



FEATURES & BENEFITS

- Secure IP Data Transport
- End-to-End IP Class Of Service (CoS) Routing
- Simplified CPE Management
- Single Multi-Service/Multi-Carrier Network
- Access Agnostic Transport
- Fully Meshed Network Architecture
- Dedicated Internet Access (DIA) and Managed Firewall Options
- VPN Management Capabilities



MPLS IP-VPN

Multi-carrier Private Networking for your business

Fusion MPLS service provides guaranteed bandwidth via a secure IP-VPN solution. It is designed to handle real-time voice, video and Internet traffic. This solution provides geographically dispersed locations the ability to make end-to-end connections leveraging multiple access technologies such as DSx, OCx, DSL, SONET, Ethernet, and EoC (Ethernet over Copper).

Fusion's Quality of Service (QoS) offering allows users to differentiate traffic into multiple Classes of Service (CoS), which ensures the optimal level of prioritization for all applications and provides maximum bandwidth value and efficiency.

Fusion MPLS network design offers fully meshed or hub and spoke configurations. It combines voice and data traffic on the same integrated network, increasing efficiency while providing an ultra-flexible, multi-backbone infrastructure.

Designed For Maximum Network Availability

The Fusion MPLS backbone is built on top of a fully redundant, self-healing, advanced IP network. Customers can interconnect via multiple access technologies and leverage automatic link failover to maximize network availability. What's more, customers can order a primary circuit from one carrier and a redundant circuit from another, both configured to ensure auto-failover. Customers also have the option to bond two T1s from two different carriers for additional speed and redundancy.

Multiple Access Technologies

The Fusion MPLS backbone is available through a number of transport technologies, including T1, DS-3, OC-3, OC-12 and OC - 48. Access via ADSL/SDSL/IDSL lines is also available, along with Ethernet (10, 100, 1,000 and 10,000 Mbps) and Ethernet over Copper (EoC).



Global Connectivity

Fusion MPLS solutions are not solely based on our last mile connectivity options: we take it a step further. Where our network is not ubiquitous - in remote locations and underserved markets - our MPLS service offers unique off-net access capabilities via an enhanced VPN network, offering a broad selection of off-net access options. Fusion connects off-net remote locations with encrypted IP/SEC Tunnels or SSL VPNs easily and cost effectively.

Internet Access

Fusion provides Dedicated Internet Access directly from the MPLS meshed network, maximizing bandwidth efficiency. Utilizing the FortiGate Unified Threat Management platform, network protection goes beyond spam and virus filtering, offering Intrusion Detection and Prevention, Data Loss Prevention, Content Filtering and Archival, and Anti-malware/Anti-spyware. Centralizing this service can greatly reduce hardware and management costs.

Ensure Your Network Feature

Fusion MPLS solutions provide the ideal platform for future network growth. As new applications arise, so does the demand for greater bandwidth and network speeds. Fusion MPLS solutions easily adapt to support new IP voice, video and cloud-based services, and bridge the gap between circuit and packet switched networks. With low latency, MPLS improves communications, reduces costs and enhances network stability. When used in conjunction with Fusion’s Cloud Voice or Cloud UC platform, MPLS offers the ultimate in corporate connectivity.

Service Excellence

Fusion has reached one of the highest levels of customer retention in the industry with some customers exceeding 20 years of service. Find out how your customers can experience the same level of satisfaction by contacting us at 888.301.1721.

Our Approach to Customer Excellence

At Fusion, we understand your IT environment and communications needs are unique and constantly evolving. Our staff knows what it takes to implement an enterprise-wide telephony solution without any interruption of service. From IP connectivity and network design, equipment installation and training, we handle each MPLS customer engagement as an individual project, with a human touch most service providers can’t match. Our proven methodology has assisted many enterprise customers in successfully migrating to Fusion MPLS and transforming their business as a result.

ASSESS	ARCHITECT	DESIGN	IMPLEMENT	SUPPORT
Evaluate network requirements Assess current carrier relationships	Select MPLS topology Recommend business continuity options Recommend IP network upgrade (if applicable)	Document network and IP addressing plan Document Internet Access method Document firewall policy options and ownership	Provision carrier circuits Establish VRF and IP routing schema Test policies and COS	Network troubleshooting Pro-active management CPE management Firewall policy and VRF reconfiguration Site addition

