



QWEST IQ[®] E-LINE SERVICE

A SIMPLE, POWERFUL ETHERNET PRIVATE LINE SERVICE DESIGNED TO INCREASE OPERATIONAL EFFICIENCY AND IMPROVE ROI

Looking to get more from your network at lower cost? Need simplicity? Qwest IQ[®] E-Line service (E-Line) gives you just that—enabling increased efficiency and improved return to drive success for your business. Get a state-of-the-art private line solution, tuned to your requirements, to aggressively compete in your business, today and tomorrow!

How do we do it?

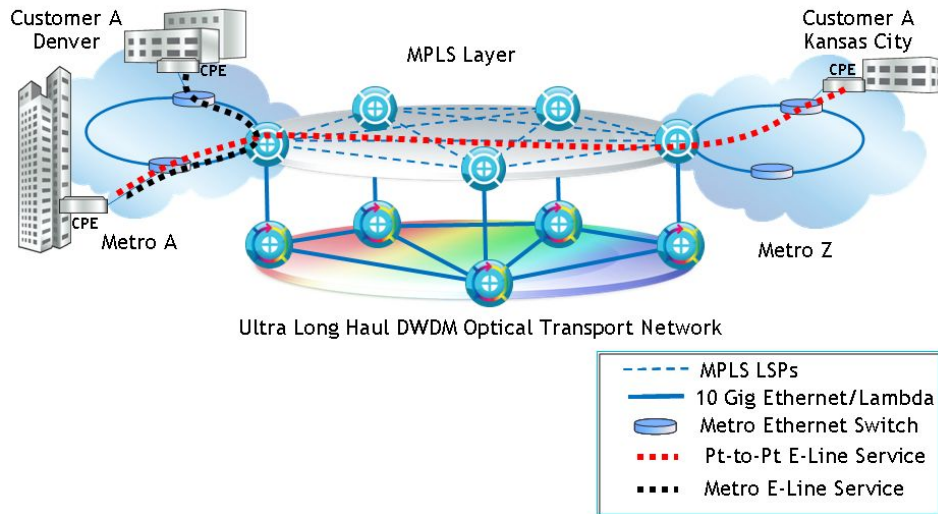
E-Line uses Ethernet over MPLS over a non-oversubscribed DWDM network that combines the benefits of intelligent routing with the advantages of 100 percent committed bandwidth. No other private line service can match your need for high performance, reliability, right-sizing, and lower cost. You can expect improved response times, increased application quality, faster time to market, and increased efficiencies and improved ROI in your network. Plus, we can easily scale to your applications and budget to suit your needs. Here's how:

- **High-performance**—with dedicated bandwidth and fast response times
- **Simple**—to configure, operate, manage, and change
- **Flexible and Scalable**—your choice of bandwidth from 5 Mbps to 1000 Mbps
- **ROI**—efficiency at lower cost compared to other private line technologies
- **Faster delivery**—with extensive pre-provisioning of network resources
- **Standards compliant**—MEF certified and MPLS traffic engineered network
- **Full support**—from Qwest's project implementation and account teams



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E-Line Metro and Long Haul
Ethernet over MPLS over DWDM



What applications run better with E-Line?

Ideally, you should see marked improvement along point-to-point connections to data centers, storage-area networking including disaster recovery and business continuity, Internet access, and peering or meet-me interconnections. And, configured for multiplexing (multiple virtual circuits per port from one location routed to other E-Line locations) you can have hub-and-spoke multi-site connections within or between any E-Line market.

E-Line is currently offered in 16 markets nationwide including New York City, Newark, Boston, Washington DC, Philadelphia, Chicago, Los Angeles, Sunnyvale CA, Houston, Dallas, Atlanta, Tampa, Denver, Phoenix, Indianapolis, and Kansas City.



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What you get with E-Line:

- Better predictability and control over your applications for long-haul and metro networking
- Granular bandwidth you specify from 5 Mbps to 1 Gigabit Ethernet
- Rapid provisioning on Qwest's DWDM network with optimal MPLS traffic-engineered routing resulting in low latency and minimal congestion
- Protected (50 – 100 ms protection failover) and unprotected service applications
- MEF, IEEE and ITU standards compliant with robust Service Level Agreement (SLAs)
- QControl[®] self-service customer portal with performance reporting—on the product release road map
- Multiplexing—point-to-multipoint in hub and spoke configuration—on the product release road map

Why should I consider a change?

Using E-Line offers many advantages over a traditional private line service. You get the same reliability you depend on with private line, but increased choice of bandwidth granularity, improved operational efficiency and cost, and greater flexibility that all together offers increased return on investment. Here's why.

Private Line	E-Line	Why E-Line is a Better Choice
Reliable, dedicated bandwidth	Reliable with same dedicated 100 percent committed bandwidth	Optimized performance using Ethernet over MPLS and DWDM technology
Standard provisioning intervals reliant on traditional methods	Faster provisioning using Ethernet over MPLS technology with pre-provisioned 10GE backbone	Speed to market and scale to meet demanding application needs
High cost	Lower cost per data bit and applications	Better meets varying enterprise ROI requirements
Last mile access dependent	Large variety of access methods	More flexible across geographic conditions

Availability of Qwest services varies. Please refer to the following for availability details about Qwest IQ E-Line services: qwest.com/legal/docs/availability.pdf.

