



# JMUX TO JPAX UPGRADE

## WHY UPGRADE?

### 1. Network Modernization

Offering native and emulated TDM & Ethernet over a hybrid transport platform, GE's JunglePAX is ideal for new grid modernization initiatives. GE also offers a comprehensive range of services to support network migration

### 2. Assured Performance of Critical, Time-Sensitive Applications

JPAX preserves the quality and reliability of its predecessor with best-in-class sub-millisecond latency for teleprotection. Fanless and certified to IEEE 1613, 61850-3, and 60834-1 teleprotection performance, JPAX is designed to work in the harshest of environments.

### 3. Increased Data Transfer Capacity

With 10 times the capacity of traditional SONET/SDH networks, JPAX supports 10/100/1000Mb/s Ethernet, TDM and 64kb/s traffic across an optical 1G/10G wide-area network.

### 4. Lower Operating Costs

With some JMUX networks nearing 20+ years of continuous operation, hardware replacement and maintenance costs are

increasing. Replacing existing JMUX networks with JPAX one node or ring at a time can be done as budget is available, without affecting traffic. JPAX utilizes existing JMUX interfaces to further save time and reduce capital expenditure by up to 20%.

### 5. Simplified User Experience

JPAX offers a simplified user experience, with fewer settings, cables, and required connections. Centralized and vendor-agnostic manageability tools further lower the complexity associated with multiple network management systems.

## UPGRADING MADE EASY

Self-paced migration strategies allow networks to evolve at a user-defined cost and pace. GE's JPAX network reuses existing JMUX application interfaces to reduce overall expenditure. With proven interoperability, migrating from JMUX to JPAX is as easy as plug-and-play, with no need for rewiring or updated system drawings. time with automated and simplified settings file conversion of legacy GE devices using the single setup and configuration software.

For more information, visit  
[governova.com/grid-solutions](https://governova.com/grid-solutions)