

# METRO ETHERNET

## Efficient, Scalable and Optimized Network Performance

Alpheus Metro Ethernet (MetroE) service provides transport that is less expensive and faster than legacy network protocols for connecting single or multi-location customers. Alpheus offers Metro Ethernet solutions to address a wide range of Layer 2 networking needs, including point-to-point, point-to-multipoint, and any-to-any WAN connectivity.

## The Alpheus Advantage

Ethernet is rapidly becoming the transport architecture of choice because it is a superior platform for the convergence of Internet, data, voice, and video. Ethernet is also ideal for the backhaul of mobile voice, data, and multimedia traffic. Alpheus deployed a carrier-grade MPLS network, and developed a “last-mile” tool kit that utilizes Ethernet over fiber, Ethernet over copper, Ethernet over NxDS1 / NxDS3, and Ethernet over wireless technologies.

Alpheus’ Ethernet service has the power to span metropolitan and regional footprints with highly scalable solutions, removing the bottleneck between the LAN / WAN and comes with superior customer support and a 24x7x365 world-class Network Operations Center (NOC).

## Benefits of Alpheus Ethernet

- Redundant connectivity over a self-healing DWDM fiber backbone
- Improved scalability from 1 Mbps to 10 Gbps for improved efficiencies
- Higher security control than public Internet solutions
- Flexible interfaces including 10/100 FE, GigE and 10 GigE
- Operations, administration, management and provisioning efficiencies
- Native Ethernet solutions for uncomplicated IP support and trouble-free network convergence
- Custom network configurations



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A BUSINESS-CLASS BACKBONE FOR TEXAS