

QWEST METRO OPTICAL ETHERNET

Today, getting the most out of your communications network means improving on your mission-critical application performance as well as on operational efficiencies such as cost. Qwest[®] Metro Optical Ethernet service (QMOE[®]) enables just that. And, increase flexibility in your network with seamless integration across business applications. But how?

The use of copper¹ and fiber networks to provide native Ethernet service in a metropolitan area/wide area network (MAN/WAN) has been shown to give greater service flexibility while simultaneously decreasing costs, as compared to carrying an equivalent bandwidth on traditional synchronous optical network (SONET)-based networks. In addition to being typically less expensive than private line services, these networks allow you to upgrade and increase speeds very quickly to meet your growing bandwidth needs. What's more, granularity of service means that, unlike private line, you can obtain precisely the bandwidth you need. In summary, QMOE gives you the opportunity to gain cost-effective bandwidth serving multiple locations or key vendor relationships in select metropolitan areas.

DESCRIPTION

QMOE service combines the power of Ethernet and optical technologies across MANs to provide low cost, scalable and secure bandwidth. QMOE provides local area network (LAN)-to-LAN connectivity between two or more customer locations within a metro area, and is suitable for data applications that include data file transfer, Internet access, off-site data storage and access to hosting, outsourced mail and file server service, and outsourced application service. The service is also well suited to voice and video applications.

FEATURES

Standout features of QMOE include the following:

- Point-to-point and multipoint service configurations
- Bandwidth options from 5 Mbps to 1 Gbps²
- Secure and reliable service, with service level agreement (SLA) goals of up to 99.999 percent availability with quality of service (QoS) feature
- Incremental bandwidth options in 10 Mbps and 100 Mbps increments on 10/100 Mbps and 1000 Mbps interfaces, respectively
- 150 Mbps option (select markets only)
- A completely meshed native Ethernet network

¹ Subject to availability

² QC provides 5, QCC provides 10

- QoS is an option that provides four ways to prioritize traffic and an SLA goal of up to 99.999 percent availability on the highest level queue and offered in 5 Mbps increments
- .Aggregation Ports that support multiple Ethernet virtual connections (EVCs) for simplified management
- Central office connectivity with SST, SHNS, GeoMax[®] and collocations (select markets only)
- Protect Route physically separates the working and protect data links and provides an SLA goal of 99.99 percent availability (select markets only).

BENEFITS

QMOE offers you the following benefits:

- Cost effective — QMOE bandwidth can be less expensive than traditional time division multiplexing (TDM) services. You have the potential to reduce your total cost of ownership by eliminating the need for specialized WAN support expertise, reducing the cost of WAN equipment with lower cost Ethernet switches and routers, as well as consolidating server/facilities
- Flexibility — scalable bandwidth increments let you pay only for what you need
- Productivity enhancing — may also increase your productivity by enabling virtual work groups across a metropolitan area (i.e., you gain connectivity—both internally and externally—to those entities you regularly communicate with; for example, your suppliers)
- Quick turnaround—easily upgradeable; your service can typically be up and running in as little as four business days after service order and acceptance
- Reliability — Service has a standard 99.9 percent SLA availability objective, which increases to up to 99.999 percent with purchase of optional QoS, or 99.99 percent with optional Protect Route (select markets only)

HOW IT WORKS

QMOE provides local area network LAN-to-LAN connectivity between two or more locations within a metro area. The QMOE solution is based on distributed Layer 2 switching and shared transport data bandwidth. The local loop that extends to the customer premises can typically be provided via either fiber or copper facilities (where available).

WHY BUY FROM QWEST?

- QMOE delivers familiar Ethernet technology to your location, enabling you to simplify your networks - potentially reducing costs
- QMOE provides seamless integration of LANs across multiple locations without investment in new equipment or expertise. Using Virtual LANs, Qwest can connect multiple customer sites and maintain complete traffic separation and security for each customer's data
- Using our vast footprint of existing networks, Qwest offers the option to install via fiber or copper (where available)



QMOE provides one or both of the following services, depending upon your needs:

- Stand-alone LAN-to-LAN connectivity between two or more locations within a metropolitan area
- Access for other select Qwest products, for example, Internet access
- Multiple industry awards for excellence in service
- Metro Ethernet Forum Service Provider of the Year Finalist in 2007



OTHER PRODUCTS AVAILABLE FROM QWEST

In addition to QMOE, Qwest has an array of complementary products to meet your business needs including:

- Qwest iQ[®] Networking
- Qwest Ethernet Private Line
- Qwave[®]

Qwest[®] Metro Optical Ethernet from Qwest Corporation is available to business customers in selected areas of AZ, CA, CO, DC, FL, GA, IA, ID, IL, MN, MT, NE, NM, ND, NY, OR, PA, SD, TX, UT, WA, and WY. Service is available in buildings served by disclosed wire centers throughout the Qwest 14-state local service area and lit buildings elsewhere. Minimum one-year commitment required. Rates vary depending on speed and term commitment selected. Installation charge may apply. Additional equipment may be required. Additional restrictions apply.