

## PRODUCT BRIEF

# PTM300

## Applications

As a Compact Modular device, the PTM300, is equally adaptable to both datacenter and service provider networks.

Its low profile, high capacity, high performance and full redundancy make it an ideal fit for any datacenter application from short reach campus networks to trans-continental connectivity and can even be deployed as submarine line terminal equipment (SLTE) at a cable landing station or inland data center.

- Datacenter interconnection
- Metro/Regional transport
- Long Haul/ULH transport
- Submarine transport

In addition to these use cases, PTM300 can also be used in regen applications as shown in Figure 1.

**Ekinops Photonic Transport Modular (PTM) 300 is the first in a line of optical transport systems purpose-built to be compatible with datacenter environments. Fully interoperable with existing Ekinops Optical Networking line systems, it can be deployed seamlessly into any Ekinops network to maximize service density and performance while minimizing service upgrade disruption.**

**Though originally designed for datacenter connectivity, Compact Modular systems are increasingly being deployed in service provider networks to take advantage of their high performance and service density. Combining the latest generation of coherent technology with open software, the PTM300 represents the future of optical transport functionality.**

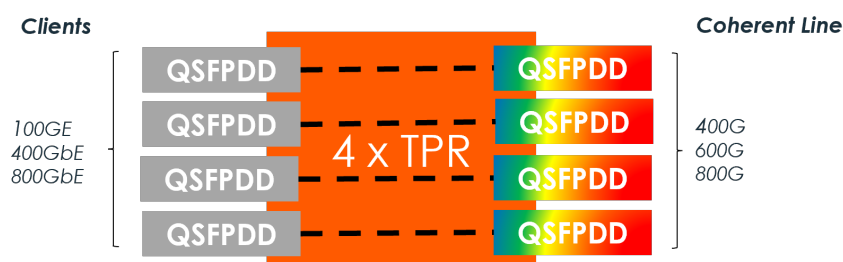
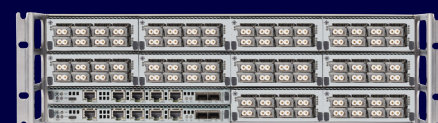


Figure 1: PTM300 regen application using SMS\_800QFR04 quad 800G transponder

## Product Details

- 12 slots—10 for service cards and two for redundant controller cards
- AC and DC powered versions for DC, enterprise or CO deployment
- Front-to-back airflow
- Up to 2700W power dissipation
- Dual redundant power supplies for maximum reliability
- Four fan redundancy
- OpenConfig-based management with NETCONF/YANG interface





## Benefits

- Ultra-high density—3RU Compact Modular chassis with client and line side capacity each up to 32T
- Carrier-class reliability in a data center form factor
- Reduced CAPEX—requires fewer modules/chassis for any given capacity requirement
- Reduced OPEX—same management Celestis NMS tools as existing optical networking platform; no license fees for line/port upgrades
- Open configuration—Combine line system and service elements in the same shelf or compartmentalize based on function
- Open APIs for deployment in any standards-based OpenConfig management environment
- Fully interoperable with existing Ekinops optical network solutions

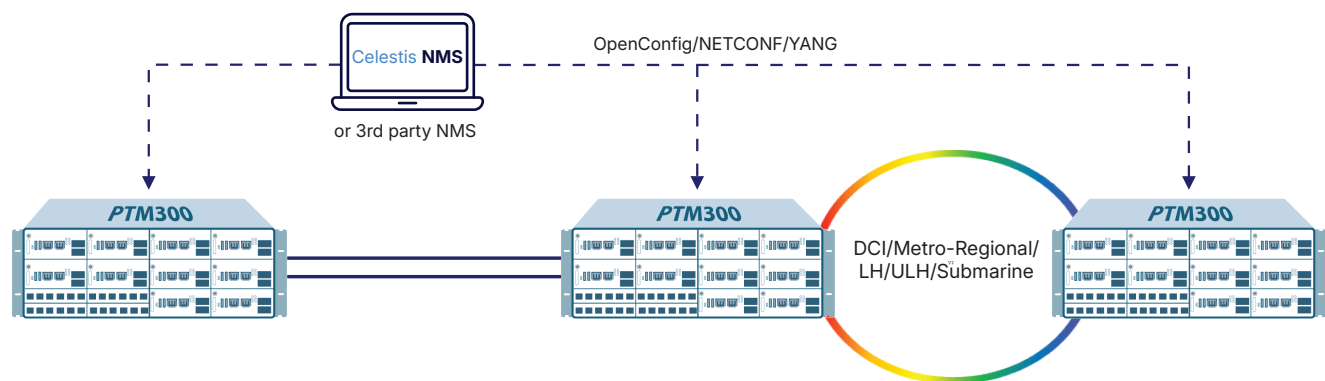


Figure 2: PTM300 in point-to-point and ring-based networks

## About Ekinops

Ekinops is a European leader in optical networking and secured connectivity solutions for service providers, enterprises and public organizations around the world.

Ekinops designs, develops and manufactures high-performance solutions with cutting-edge software used to deliver high-bandwidth connectivity and managed services in over 70 countries worldwide.

Ekinops leads in the areas of:

- Advanced coherent optical networking for all metropolitan, regional, long-distance and datacenter interconnection applications
- Secured connectivity solutions for enterprises, from voice and data routing devices to Secure Access Service Edge (SASE) capabilities, including ZTNA (Zero-Trust Network Access), SD-WAN, and SSE.

Ekinops operates globally and is listed on Euronext Paris (FR0011466069 - EKI).

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