# B86486-01 CDAX unit Release Notes

Document version: 3.12f

Release Date: December 4<sup>th</sup>, 2020

Type of Release: Production Release

# **Lentronics Multiplexers**

JungleMUX SONET & T1 Multiplexers,



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## RELEASE SUMMARY

#### PRODUCT/COMPONENT

B86486-01 CDAX unit

Board Issue: 803aFlash Version: 3.12fFPGA Version: 3.20

Xilinx checksum 00E6E320Micro checksum 0062B623

#### REQUIREMENTS

• VistaNET version 5.12 or better

#### DOCUMENTATION CONTROL

Version 1.00	Initial Release	October 22 <sup>nd</sup> , 2019
Version 3.12	Production Release	December 4 <sup>th</sup> , 2020



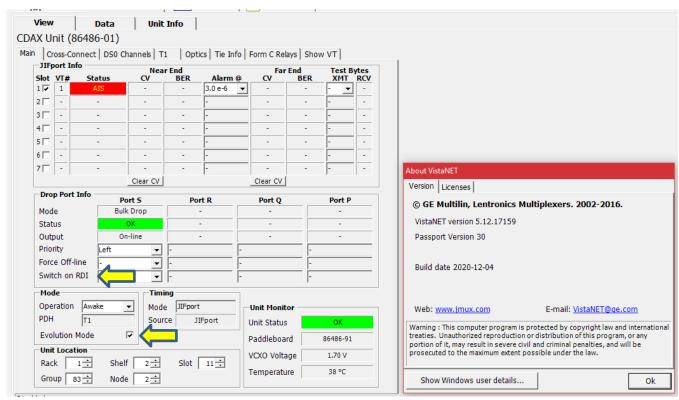
### **RELEASE DETAILS**

#### **NEW FEATURES**

GE's B86486-01 CDAX units firmware has been updated with new firmware to improve the signal integrity of VT's connecting via Evolution Modules (p/n B86900-01) to a JunglePAX 1G+ Hybrid Optical Transport port. CDAX units terminating VT1.5 from a JunglePAX network must be upgraded with this firmware to ensure reliable communications. Furthermore, for stitched conversion services (within the JunglePAX Tie node), the JMUX VT cards must use RDI (remote defect indication) to align the switching mechanisms across the network.

It is not mandatory for customers to upgrade all their CDAX unit's firmware to 3.12f. Instead, customer may selectively install this firmware at CDAX locations that have terminating VT's from JunglePAX nodes. At those locations, both left and right companion CDAX units should be upgraded with this firmware.

Customers shall enable "Evolution Mode" in the Main CDAX Unit's VistaNET GUI in both left and right cards at these locations.



Enable 'Evolution Mode' and 'Switch on RDI' for VT's facing an Evolution Module



## **LIMITATIONS**

The following limitations are known to exist within the unit's firmware and software

- Switch on RDI must be enabled when the VT1.5 is 'stitched' within the JunglePAX Tie node.
- No other known limitations exist. This firmware can interoperate with remote CDAX pairs running previous firmware versions.

## FIRMWARE UPGRADE PROCEDURE

A firmware upgrade facility will be provided. This will allow the user to upgrade the unit firmware via PC's USB-serial connection to CI port at front of the unit.

Please contact GE Multilin at <u>Lentronics.TechServices@ge.com</u> to receive the firmware upgrade facility.

#### **CONTACTS**

For additional details or technical assistance, you may contact:

**Customer Technical Service** 

Burnaby, BC Canada Phone: 1-604-421-8610

Lentronics.TechServices@ge.com