

WCI Multi-Protocol Label Switching Service



Choose the high-performance VPN solution for your business needs.

WCI's Multi-Protocol Label-Switching (MPLS) service allows multiple-site businesses to connect all of their locations on a single private-carrier backbone. An MPLS-enabled enterprise network provides any-to-any connectivity and global reach for your business, with better performance, more reliable security, and lower Total Cost of Ownership.

MPLS technology lets you consolidate voice, video, and data traffic on one reliable, high-performance Wide Area Network. Your MPLS network has the flexibility to support legacy networks, and the scalability to easily add new business sites and applications.

CHOOSE YOUR BEST MPLS OPTION

WCI examines the needs of your company, in terms of network performance requirements and site locations. WCI then presents you with several options for Tier 1 MPLS backbone networks provided by our underlying carriers (including Sprint, Qwest, AT&T, Global Crossing, XO, Verizon, and Level 3), and helps you to choose the most robust and cost-efficient MPLS solution for your business. You have the option of managing the network yourself, or letting WCI do it for you.

HOW MPLS WORKS

MPLS's "label switching" technology assigns Class of Service (CoS) priority labels to different classes of network traffic. Quality of Service (QoS) protocols use the CoS labels to move higher-priority traffic (such as real-time VoIP and video) across the network more efficiently. This provides maximum performance, less congestion, and more effective use of bandwidth on the network.

RELIABILITY AND SECURITY

Your MPLS Network is a private, segregated VPN. It has no direct Internet connection and provides no data visibility to Internet access routers. Label-switching technology ensures security by assigning labels to network traffic that identify data as belonging to your VPN. With MPLS's Any-to-Any traffic capabilities, your fully meshed MPLS network can provide automatic failover and redundancy in case of emergencies.

A COST-EFFECTIVE NETWORK SOLUTION

WCI provides you with comparable network solutions from multiple carriers, allowing you to choose the most cost-effective MPLS option. Also, by consolidating voice, video, and data traffic on one network, you can simplify network management, reducing total cost of ownership (TCO) by up to 40%.

BENEFITS

- Consolidate VoIP, video, and data traffic on a secure, reliable network.
- Global any-to-any connectivity.
- Determine the best network configuration for your business. You decide what takes priority and the network is built to your requirements.
- Choose the right network solution from multiple private-carrier MPLS backbones.
- Scalability to add new locations and technologies as your business grows.
- Migrate legacy networks and protocols to the consolidated network.
- Five Quality of Service (QoS) levels let you prioritize network traffic and improve performance.

FEATURES

- MPLS provides multi-level network security.
- Easy network management.
- Fully-meshed network provides redundancy for mission critical data.
- Tier 1 carrier networks with industry-leading Service Level Agreements.
- Consolidated billing options.
- 24/7 network support from WCI.