B86485-02/-22

2nd Generation JIF-Share unit Release Notes

Document version: 2.04c

Release Date: December 4th, 2020

Type of Release: Production Release

Lentronics Multiplexers

JungleMUX SONET Multiplexers,



Copyright © GE Multilin 2021, All Rights Reserved

The copyright of this document is the property of GE Multilin. This document must not be copied, reprinted or reproduced in any material form, either wholly or in part, without the written consent of GE Multilin.

GE Multilin reserves the right to make changes and modifications to any part of this document without notice.

GE Multilin is not responsible for any damages or losses incurred as a result of out-of-date or incorrect information contained in this document.





TABLE OF CONTENTS

Table of Contents	2
Release Summary	
Product/Component	
Requirements	
Documentation Control	
Release Details	
New Features	
Limitations	5
Firmware Upgrade Procedure	5
Contacts	



RELEASE SUMMARY

PRODUCT/COMPONENT

• B86485-02 JIF-Share unit

Board Issue: 2

Flash Version: 2.04cFPGA Version: 3.18

Xilinx checksum 00D71593Micro checksum 005E407C

REQUIREMENTS

• VistaNET version 5.12 or better

DOCUMENTATION CONTROL

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



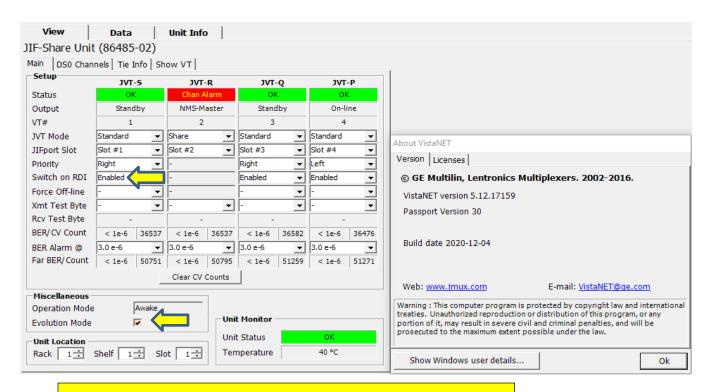
RELEASE DETAILS

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

Page 5



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