



XO[®] MPLS IP-VPN

Tap the power of the intelligent wide area network solution

Simplify network management, lower operating costs, and accelerate the performance of applications for end users across your wide area network. With the high-performance XO MPLS IP-VPN service, you can focus on business applications and spend less time managing your network.

Benefits

- **Superior Performance:** with robust Classes of Service that prioritize network traffic according to the level of importance you assign, and outstanding Quality of Service guarantees
- **Cost-Effectiveness:** converge separate voice, video and data networks onto one application-aware IP network and maximize bandwidth utilization
- **Privacy:** completely separate your traffic from the public Internet so you confidently share files and data among multiple locations and end users
- **Extensive coverage:** connect local, national and key international locations leveraging the extensive XO network footprint
- **Management:** free up your IT resources and spend more time devoted to your core business
- **Wireless Backup:** helps you maintain 100% uptime with automatic failover and restoration of network connections supporting critical point-of-sale and data

Overview

XO MPLS IP-VPN service is an application-aware, private wide area network solution that enables you to connect multiple locations, and deliver mission-critical applications such as VoIP, business applications, and video across your enterprise with maximum performance.

XO MPLS IP-VPN helps you:

- Securely connect all of your locations onto a private network
- Lower your network operating costs by converging voice, video, and data onto a single, application-aware IP network infrastructure
- Prioritize all types of network traffic for guaranteed quality of service for low latency, low jitter and high availability
- Preserve bandwidth for critical business applications
- Simplify network management
- Enable network access for multiple types of end-users—traveling employees, telecommuters, suppliers, partners or customers
- Maximize existing infrastructure because there is no need to purchase, update or maintain expensive equipment
- Help accelerate network response times

Extensive Coverage

XO MPLS IP-VPN is delivered using the XO Tier 1 IP MPLS nationwide network, which is designed to provide maximum coverage and scalability:

- Service in more than 75 metro markets nationwide and global service delivery to your locations in more than 23 countries across five continents
- Multiple access methods via fiber, Type II Ethernet (over serial or copper), and broadband wireless access
- Speeds that range from 1.5 Mbps to 10 Gbps, depending on access
- Broad range of incremental bandwidth choices that allow you to scale more bandwidth when needed

With the industry's largest deployment of Ethernet over Copper access in more than 75 metro markets, XO Communications can affordably connect more of your locations to the private network with highly scalable and cost-effective Ethernet access. Frost & Sullivan recognized XO Communications with the 2009 Emerging Company Award for IP-VPN services specifically because of XO Communications' strategic investment in Ethernet over Copper technology.

Achieve Superior Performance

XO MPLS IP-VPN leverages the high-performance XO IP MPLS network to give you tremendous flexibility in maintaining superior applications performance across your enterprise wide area network (WAN).

Benefit from multiple Class of Service options at a single flat monthly rate for all four Classes:

- Real Time
- Critical
- Priority
- Standard

What's more, you have the flexibility to use your entire port for traffic in all classes, including real time class, at any time.

In addition to the Class of Service settings you specify, you can be confident of Quality of Service guarantees.

XO Applications Performance Management

XO Applications Performance Management is a suite of analytical tools that help network administrators optimize the performance of your XO MPLS IP-VPN service with real-time visibility into every facet of your network and all of the applications that run over the network, including VoIP. XO Applications Performance Management is one of the industry's most comprehensive solutions to help you analyze and predict the performance of different applications you use every day across the enterprise.

Bundle Services in One Networking Solution

XO MPLS IP-VPN service allows you to combine multiple services across



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a single circuit for the greatest cost efficiency and network optimization:

- Separate different types of traffic with single or multiple departmental domains
- Combine with XO Enterprise SIP to deliver VoIP services across your wide area network, or with XO IP Flex, the award-winning VoIP services bundle that also includes Internet access and hosting services for a complete network solution that has access to all four Classes of Service at one flat rate from a single provider

Wireless Backup

With the XO Wireless Backup option, you can maintain 100% uptime with automatic failover and restoration of network connections supporting critical point-of-sale and data applications. Wireless Backup uses a separate carrier, separate technology and separate network for true resiliency. Gain exceptional coverage and speeds of a leading 3G mobile broadband carrier; as well as modem management and monitoring.

Management Options

XO Communications will custom design your network to meet specific requirements for management. Your XO MPLS IP-VPN service can be:

- Fully managed
- Co-managed
- Self-managed

Since XO MPLS IP-VPN is a network-based solution, you can simplify requirements for customer equipment and spend less time managing your network. Round-the-clock monitoring of facilities and equipment further reduces your total cost of ownership in network infrastructure.

Industry Standards and Protocols Supported

XO MPLS IP-VPN:

- Carries all types of IP traffic
- Supports voice, video and data traffic in one solution

- Supports Point to Point Protocol (PPP) and Frame Relay
- Is a Cisco Certified Cisco TelePresence connection

The Secure, Smart and Managed Wide Area Network Solution

XO MPLS IP-VPN uniquely fuses vision with technology to create the intelligent network for your enterprise WAN.

Get a Complimentary Network Analysis

Find out if XO MPLS IP-VPN is the best solution for your organization. Contact your local XO sales representative today.



Frost & Sullivan 2009
Emerging Company of the
Year in the MPLS
IP VPN services category



Cisco Certified
TelePresence
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About XO Communications

XO Communications, a subsidiary of XO Holdings, Inc. (OTCBB: XOHO), is a leading nationwide provider of advanced communications services and solutions for businesses, enterprises, government, carriers and service providers.

XO customers include more than half of the Fortune 500, in addition to leading cable companies, carriers, content providers and mobile network operators. Utilizing its unique combination of high-capacity nationwide and metro networks and broadband wireless capabilities, XO offers customers a broad range of managed voice, data and IP services with proven performance, scalability and value in more than 75 metropolitan markets across the United States.



For more information, call your XO sales representative, visit www.xo.com or call: **866.349.0134**

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