

A decorative graphic at the top of the page consisting of two overlapping wave-like patterns of dots. The upper wave is composed of green dots, and the lower wave is composed of blue dots. Both waves start on the left and end on the right, with the green wave being slightly higher and further to the left.

CP330 T2-Bridge Release Notes

Revision: 2.4.6 (5193)

2017-05-10

1 Overview

This document contains the SW revision history for CP330 T2-Bridge. The release note is cumulative, each chapter describing changes since the previous released version.

2 Release 2.4.6 Hoerdt

2.1 Release date 2017-05-10

Release for RTRN shipments with the new RSA licensed function (Regional Stream Adapter).

2.2 Changes

Added Regional Stream Adapter function that will be used for the RTRN project to support regional feeds with NRF format.

Fixed a problem with handling of switching EWS PLP from one to another in one operation.

3 Release 2.2.0 Kanata

3.1 Release Date 2016-10-18

3.2 Hardware

- 2.2.0 and on supports a new NAND flash variant that is not backwards compatible with older SW versions. Added a check in the SW loader to ensure software compatibility with running HW.

4 Release 2.0.4 Albano Laziale

4.1 Release date 2015-02-05

This is a patch release to fix a few issues.

4.2 Changes

- Fixed problem with switching EWS mode off from SNMP by writing to the MIB variable `plprEwsEnable`, previously it only worked to turn it on by writing a 1.
- Added a check to not allow manual toggling of EWS state when in-band control is enabled. This check applies for SNMP and TXP accesses. In the GUI, the EWS state toggle button is disabled as long as in-band control is used. A tool tip was added on the button to describe this. This change was made based on customer feed-back.
- Added an SNMP variable to the MIB, to export the 'EWS status' string as shown in the GUI.
- Fixed a bug with the global alarm list GUI page, that inhibited configuration of global severity overrides on alarms in Device Info=>Alarms=>Global Alarms.

5 Release 2.0.0 Nindakara

5.1 Release date 2014-11-04

This release is an updated release package for production introducing enhancements to the PLP Replacement functionality on the CP330 T2-Bridge. It includes bug fixes and new alarms for monitoring the operation of the unit.

5.2 EWS

- Updated the EWS in-band control service to revision 1.9 of the protocol. This adds support for sub-zones, and adds the requirement to type in a region ID on each PLP replacer unit.



Note: The new EWS server is not compatible with the prototype shown in earlier version.

- Added replacing of all programs on all non-replaced PLPs when EWS state is active. Previous version would only copy EWS program to one PLP.
- Added an indicator next to the inband enable check-box, to show whether in-band trigger message has been received or not.
- Added alarm on missing EWS program number.
- Added alarm triggered if in-band control enabled but the message is not successfully received.
- Added alarm if EWS copy engine is not able to insert all packets in destination PLP.
- Fixed bug in button for manually toggling EWS state. Previously button would toggle back by itself if in-band control was active.
- Fixed bug in filtering of EWS trigger message, that could cause in-band reception not to work correctly if a PLP disappeared and re-appeared.

5.3 PLP replacement

- Improved robustness towards signal loss and bit-errors on Local T2MI stream, to try to keep the modulator happy in such events.
- Fixed an issue where simulate power loss would give lots of alarms.

5.4 SI Replacement

- Improved updating of the alarm details on the SI replacement table missing alarms.
- Changed slightly the triggers for SI replacement mismatch alarms, to avoid setting alarm on single misses on insertion. Also improved update of details.

5.5 SNMP

- Added PLP table and T2MI monitor in MIB.
- Added region_id and zone_id to MIB, parameters related to the EWS function..

6 Release 1.0.2 Brookfield

6.1 Release date 2014-08-07

Production release for PLP Replacer.

6.2 Fixes

- Cosmetic changes to the integration of the 2070 switch card.
- Fix to SNMP agent, that could return some illegal OIDs from OEM partner.
- Fixed triggering of T2MI alarms on inputs.
- Added DHCP/DNS support on network interface.
- Fixed a bug where stuffing packets would not be shown on input status page.

7 Release 0.9.9

7.1 Release data 2014-05-28

Demo version to show EWS program replacement.