

## Benefits

- **Broad range of bandwidth options** from 10 Mbps to 1 Gbps
- **Supports multiple services**, including Dedicated Internet Access, Ethernet, MPLS IP-VPN and Private Line
- **Faster installation** than fiber
- **Superior reliability** with 99.999% availability
- **Provides network diversity and redundancy** to ensure maximum uptime for mission-critical communications
- **Secure, interference free wireless connectivity** over FCC-licensed spectrum

# Fixed Wireless Access

Simple, Secure, & Reliable High-Speed Network Access, Delivered Wirelessly

## Overview

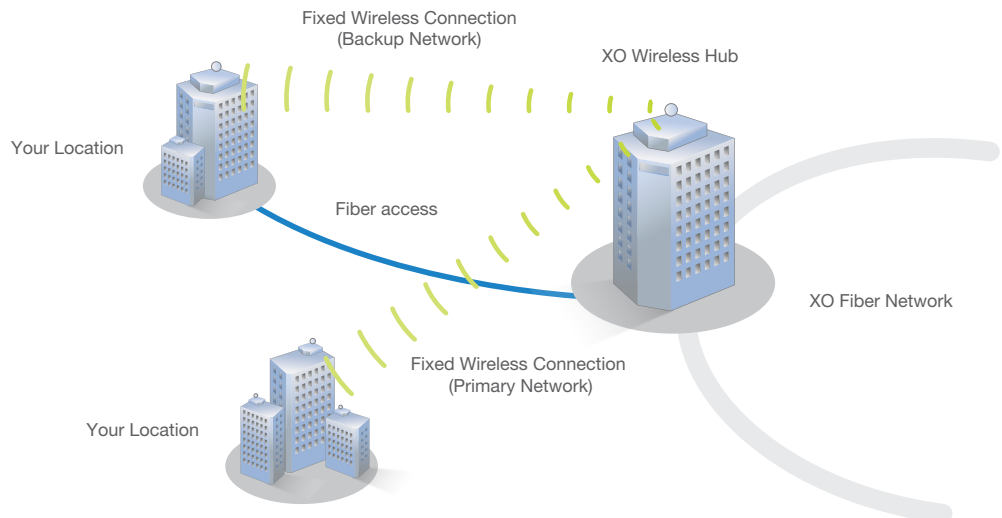
Get the speed, performance and reliability of fiber for your communications and network needs, even if your business doesn't have direct fiber access. With Fixed Wireless Access, you have an alternative last-mile and metro-area access solution as your primary network, or as a redundancy solution to complement your existing wireline network.

Fixed Wireless network leverages our licensed, carrier-grade fixed wireless (LMDS) spectrum covering more than 85 major metropolitan markets across the United States. Your business can take advantage of our fixed wireless capabilities to directly

connect to the XO nationwide fiber network without the additional costs and time of deploying fiber directly to your business locations.

Use Fixed Wireless network to support and deliver a wide range of services directly to your business locations at speeds ranging from 10 Mbps to 1 Gbps. In addition, you can support your business continuity and network redundancy requirements with Fixed Wireless Access as back-up network to your fiber network.

## Fixed Wireless Network Diagram



## Capabilities & Features

### Bridging the Fiber Gap

XO Communications provides Fixed Wireless Access solutions to deliver Dedicated Internet Access, Ethernet, MPLS IP-VPN and Private Line services. Fixed Wireless Access helps fill the gap between fiber- and copper-based facilities, with carrier-grade reliability and the capacity to accommodate fluctuating network traffic.

### Move Data Faster

With Fixed Wireless Access, you can move more data faster as if you are directly connected to a fiber network. This solution can help increase productivity and provide you with:

- Better support for applications that demand higher bandwidth and dedicated bandwidth capable of supporting peak data demands
- Scalable bandwidth options from 10 Mbps to 1 Gbps to meet your needs today and tomorrow as your demands grow

### Superior Reliability

Fixed Wireless Access offers all of the performance and reliability of fiber and is backed by carrier-grade Service Level Agreements that in many cases can provide even better up-time than fiber-based network access.

- Carrier-grade Service Level Agreements (SLAs), including 99.999% availability
- Network monitoring and support services 24 hours per day, 7 days a week
- Top performance, connectivity and throughput from the XO Tier 1, fully peered, nationwide IP network

### Support Your Network Redundancy & Business Continuity Needs

For businesses such as financial and healthcare institutions and other organizations that require network redundancy, Fixed Wireless Access can provide a true network diversity. Our solution can help you comply with mandated Continuity of Operations (COOP) requirements by delivering reliable, robust and physically diverse network connectivity.

### Highly Secure

Fixed Wireless Access is delivered over our carrier-grade licensed wireless spectrum, which means the wireless signal isn't affected by interference that typically interrupts unlicensed spectrum. Even more, XO Communications can provide additional security measures to ensure the integrity and security of your company's voice and data communications.

- Encryption devices can be installed at either end of the radio link
- Advanced Encryption Standard (AES) can be applied internally to the radios
- Can support transport of real-time, high-definition video streams for surveillance networks and data

### Value & Quick Installation

XO Fixed Wireless Access can help lower your network operating costs because there is no need for additional circuits or new Customer Premise Equipment (CPE). Furthermore, the solution is easy and quick to install and upgrade as your needs change — all at more cost-effective rates than traditional "last-mile" offerings.

### Broad Nationwide Availability

As the nation's largest holder of LMDS spectrum in the United States, XO Fixed Wireless services are available in more than 85 major metropolitan markets.

## About XO Communications

XO Communications 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 fixed wireless capabilities, XO offers customers a broad range of managed voice, data and IP services with proven performance, scalability and value in more than 85 metropolitan markets across the United States.



**For more information**, call your XO sales representative, visit [www.xo.com](http://www.xo.com) or call: **866.349.0134**

