

# MPLS Access



## Right-size your MPLS network

Design your MPLS network to maximize bandwidth and minimize costs. Select the access type for each location based on performance requirements and available access providers. Use your MPLS connections to converge data, voice and video on a single connection to lower overall network costs. MPLS delivers the security, performance, and reliability your network requires.

### Business Continuity Protection

Configure the managed routers to failover to a secondary wireline or wireless network to keep your mission-critical applications running for a high availability design.

### Ethernet

Ethernet service offers a reliable access option for networks with varying bandwidth demands. This highly scalable service is well-suited to help businesses relieve network congestion brought on by VoIP traffic, video streaming, file transfers, and other network demands. Ethernet is an economical alternative to traditional high-

capacity services such as OC3 and DS3 on a per Mbps basis and is also a cost-effective last mile service.

- Ideal for mission-critical locations
- Ideal for locations with varying bandwidth demands
- Supports Class of Service (CoS) traffic management

### T1 and NxT1

T1 lines are a proven technology and provide dependable bandwidth.

- Ideal for mission-critical locations
- Supports Class of Service (CoS) traffic management

### DSL

EarthLink offers industry-leading true Class of Service (CoS) traffic management using private, business-class DSL access, which puts the performance of MPLS networks within reach of more businesses. EarthLink's MPLS over DSL solution fills the traditional gaps in service level and price between DSL and T1 connections.

### Features

- Up to six Classes of Service (CoS) supported on Ethernet, T1, and DSL access
- Multiple routing protocols supported
- Managed Customer Premises Equipment (CPE) included
- myLink portal visibility
- PCI compliance with MPLS IPsec Advanced
- Business Continuity backup options

### Benefits

- Select the best access option
- Connect locations nationwide and internationally
- Optimize network access costs
- Right size your network access
- Build reliable backup protection



### Wireless

Wireless Access is ideal for businesses with frequent moves or geographically dispersed locations where DSL is not available and T1 service is prohibitively expensive. Wireless Access is also among the best backup network alternatives for businesses in terms of the level of redundancy. Unlike wireline technologies, this high-speed wireless access platform is inherently resistant to natural disasters and construction incidents. EarthLink offers 3G and 4G wireless access from multiple providers.

- Ideal as a backup solution
- Ideal for locations where wireline access is not cost-effective
- Ideal as primary access when DSL or T1 is unavailable

### MPLS IPsec Advanced

Hybrid networking with MPLS IPsec Advanced establishes a secure encrypted connection to the core MPLS network over the public Internet. EarthLink deploys a premises-based firewall appliance and either EarthLink can supply the Internet access or customers may bring their own Internet access (BYOA) from a local Internet provider.

MPLS IPsec Advanced supports up to 300 Mbps bandwidth, Stateful Packet Inspection (SPI) firewall for PCI compliance, secondary and tertiary access for failover.

- Ideal for connecting remote locations
- Ideal for lowering access costs
- Ideal for supporting cost effective MPLS fail-over
- Ideal for meeting PCI compliance
- Ideal for High Availability

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