

Your Wide Area Network Just Got a Whole Lot Wider.



**Rely on XO for networking solutions that will
enhance your business today and tomorrow.
Contact your local XO sales representative or
visit us at www.xo.com today.**

866-963-9696 www.xo.com



XO Communications

© Copyright 2007 XO. All rights reserved. XO and the XO design logo are registered trademarks of XO Communications

BSETHBR00207



Ethernet Solutions

Networking With Ethernet is Easier Than Ever Before

When your business relies on data, or the Internet to deliver intensive applications—like multimedia presentations, digital libraries, imaging, Intranet or Extranet websites—Ethernet provides the simplest and most cost effective way for your information to flow seamlessly throughout the network.

Until now, Ethernet required fiber-optic connections between buildings. With only about 10% of buildings reached by fiber, extending your Local or Wide Area Network across town, or across the country using Ethernet, was not practical. If your network needed to connect multiple locations, you were often forced 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. These conversions could decrease the efficiency and performance of your network and applications because they increase the chances of latency, jitter and packet loss in your network.

As one of the nation's largest business communications service providers, XO Communications is now bringing the benefits of Ethernet to more businesses than ever. XO® is expanding its Ethernet footprint 50-fold to make Ethernet connectivity available to hundreds of thousands of businesses. Plus, XO provides fiber, loops or trunks, and wireless access* to reach more of your business locations through Ethernet. All so you can save money, simplify network management, and increase productivity.

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

Ethernet— the Preferred Networking Solution



Ethernet is the most widely used networking solution for businesses that require high bandwidth solutions. Here's why:

It's easy to use

Ethernet is the industry standard (IEEE 802.3) for connecting computers to an Internet provider, to other computers on a Local Area Network or to connect Local Area Networks to each other. It's a simple, plug-and-play solution that can be easily managed.

It's cost effective

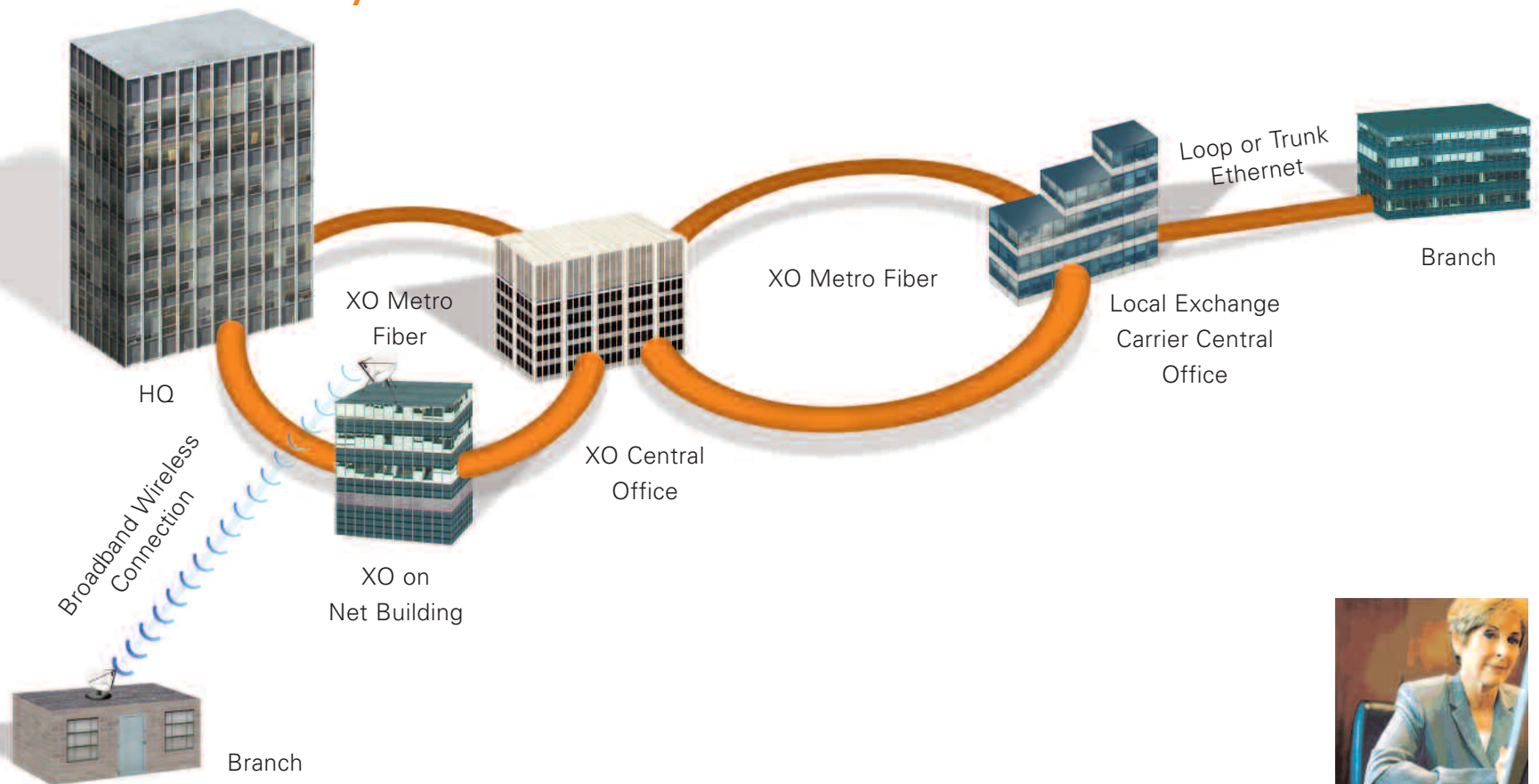
Ethernet is less expensive than older, alternative network technologies such as Frame Relay or ATM. And there's no need to invest in equipment that converts packets of information throughout the network.

It's flexible

Ethernet enables businesses to add to or "scale" bandwidth on demand.



More Ways to Connect With Ethernet

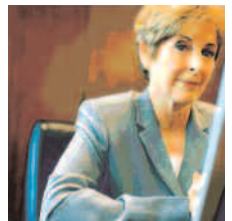


Unlike other carriers, XO® combines a wide national footprint and multiple access capabilities to offer Ethernet transport to more locations than ever before. Since traditional Ethernet transport required fiber optic connections, Ethernet was an unfeasible solution for most businesses. XO can now reach hundreds of thousands of business locations* through a combination of access capabilities: fiber, copper loops or trunks, and broadband wireless connections.

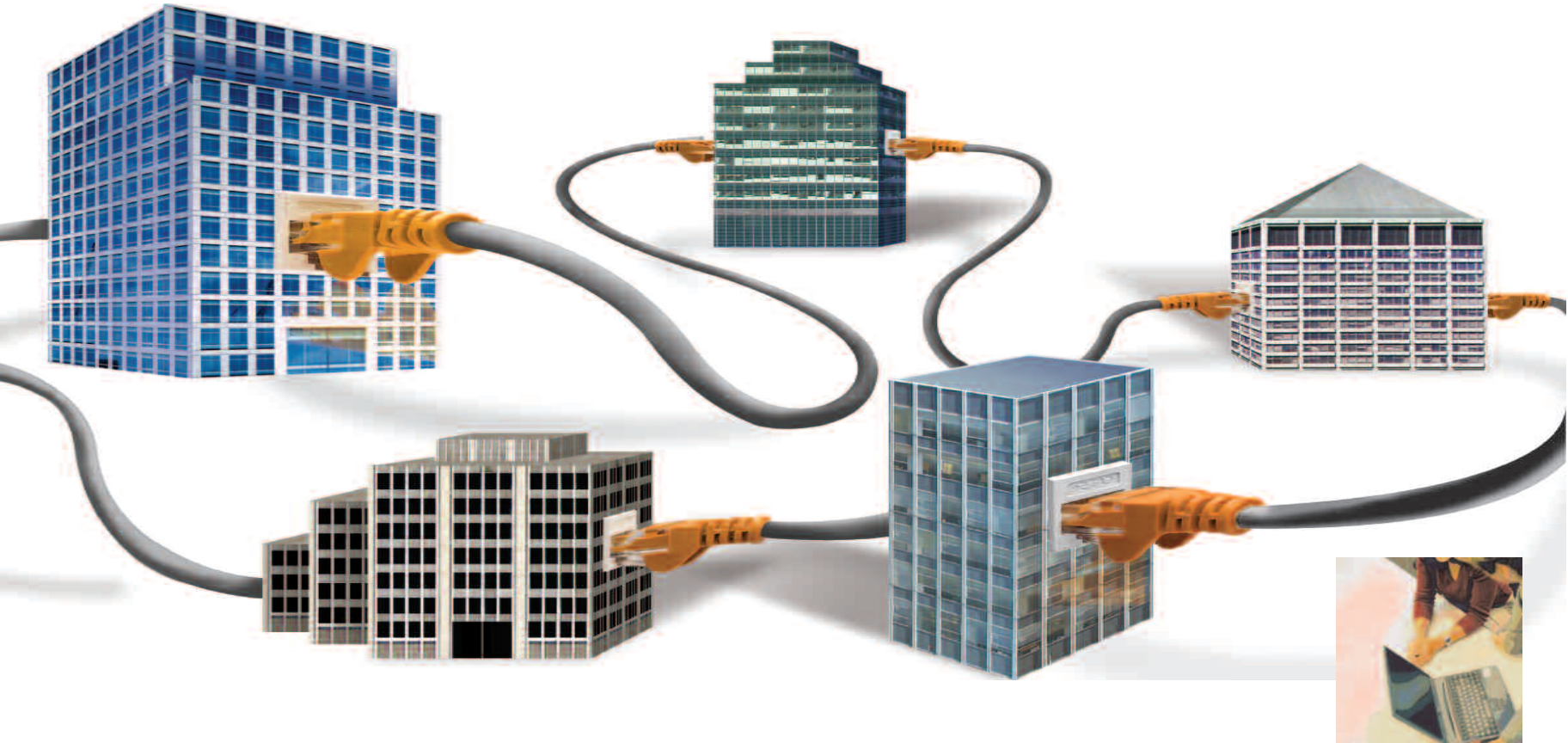
- Fiber—Fiber optic connections have traditionally been the only way to provide Ethernet services to businesses. With one million metro fiber miles, an 18,000 route mile, inter-city network and more than 3,000 fiber-lit buildings, XO is a leading facilities-based service provider.
- Copper Loops and Trunks—XO is rapidly expanding Ethernet coverage by enabling Mid-Band Ethernet capabilities in hundreds of incumbent provider central offices nationwide. This exciting new capability allows XO to deliver Ethernet services to more locations than ever.
- Broadband Wireless—XO is the nation's leading licensed holder of broadband wireless spectrum and a leading provider of high speed wireless "last mile" connectivity. Broadband wireless technology allows XO to provide point-to-point, carrier grade wireless connectivity in many locations.

With so many options, XO is making Ethernet the most practical, cost-effective solution for extending your Local and Wide Area Network as well as transporting voice and data services.

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



Extend Your Network With Ethernet



With XO[®], you can now use Ethernet transport to extend your Local Area and Wide Area Networks. Enable and manage your own applications, across town or across the country, just like you manage the network in your office. Typical transport applications* include:

- **Private Line**—or Ethernet Line (E-LINE) point-to-point or point-to-multipoint connections to connect a business to an Internet Service Provider or to connect two business locations within a Local Area Network
- **Metro Ethernet LAN Extension**—multipoint-to-multipoint or Ethernet Local Area Network (E-LAN) or Metro Area Network (MAN) connections of multiple locations within a metro area.

- **Wide Area Networks**—multipoint-to-multipoint or Ethernet Wide Area Network (E-WAN) connections of multiple, geographically dispersed locations across two or more metro areas
- **Virtual Ethernet Local Area Network or Wide Area Network**—multipoint-to-multipoint connections of multiple sites to other Ethernet sites using a Layer 2 (Multitransport Networking Service) or Layer 3 (Internet Protocol Virtual Private Network) networking service.

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



Trim Costs and Boost Productivity

Customer
Applications &
XO Solutions



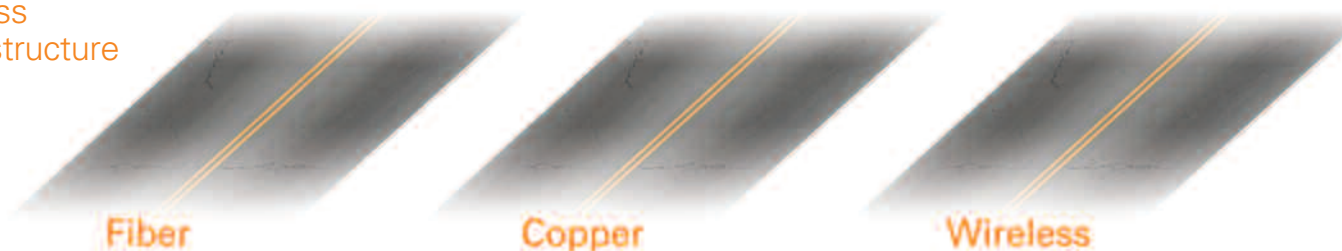
Customers use Ethernet to carry their own applications, or XO voice and data solutions

Transport



XO delivers Ethernet from 10 Mbps to Gig-E

Access
Infrastructure



XO can deliver Ethernet access three ways nationwide

Ethernet Voice and Data Solutions

In addition to carrying your own applications, XO® also provides a variety of Ethernet-enabled Voice and Data Solutions for your business. These solutions meet the unique needs of businesses while using Ethernet as the underlying transport mechanism. Use XO Ethernet solutions for Internet access, private line, converged IP and IP-VPN services that:

- Save your business money by providing more bandwidth at a lower cost per megabit
- Simplify network management because Ethernet is easy to install, upgrade, and maintain
- Increase your productivity with the capability of transferring large data files on a single network.



XO Communications the Proven Provider

XO® is one of the only facilities-based providers with the nationwide reach and local presence to offer a cost-effective alternative to the incumbent telephone companies. XO has one of the highest capacity IP backbones in the industry, capable of delivering data at the fastest speeds available today. Plus, we provide coast-to-coast voice and data services on our secure, private OC-192 IP network. Our network also features:

- Fiber and wireless capabilities in 75 major metro markets in 23 states
- 37 metro networks
- 950+ collocations
- One million metro fiber miles and an 18,000 route mile inter-city network
- 3,000 on net buildings
- Direct access to the Internet through 100+ Tier One Internet peering partners.

XO Communications serves more than 65 percent of Fortune 500 companies along with state, local and federal governments.



XO Solutions Using Ethernet Transport

Private Line— a dedicated and secure point-to-point connection that is used to instantly transmit time-sensitive, mission critical data over high bandwidth speeds

High Speed Dedicated Internet Access (DIA)— a reliable and affordable 10 Mbps dedicated connection that connects your business to the Internet

Metro Ethernet— a service that connects voice or high-bandwidth data Local Area Networks within and between metro areas together on one network, with consistent speeds between locations and the flexibility to expand bandwidth as your business grows

MultiTransport Networking Service (MTNS)— a private data network that uses MultiProtocol Label Switching (MPLS) for a direct connection between two Ethernet ports or to connect multiple sites together using Virtual Local Area Network (V-LAN) tagging protocol

Network Based MultiProtocol Label Switching (MPLS)-Enabled IP VPN— a Wide Area Networking solution with site-to-network connectivity for multi-location businesses that require secure T-1 or higher services; and that offers more bandwidth for the dollar, multiple classes of service for improved application performance, and lower network operating costs than traditional Wide Area Networking or Customer Premise Equipment-based VPNs

Network Based IP-VPN Services with XOptions® Flex (*coming in 2007*)— a bundled package of communications solutions for your business that includes local voice with unlimited local calling, an extra-generous number of long distance and inbound toll-free minutes, Internet access and web hosting at a flat monthly rate, and is available at different Class of Service levels