Your company network is the company’s vital circulatory system that quickly moves information to people—so they can make informed decisions about ways to accelerate your business innovation and growth.

Information is fast becoming the new currency in an increasingly digital business environment. Companies need to quickly draw conclusions from huge amounts of data, then act swiftly to stay ahead of their competition.

Whether this data resides in one cloud, or across multiple clouds, it will increasingly be accessed over high-speed, dedicated network connections.

If the cloud is the computing platform for all of this information, your company network is the bridge that connects people to it. As such, your company’s network infrastructure:

- Grants and provides access to the data, whenever and wherever it’s needed
- Is at the heart of everything your business does, every day
- Keeps the business up and running smoothly
- Helps business applications perform to meet expectations
Why XO for Network Enabled Cloud?

The XO Network Enabled Cloud Solution is a complete and seamless integration of a secure company network combined with dynamic tools such as Bandwidth on Demand, Class of Service, and other network performance management applications. It makes it possible for businesses that rely on data-driven decisions to support the execution of a comprehensive, integrated multi-cloud and networking strategy.

By directly integrating your network with your cloud services, you will be able to improve security for your data and applications as well as ensure performance of everything delivered through the cloud—from Unified Communications to mobility to stored data to cloud computing. Your network is critical to delivering on the promise of cloud: efficiency, agility, automation, affordability, and economies of scale.

Since XO can create a virtual network for you using equipment at the edge of our network, you don’t have to buy expensive devices to connect each of your business locations. We’ll help you design the right network for your business, based on your unique needs to:

- Maintain total control over all or part of your network
- Work with an existing IP-VPN data network in place
- Enhance your overall network security
- Deploy bandwidths ranging from 1.5 Mbps to 10 Gbps to power your company’s applications.

XO provides you with the expertise to ensure that you have the technology you need to compete, the agility to quickly implement the solutions that address your most important needs, and the insights that empower you to connect—and advance—with confidence.

Build Your Wide Area Network

MPLS IP-VPN

Create a Managed Network to Carry IP Applications

Connect geographically diverse locations over your own application-aware network that reliably delivers Voice over IP (VoIP), video, data and business applications. MPLS IP-VPN service works well for companies that may not have the IT staff to manage sophisticated routing tables, and prefer to outsource network routing and management to the communications service provider. XO will route your IP traffic, using the Class of Service prioritization guarantees you choose, to maintain consistent availability, reduce delays and decrease network jitter. Our most popular multi-location networking service includes the performance and security features previously only found by buying dedicated, high-bandwidth capacity circuits.

Ethernet VPLS

Create a High-Capacity WAN to Deliver High-Bandwidth Apps

Ethernet VPLS creates a high-speed, extremely reliable and very secure Wide Area Network. It’s ideal for businesses that want to simplify the transport of high-bandwidth IP and non-IP traffic across specific sites, and maintain control over their own routing. A company may use VPLS to distinguish different domains or types of traffic; connect data, contact or media centers; or to support specialized applications like video multicasting. Businesses with needs for a VPLS network often combine it with other XO networking services such as MPLS IP-VPN or Dedicated Internet Access to gain Class of Service guarantees from a single provider.

Ethernet Hub

Use a Single Interconnection to Build a Data Network

Ethernet Hub, an Ethernet Virtual Private Line (EVPL) service, is appropriate for industries such as healthcare or financial services, or enterprises with widely distributed branch offices. For these companies, the service uses a single interconnection to manage data traffic to and from smaller locations and a central location or data center. A key advantage of this service is dedicated bandwidth. Since the Ethernet Hub is never oversubscribed with traffic, and each end link only connects with the Hub, XO provides a highly reliable and manageable solution at lower costs than traditional private line alternatives.
Traditional Private Line
Transfer High Capacity Applications between Specific Locations

Some businesses have special needs to transport private information using Ethernet technology among locations, or to and from data centers. Others need near real-time transaction processing and to quickly exchange time-sensitive information with customers, or to join several types of high-bandwidth traffic on a single connection without incurring interruptions. Financial, medical and media organizations are among the many types of businesses that often prefer high-capacity, point-to-point private lines to achieve these objectives.

Dedicated Internet Access (DIA)
Reliably Connect with High-Speed Internet Access and Guaranteed Performance

To remain competitive, businesses are increasingly relying on web-based and cloud-based services. So companies must depend on business-grade access to the Internet at the fastest speeds possible. With XO Dedicated Internet Access, you can select from a range of bandwidth options and access types. In addition, you can ensure your service with performance guarantees, and take advantage of leading monitoring and reporting tools.

Connect Your Network to Cloud Services Providers

Create a network enabled cloud solution by using MPLS IP-VPN technology to gain the security and reliability of a private network combined with the ability to connect directly to a variety of cloud service providers. These direct connections position your clouds, whether public, private or hybrid, as just another series of nodes on your network.

AWS Direct Connect
Optimize Your Network for AWS Cloud Services

XO is part of the Amazon Web Services® (AWS) Partner Network. Get the performance, visibility and security you need to power your high-speed, dedicated access to AWS at all Direct Connect locations in North America. Avoid potential issues of connecting to AWS through the public Internet where you have no control over performance and are exposed to an ever-increasing array of cybersecurity risks. Whether you’re looking for better performance and security for your cloud-based applications, or to more assuredly transfer large data files in support of your business continuity and disaster recovery plans, XO can easily support your AWS Direct Connect needs.

Microsoft Azure
Power Your Performance of Microsoft® Cloud Services

Through high-speed, dedicated connections, XO will connect you to Microsoft Azure cloud services in North America. Enjoy better performance, visibility and security over your mission-critical data and applications with a direct connection to the Microsoft Azure cloud platform. Avoid potential issues of connecting through the public Internet where you have minimal control over performance and are potentially exposed to growing cybersecurity challenges.
Optimize Your Network Enabled Cloud Experience

**Bandwidth on Demand (BoD)**
Easily Scale Network Bandwidth to Support Cloud Connectivity
Eliminate your frustrations of over provisioning of network connectivity, or the inclination to overspend on bandwidth you’ll probably never use when connecting directly to leading public cloud providers such as AWS and Microsoft Azure. Without the need to schedule bandwidth modifications in advance, the XO Bandwidth on Demand offering instantaneously expands to accommodate any additional traffic demands driven by your use of connected cloud resources.

**Applications Performance Management (APM)**
Gain Visibility into Company-Wide Network and Applications Performance
Achieve more control and visibility of the network and applications your company uses every day using comprehensive analysis of everything from device to memory status, data application to call quality performance, and live views of how well your network is meeting your XO guaranteed Service Level Agreements (SLAs). Choose the level of performance analysis that’s best for your company’s size, XO service, administrator preferences, and reporting needs. With XO APM, you’ll be able to share performance statistics and trending reports, troubleshoot issues, plan future capacity, and much more.

**International Reach**
Connect Your International Locations with Ease
Connect to your office locations in North and South America, Europe, Asia-Pacific, Middle East, and Africa. Since XO works closely with an alliance of respected and local international carriers, you’ll benefit from high-quality, high-speed connections at competitive prices. You’ll enjoy being connected around the globe – all through one provider, and receiving just one invoice. In addition, ensure consistent global network availability and reliability because of guaranteed Service Level Agreements (SLAs).

**Secure Your Network**

**Hosted Security**
Gain Round-the-Clock Security Surveillance to Mitigate Risks from Cyberattacks
As part of an overall risk management strategy, add cloud-based security protections integrated with your XO company network or Internet connection. Centralize control and management of data security policies using firewall and security rules designed by you. Help identify and deflect Internet-based attacks and prevent unauthorized access to your network infrastructure. Block access to inappropriate web content, and ensure secure use of your organization’s corporate network or Internet connection with up-to-the-minute information about potential security threats. Choose from a full range of security options including advanced network firewall using the industry’s top-ranked Unified Threat Management (UTM) platform, Intrusion Detection and Prevention, Web and Content Filtering, secure remote access, off-net connections, round-the-clock analysis by cybersecurity specialists, and optional business continuity features.
Manage Your Network

Managed Services
Outsource Monitoring and Maintenance of Your Network

Improve your network operations, capacity planning, maintenance and management with XO Managed Services. Benefit from the expertise of our specialized Network Operations Center (NOC) and the entire XO Managed Services team that provides installation, configuration and monitoring of your own network hardware devices, or for XO-owned hardware, on your network. In addition to monitoring and management services, you can select from a range of professional services for complex routing circumstances and network customization that may include devices other than routers, custom reporting or self-service customer portal personalization.

Cloud Backup
Rapidly Recover Your Critical Systems and Data. Guaranteed.

In the event of an unforeseen disaster that impacts your network, your business may require backup of critical information and applications so you can continue business as usual. XO Cloud Backup is a managed recovery service that includes proactive failover for your systems to the XO cloud. XO hosts and protects your company’s important information in the network of top-tier-rated and SSAE-16-compliant or ISO-certified data centers. These facilities feature a virtualization platform for advanced redundancy and performance, high availability, and exceptional storage efficiency.

4G Wireless Backup
Maintain Continuous Uptime for a Critical Network Connection

For data failover, 4G Wireless Backup provides automatic failover and restoration of a network connection to maintain continuous uptime for point-of-sale or other critical data applications. Wireless Backup provides true resiliency for business continuity—because it uses a separate carrier, a separate technology and a separate network.

Telco Colocation
Lease a Managed Data Center Facility

Many businesses want to control their own data center, but outsource the day-to-day tasks of maintaining a colocation facility. XO provides carrier-grade colocation space throughout the U.S. in buildings designed to provide sufficient electrical and cooling systems, fire and safety measures, physical security and staffing for this type of data center requirement. Customers may lease equipment, space, power and direct access to the XO network and services as well as to other providers. Let XO manage the facilities while you maintain control of your own hardware and services.

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.

FOR MORE INFORMATION, CONTACT YOUR NETWORK ENABLED CLOUD SALES REPRESENTATIVE, VISIT XO.COM OR CALL 866.349.0134

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