



# PRODUCT BROCHURE

**Software-Enabled** Transformation



# Product Family

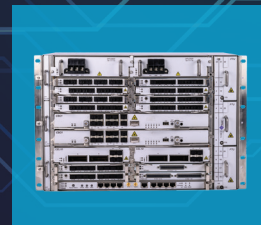


Portfolio of products for **Access,**  
**Edge, Metro and Backbone**

# TJ1400

## Ultra-Converged Broadband Products

- Compact **64 Gbps to 1 Tbps** next-generation packet transport platform with full front access and redundant configurations
- Integrated GPON, XGS-PON, **Multi-PON** and Carrier Ethernet product
- Range of back-haul solutions for **4G/LTE/5G**
- Advanced packet synchronization and circuit emulation features for pure-packet backhaul of 2G/3G voice and TDM services
- Integrated IPv4/v6, multi-cast and IP/MPLS L3 VPN
- Integrated pluggable WDM and grey optics



# TJ1600

## Multi-terabit Converged Optical Transport Products for Access, Metro and Long-haul

Supports OTN Switching, OTN/Ethernet/SONET/SDH/Fibre Channel transport, with a full suite of DWDM cards

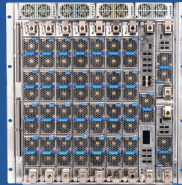
Versatile mix of services with DWDM transport ranging up to **1.2T\***

Multiple form factors ranging from 1RU to 11RU with full front access and redundant configurations. Common cards across chassis variants

Disaggregated OTN switching architecture with scalability ranging from 800G to 32T(OTN)

**100G/200G/400G** Alien Wavelength solution with proven multi-vendor interoperability

**Applications: Micro OTN, Inverse Mux, Demarcation device, 100G single fiber, SONET/SDH Gateway, DCI, Multi-Degree ROADM**



# TJ1400P

## Compact PTN Platform

- From 64G to 300G packet switch in 1RU platform
- Suitable for mobile backhaul, enterprise, business, cloud and infrastructure services
- Temperature hardened options: -40°C to +65°C
- Circuit Emulation Support
- Integrated pluggable WDM and grey optics



# Multi-PON/XGS-PON OLT

**Gigabit Fiber Broadband  
products**



- Range of versatile OLTs which are modular-upgradeable as well as fixed-configuration products
- Supports GPON, XGS-PON and **Multi-PON**
- Advanced multicast, IGMP features for efficient delivery of residential triple-play and video-on-demand services
- Support for resilient business and low bandwidth residential connectivity
- Third party OLT support
- Multi-Technology support : PON, TDM, Ethernet, Wireless

# GPON/XGS-PON ONT

**Gigabit Fiber Broadband  
products**

## GPON



Industrial POE



Home Gateway Unit



SFP ONT

## XGS-PON



10G Symmetrical Residential/Enterprise Gateway

- Multiple Ethernet and Voice ports; PoE (GE) ports for low latency video backhaul

- Wi-Fi (802.11n and 802.11ac), IEEE 802.11ac, SIP, POTS, Ethernet

- Turn any device into a PON ONT with PON-on-a-stick

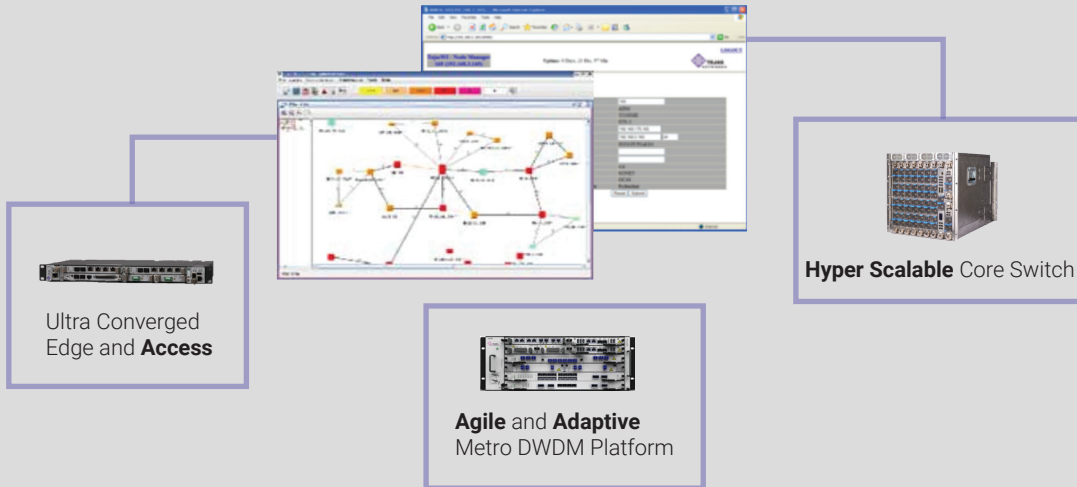
- Hardened or Industrial Options

- Inter-operable with third-party OLTs and Management Systems (TR-069)

# TejNMS

## Network Management System

Unified **SDN Ready Management** supports End to End Optical Network



- Single NMS for all Tejas products
- Simple point and click provisioning
- Full FCAPS function
- Integrated path computation engine
- Templates and wizards for simplified operations
- Standardized open northbound interfaces (TMF814, Restful API, Netconf/Yang)



# eNB/gNB Product Portfolio

**3GPP** compliant solution for high-capacity **FWA/BWA/mobile applications** with carrier-class redundancy

Customizable scheduling profiles for optimizing **latency, throughput, coverage or capacity** on a per cell basis

**5G-ready** for centralized RAN and fronthaul applications; future support for eCPRI

**Seamless integration** of access and transport functions in one product resulting in **space and power savings**

Comprehensive **EMS** can manage **eNodeB with full FCAPS support** and **NBI** to BSS/OSS systems



# L2/L3

## Ethernet Switch Portfolio



- Complete range of Ethernet switches for **enterprise, campus and industrial networks**
- Enhanced Carrier Ethernet features, **IP routing protocol support**
- Switches with industrial temperature options
- **Highly versatile** switch configurations possible with flexible port mix, stackability, power options and port speeds (**up to 100G**)
- **Energy-efficient** designs with low total cost of ownership

## Access

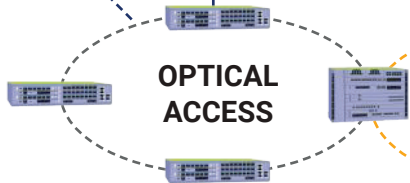
## Metro

## Core

2G/3G/4G/5G  
BACKHAUL

FIBER BROADBAND  
(GPON/XGS-PON)

TELCO  
EXCHANGE



**OPTICAL  
METRO  
(NX10G/100G/200G)**

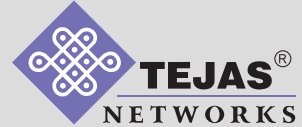
**OPTICAL  
LONG-HAUL  
200G/400G/600G**

BUSINESS  
SERVICE  
(CE2.0, IP VPN)

WIRELESS BROADBAND  
(LTE/4G/5G)

DATA CENTER

End-to-End  
Optical Networking Solution

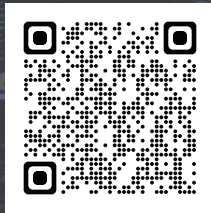


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