisma II products to system release 2.05.46, confirm that:

- You are using the latest version of the SOUP application (2.01.04 at this writing).
- The files in system release 2.05.46 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 compared to previous transport system releases.

Resolved Items

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

Issue ID	Status	Issue
CSCuq91690	Resolved	module Alarm in XD Chassis not display in Front Panel
CSCur47167	Resolved	Tx Module Firmware Download Timeout via ICIM2 Ver. 2.05.39

Outstanding Items

There is no outstanding item that remains unresolved in this system release.

Using the Bug Tool Kit

If you need information about a specific caveat that does not appear in this release note, you can use the Cisco Bug Toolkit to find caveats of any severity. Use the following URL to access the Bug Toolkit:

http://tools.cisco.com/Support/BugToolKit/

If you request a defect that cannot be displayed, the defect number might not exist, the defect might not yet have a customer-visible description, or the defect might be marked Cisco Confidential.

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.

1 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

2 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_46_REL_MSO.xml and SOUP.zip)

3 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.

4 Copy the release file (PrismaII_2_05_46_REL_MSO.xml) to the same folder or server location.

5 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.