

Fully integrated SONET ADM and Ethernet switching in a rugged shelf

Affordable delivery of Ethernet, DS1, DS3, and OC-3/12 services from a compact 2RU system

Utilizes GFP and VCAT for efficient Ethernet over SONET transport

### A Flexible Multiservice Edge Multiplexer

The TraverseEdge™ 206 (TE-206) is flexible edge multiplexer that integrates SONET ADM and Ethernet switching capabilities in a rugged 2RU high shelf. With its support for a mix of SONET, Ethernet and TDM services, all of which can be fully protected, the TE-206 is optimized for applications in a variety of environments. The TE-206 has been certified by the MEF as supporting standard E-Line (point-to-point) and ELAN Ethernet services. The NEBS-compliant, fully redundant architecture of the TE-206 provides:

- Fully protected high-speed optical (OC-48) trunks
- Fully protected Ethernet services
- Fully protected DS1/DS3 services and
- Fully protected OC-3/OC-12 services



### Packing Many Services Into Very Little Space

The TE-206 is a 2-slot, 2-RU high shelf that can operate in a single-module, unprotected configuration, or an optional dual-module configuration that provides full 1:1 protection for all ports and common components. Each module provides 4 FastE, GbE, OC-3 or OC-12 front access ports, selectable on a per-port basis by simply installing the appropriate Small Form-factor Pluggable (SFP) interfaces, plus 4 FastE, 14 DS1, and 3 DS3 rear-access ports. Each module also includes an SFP optical port for high-speed OC-48 ring connectivity. Using SFPs and the identical module for both working and protect reduces engineering and sparing costs.

### Versatility and Reliability

The versatile, reliable design of the TE-206 makes the platform ideally suited for metro access deployments in central offices, co-location sites, and multi-tenant units (MTUs). Because the TE-206 is environmentally hardened (without fans), it can also be deployed in outside plant cabinets, cell sites and other extreme environments. In these deployments, the TE-206 complements Force10 Network's flagship Traverse® Multiservice Transport Switch and other TraverseEdge products.

### Key Features

- Ethernet Rapid Ring Protection (ERRP) provides restoration for packet services in <50ms
- Carrier-class design provides full protection for all ports/services and common components
- SFP transceivers provide flexible connectivity for optical Ethernet & OC-N interfaces
- Ideally suited for metro access as well as OSP and cell site deployments
- Compliments Force10's Traverse® Multiservice Transport Switch



