



PRODUCT BROCHURE

Software-Enabled Transformation



Product Family

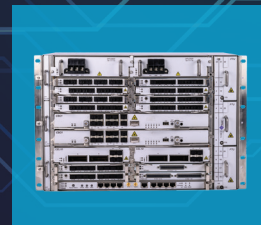


Portfolio of products for **Access,**
Edge, Metro and Backbone

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

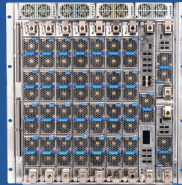
- Versatile mix of services with DWDM transport ranging up to **1.2T***

- 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



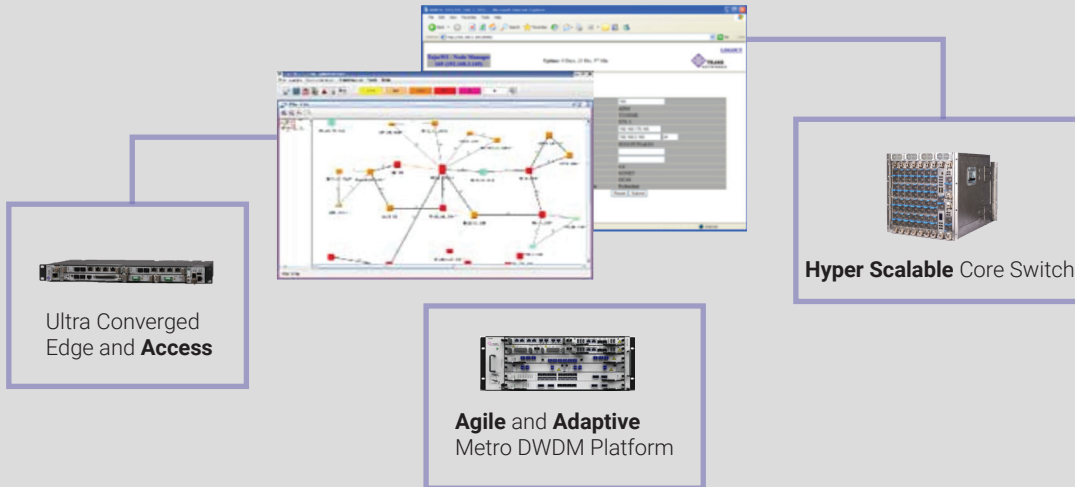
10G Symmetrical Residential/Enterprise Gateway

- 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

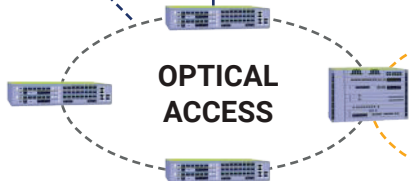
Metro

Core

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

FIBER BROADBAND
(GPON/XGS-PON)

TELCO
EXCHANGE



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

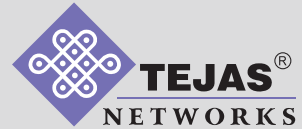
**OPTICAL LONG-HAUL
200G/400G/600G/1.2T**

BUSINESS
SERVICE
(CE2.0, IP VPN)

WIRELESS BROADBAND
(LTE/4G/5G)

DATA CENTER

End-to-End
Optical Networking Solution

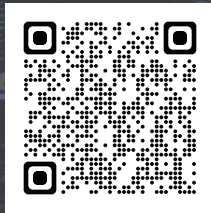


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