

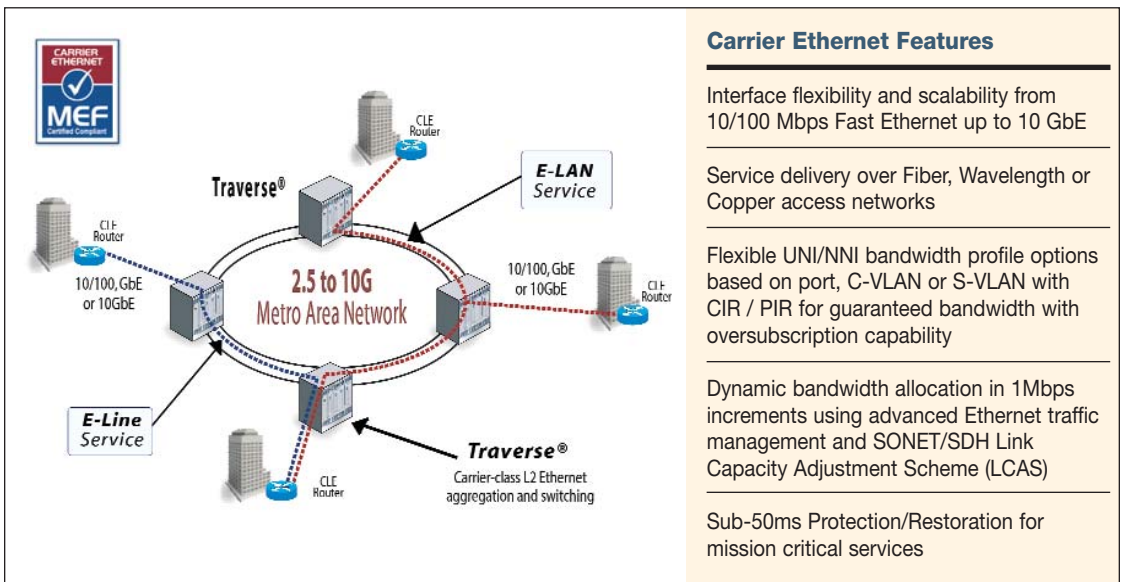
# Ethernet Service Delivery and Transport

## Ethernet Service Delivery And Transport

All service providers are either currently deploying or are planning to deploy Ethernet services. But what are Ethernet services, and what are the challenges to cost effectively deliver them? Ethernet services, unlike IP services, enable service providers to connect two or more locations using Layer 2 Ethernet as the service delivery technology – resulting in lower OpEx when compared to delivering comparable services using IP or IP/MPLS technologies. Since over 95% of subscriber traffic starts on Ethernet, Enterprise subscribers have embraced Ethernet as the logical choice for MAN and WAN interconnections.

Ethernet has evolved from its origins as an Enterprise LAN technology to a robust service delivery technology for metro and wide area networks. The advanced Ethernet switching capability of Force10's Traverse family combines the flexibility and performance of Ethernet with the well-established reliability, service management and OAM capabilities of SONET/SDH transport. The Traverse family of products enable service providers to deliver the complete spectrum of MEF-certified E-Line (point-to-point) and E-LAN (multipoint) and E-Tree (point-to-multipoint) services and infrastructure today, without compromise.

Force10 Networks' provides the industry's leading solutions for delivering flexible and reliable MEF-certified E-Line, E-LAN and E-Tree Carrier Ethernet services to Business customers.



### Carrier Ethernet Features

Interface flexibility and scalability from 10/100 Mbps Fast Ethernet up to 10 GbE

Service delivery over Fiber, Wavelength or Copper access networks

Flexible UNI/NNI bandwidth profile options based on port, C-VLAN or S-VLAN with CIR / PIR for guaranteed bandwidth with oversubscription capability

Dynamic bandwidth allocation in 1Mbps increments using advanced Ethernet traffic management and SONET/SDH Link Capacity Adjustment Scheme (LCAS)

Sub-50ms Protection/Restoration for mission critical services



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