# B86485-02/-22

# 2$^{nd}$ Generation JIF-Share unit Release Notes

Document version:        2.04c

Release Date:             December 4$^{th}$, 2020

Type of Release:         Production Release

## Lentronics Multiplexers

JungleMUX SONET Multiplexers,

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# RELEASE SUMMARY

## PRODUCT/COMPONENT

- B86485-02 JIF-Share unit
- Board Issue: 2
- Flash Version: 2.04c
- FPGA Version: 3.18
- Xilinx checksum  00D71593
- Micro checksum  005E407C

## REQUIREMENTS

- VistaNET version 5.12 or better

## DOCUMENTATION CONTROL

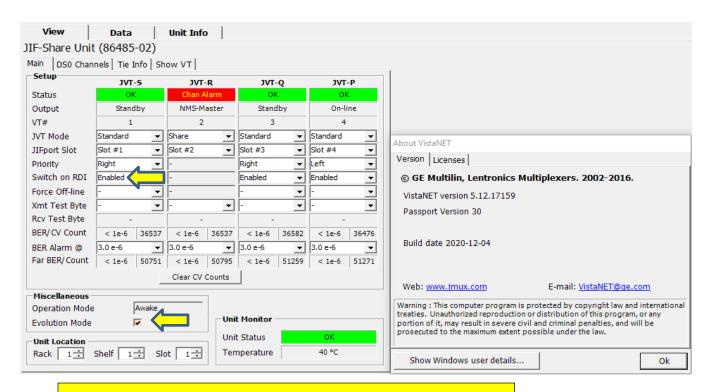| Version 1.00 | Initial Release | November 20th, 2014 |
| --- | --- | --- |
| Version 2.00 | Production Release | December 12th, 2014 |
| Version 2.04 | Production Release | December 4th, 2020 |

# RELEASE DETAILS

## NEW FEATURES

GE's new B86485-02 JIF-Share unit 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. JIF-Share 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 SOY to align the switching mechanisms across the network.

It is not mandatory for customers to upgrade all their JIF-Share unit's firmware to 2.04c. Instead, customer may selectively install this firmware at JIF-Share locations that have terminating VT's from JunglePAX nodes. At those locations, both left and right companion JIF-Share units should be upgraded with this firmware.

Customers shall enable "Evolution Mode" in the Main JIF-Share 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 JIF-Share 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 Lentronics@ge.com 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