

# Ethernet Services



Simplify, extend and enhance the performance of your network with the power of Ethernet Services.

Our broad portfolio of Ethernet Services provides simple, cost-effective ways to connect business locations and deliver applications, data and information. By applying our expertise, your traffic can flow seamlessly over your Local Area Network (LAN) and Wide Area Network (WAN) with the performance, flexibility, and reliability that your business requires.

## BENEFITS

- **Simplify Network Management** — unify your LAN and WAN
- **Connect More Locations** — with the extensive XO network footprint and multiple access options
- **Increase Performance** — accelerate speed of applications and data with strong customer Service Level Agreements (SLAs)
- **Gain Scalability** — easily increase bandwidth as your needs grow, with options ranging from 3 Mbps to 100 Gbps

FOR MORE INFORMATION, CONTACT YOUR XO REPRESENTATIVE, VISIT [XO.COM](http://XO.COM) OR CALL **866.349.0134**



## The Network to Connect Your Locations

At XO, we combine our unique nationwide reach and multiple local network access capabilities to deliver Ethernet Services to hundreds of thousands of business locations throughout the United States. With one of the largest Ethernet footprints in the U.S., XO employs a host of connectivity technologies to maximize coverage and meet network diversity needs. These access options include:

- On-net fiber
- Ethernet over Copper (EOC)
- Ethernet over DS1/3
- Fixed Wireless
- External Network-Network Interfaces (E-NNI)

All of these technologies work seamlessly with all XO services including basic transport, such as Ethernet Private Line or Ethernet Access, Internet access, MPLS IP-VPN, VPLS or Voice over IP (VoIP) services.

## Ethernet Services

Our services give you the flexibility to build an Ethernet-based network that best matches your needs, whether it is an Ethernet WAN, a point-to-point connection between data centers or Ethernet access to deliver XO services.

**XO Ethernet VPLS** – Conforms to MEF Ethernet Virtual Private LAN (EVP-LAN) service requirements. Provides multipoint-to-multipoint Ethernet WAN for enterprises to connect key locations, transport special applications with protocol transparency, and maintain separation of different network domains.

**XO Ethernet Private Line** – Conforms to MEF Ethernet Private Line (EPL) service requirements. Provides point-to-point Ethernet connectivity ideal for businesses looking for dedicated bandwidth between office locations.

**XO Ethernet Hub** – Conforms to MEF External Network-Network Interface (E-NNI) and Ethernet Access EPL or EVPL, depending on desired Virtual LAN (VLAN) tagging. Provides point-to-multipoint Ethernet to connect remote branch locations or offices to centralized headquarters and/or data centers.

**Ethernet Access** – Provides affordable, scalable Ethernet access to deliver XO IP-based services. Ethernet Access to IP services is burstable up to 100 Gbps to easily accommodate unpredictable spikes in traffic.




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*MEF is a global industry alliance that develops Carrier Ethernet architectural, service, and management technical specifications and implementation agreements to promote interoperability and deployment of Carrier Ethernet worldwide.*

**XO Communications** provides the technology that helps business and wholesale customers compete in a hyper-connected economy. In the U.S., XO owns and operates one of the largest IP and Ethernet networks that customers rely on for private data networking, cloud connectivity, Unified Communications and voice, Internet access, and managed services.

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