

XO[®] ETHERNET SOLUTIONS

When your organization relies on data, or the Internet, to deliver intensive applications, Ethernet provides the simplest and most cost effective way for your information to flow seamlessly throughout the network. Use Ethernet to extend your Local Area Network or extend your Wide Area Network to your locations within and between cities, or across the country.

At XO Communications, we combine our unique nationwide reach and multiple access capabilities to offer businesses easy-to-use, affordable and flexible Internet connectivity. To extend your applications and transfer data among locations, buy the guaranteed bandwidth options you need—ranging from 10Mbps through 10Gbps.* Plus, gain the flexibility to upgrade bandwidth options quickly as you grow. All so you can save money, simplify your network, and improve productivity.



Winner, NXTComm Eos
Excellence of Achievement
Award for Best Backbone/
Core Network, 2007



With XO Ethernet Solutions, you:

Access the preferred, standards-based Ethernet protocol—to operate your data applications

- *Increase your productivity*—with the capability of transferring large data files at consistent speeds on a single network
- *Save money*—because XO typically provides more bandwidth at a lower cost per megabit than traditional private line services
- *Simplify your network management*—because Ethernet is easy to install, upgrade, and maintain
- *Scale bandwidth speed as you need it*—to keep pace with the demands of your growing business, since Ethernet is more scalable than traditional Time Division Multiplex (TDM) services
- *Boost the efficiency and performance of your network and applications*—because you no longer need to convert data to other formats such as Frame Relay or Asynchronous Transfer Mode (ATM) to transport it, and then convert it back to Ethernet for the “last mile” connection
- *Ensure optimum speed performance when sending data between locations*—because your data travels at consistent Local Area Network (LAN) speeds over guaranteed
 - bandwidth from dedicated full port to dedicated full port
 - across the entire network

* Not all connection types and speeds are available at all locations. Ask your XO sales representative to qualify your locations for Ethernet connectivity.

** Available through Copper and Broadband Wireless access.

XO Ethernet Solutions:

- *Reduce the costs and responsibility of buying, configuring, and managing additional equipment*—since XO handles all ongoing configuration and network management of the Ethernet transport
- *Support converged applications*—like Internet Protocol (IP) and IP-Virtual Private Network (IP-VPN) services
- *Enable faster, easier network upgrades*—than you would
 - with other high bandwidth transport solutions such as T1, T3, Frame Relay or ATM
- *Enhance the image of your organization among your target audiences*—because you can rely on high performing XO Service Level Agreements (SLAs) to help you avoid network interruptions
- *Fulfill Network Redundancy and Diversity Requirements*—to comply with network redundancy and diversity requirements including government Continuity of Operations (COOP) mandates
- *Rely on 24x7 customer service and proactive network monitoring*—so you no longer need a large technical support staff to realize the benefits of broadband LAN interconnection
- *Simplify your networking administration*—by gaining everything on one invoice, through one provider

More Benefits

- Scalable solution that keeps pace with the needs of growing businesses
- Optional unprotected Single Fiber, point-to-point service available **
- Use to transport High Speed Dedicated Internet Access or XO Multi-transport Networking Service (MTNS) or IP-VPN Layer 3
- XO-managed services
- Eliminate the need for customer-owned Customer Premise Equipment (CPE)—unless requested by customer
- Demarcation: customer-facing port on the XO-transport Customer Premises Equipment (CPE)
- Ideal for businesses who require redundant and diverse connectivity options to comply with disaster recovery or business continuity plans
- Select point-to-point (E-Line), any-to-any (fully meshed E-LAN), or one to any (hub/spoke configuration)
- Layer 2, customer-managed services—to connect your networks in one or more Metro areas together
- Support standard IEEE 802.3-compliant LAN protocol interfaces
- Protected SONET or Wavelength Division Multiplexing (WDM) service **

* Not all service types available with Ethernet transport in all locations.

** Fiber access only.

Connectivity

- *Fiber*—10 mbps, 100 mbps, 1000 mbps (GigE) and 10Gbps
 - **NEW!** 20 mbps, 30 mbps, 40 mbps, 50 mbps, 60 mbps, 70 mbps 200 mbps, 300 mbps, 400 mbps, and 500 mbps available in 9 cities
- *Copper loops or trunks*—10 mbps copper or DS-1; 44 mbps, 88 mbps, and 100 mbps DS-3 options
 - **NEW!** 15 mbps and 20 mbps available in 9 cities
- Broadband wireless—10 mbps, 100 mbps Ethernet

Service Level Agreements

- *Fiber*—99.999% protected; 99.99% unprotected; latency < 2 ms; guaranteed bandwidth: port-to-port, full duplex port speeds at Layer 2
- *Copper loops or trunks*—99.99%; latency < 2 ms; guaranteed bandwidth: port-to-port, full duplex port speeds at Layer 2
- *Broadband wireless*—99.99%; latency < 2 ms; guaranteed bandwidth, port-to-port, full duplex port speeds at Layer 2

Contact XO[®]

For more information, contact your XO Sales Representative today.

