

Multiprotocol Label Switching (MPLS)

DEFINITION

Synonymous with virtual private networking (VPN), MPLS is a data-carrying technique for high-performance telecommunications networks. This solution speeds up and shapes network traffic to accommodate expansion and bandwidth differentials, all while facilitating global connectivity.

WHY YOU NEED IT

Removes Burden from Your IT Team

Most businesses don't have the time, resources or expertise to effectively manage a network, which is why many turn to carriers for alternative solutions. MPLS VPN is commonly chosen because it allows you to seamlessly connect thousands of business locations, support multiple applications, and choose between a flat fee or more flexible, usage-based billing options. Ultimately, the MPLS VPN increases speed, decreases latency, strengthens IP phone connectivity, improves quality of phone service and processes information faster.

Empowers Prioritization of Critical Business Traffic

In addition to allowing businesses to easily and privately communicate across a wide-area network (WAN), MPLS allows for Quality of Service (QoS). This means you can prioritize the flow of your traffic. For example, you could dedicate a larger portion of your bandwidth to voice data to ensure your calls are cleaner and clearer.

Scales as You Grow

MPLS also scales on a massive level in comparison to Ethernet. For instance, a network using MPLS can connect over thousands of sites, whereas Ethernet can only handle hundreds. Additionally, one of the greatest advantages of MPLS is that all interconnected locations run on separate protocols. This means that none of the sites are dependent on a central hub, so if your main office experiences an outage, other branches won't be affected.

BENEFITS

- Enterprise-class network with built-in, end-to-end SLAs
- Performance monitoring – visibility and control
- Payment options: One-time flat fee or usage-based billing
- Disaster recovery built into network solution
- Simplification of network infrastructure through addition and support of multiple services with one provider
- Improved application performance and prioritization
- Lets local-area networks (LANs) communicate privately over a WAN
- Carriers handle routing, so companies can keep fewer WAN/router engineers on staff
- Simple interconnectivity between tens of thousands of locations
- Greatly reduces total cost of ownership (TCO)

Best-of-breed MPLS providers with a global reach, compliancy in vertical markets, reliable network, guaranteed QoS and more are available to support your business needs:

To get a list of our recommended vendors, contact us!