

# Qwest Metro Optical Ethernet

## Convenient, scalable Ethernet solutions for your metro area networking needs

Qwest® Metro Optical Ethernet (QMOE) provides scalable bandwidth solutions designed to meet your growing business needs. QMOE combines the convenience of Ethernet connectivity with flexibility of multiple bandwidth choices, resulting in rapid deployment with simple, economical upgrades. A QMOE solution is typically less expensive than any other metro transport service. What's more, granularity of service means that, unlike synchronous optical network (SONET), you can obtain precisely the bandwidth you need. Regardless of the size or nature of your business, QMOE gives you the connectivity you require and the performance you need from a provider with experience you trust.

## Description

QMOE provides local area network (LAN)-to-LAN connectivity between your locations within a metropolitan area. Delivered using native Ethernet protocol, the service combines the power of Ethernet and optical technologies across metropolitan area networks (MANs) providing you scalable bandwidth, high reliability and high performance, all at a relatively low cost. The solution is suitable for data, voice and video applications.

## Features

- Metro Ethernet solutions available in major markets nationwide
- Point-to-point, and point-to-multipoint where available
- Dedicated bandwidth, delivered in incremental throughput speeds: 5 Mbps\*, 10 to 100 Mbps (in 10 Mbps increments) and 100, 150\*, 200 to 1000 Mbps (in 100 Mbps increments).
- Speed changes are fast and easy
- Simple pricing based on bandwidth
- Service level agreement for 99.9 percent availability and on-time delivery guarantee
- Provides industry standard native Ethernet interfaces
- Custom solutions delivered via our award-winning AdaptiveBuild® process

\* Offered in select markets

## Benefits

- Availability: We're where you are – Qwest's solution offers service in major metropolitan markets in the U.S.
- Better value: Because Qwest does not oversubscribe this service, you get all the bandwidth you pay for.
- Scalability: Bandwidth changes are simple and fast—QMOE can grow with your business, when you need it.
- Service flexibility: By providing the granularity of Ethernet speeds Qwest can better match your application needs—you buy just what you need.
- Reliable performance: Delivers optimal uptime for your mission-critical applications.
- Easy to adopt: Customers are already familiar with Ethernet and the LAN environment.
- Priced right: QMOE is a mileage-insensitive, performance-priced solution based on your bandwidth needs. Additionally, your total cost of ownership (TCO) may be reduced as you need no specialized WAN expertise or equipment compared to other metropolitan solutions.
- Expertise: Qwest has years of experience designing and delivering custom solutions to meet your business needs. Qwest AdaptiveBuild masters the complexities of building networks.

### **How it works**

QMOE architecture is a complete Layer 2 native Ethernet switching network over fiber and dense wave division multiplexing (DWDM) paths offering connectivity between business locations with flexible bandwidth options. The metropolitan network is carrier class and includes redundant Ethernet switches at each hub site.

### **Why buy from Qwest?**

- QMOE, the most economical and scalable means to increase bandwidth, also meets or exceeds industry standards for quality and reliability.
- Qwest is a Fortune 500 company with a track record of reliability and quality service and an extensive suite of products and support services.
- Qwest has a vast multi-application, nationwide footprint providing a variety of services.
- Single service provider – QMOE is one of a suite of solutions offered by Qwest.

### **Other products available from Qwest**

In addition to Qwest MOE, Qwest has an array of products to meet your metro needs, including:

- Qwest Self Healing Network System (SHNS)
- Qwest Geomax®
- Qwest Metro Private Line
- QWave® with GigE and 10 GigE LAN Phy interfaces
- Qwest iQ Networking®

Qwest Metro Optical Ethernet is available in Atlanta, Austin, Boston, Chicago, Cincinnati, Dallas, Denver, Houston, Los Angeles, Miami, New York, Philadelphia, Phoenix, Portland, Sacramento, San Francisco, Salt Lake City, Seattle, Washington DC, and selected areas of AZ, CO, IA, ID, MN, NE, NM, OR, UT and WA. Additional equipment may be required. Contact Qwest for availability and additional restrictions.