

## Multiprotocol Label Switching (MPLS IP-VPN)

- Lower total cost of ownership through consolidating data, voice and video networks through outsourced managed services and leveraging of the provider's backbone
- Maintain the level of security and QoS/CoS of ATM and frame relay
- Ensure scalability, flexibility and efficiency of IP networks
- And boast a robust disaster recovery solution through the IPNETZONE's fully meshed seamless failover backbone

## Dynamic and Controlled Internet Access

To ensure 24/7/365 operations of business-critical applications (i.e., VoIP, financial transactions, Citrix, ERP systems, ecommerce, video, etc.), enterprises are challenged to meet increasingly complex wide area network (WAN) management and performance requirements while securing the transactions, replacing aging hardware and ensuring disaster recovery. With the lower total cost of ownership, MPLS-based solutions are rapidly growing in popularity for multi-location, medium-to-large enterprises across a wide range of industries.

**MPLS Comparison Matrix**

✓	Available
M	Available Through Network Managed Services
?	Availability May / May Not Exist
X	Not Available

Features	In-House IPsec VPN	Frame Relay	Competitor's MPLS VPN	IPNetZone MPLS IP-VPN	IPNetZone MPLS IP-VPN+
<b>Private circuits</b> , private Internet for superior performance & reliability, easier troubleshooting, and reduced risk of public Internet-based attacks	X	✓	✓	✓	✓
<b>Connection-based</b> versus packet-forward routing for quicker data delivery and better network management capabilities	X	✓	✓	✓	✓
<b>Separate Classes-of-Service</b> for realtime (VoIP) and mission-critical business applications (Financial Transactions, ERP, etc.)	X	X	✓	✓	✓
<b>Fully Meshed</b> , Any-to-Any as opposed to Hub-and-Spoke network topology for lower latency	X	X	✓	✓	✓
<b>Scalable architecture</b> and manageability to support growing businesses with tens, hundreds or thousands of sites	X	X	✓	✓	✓
<b>Dedicated Internet and Class of Service</b> on the same line, for more efficient Internet access and effective level-loading of MPLS	X	X	X	✓	✓
<b>Low Total Cost of Ownership</b> due to low capital expenditure requirements and outsourced management and 24x7 monitoring and support	X	X	?	✓	✓
<b>Wide selection of access</b> technologies offered nationwide (10mb/100mb/1gb Ethernet, DS1, or DS3)	X	X	?	✓	✓
<b>Built-in Security Gateways</b> to provide Firewall, Intrusion Prevention, Anti-virus, Anti-Spam and Web Filtering	X	X	?	M	✓
<b>Data encryption optional</b> ; maximize security or increase throughput with low-cost CPE	X	X	?	M	✓
<b>IPsec or SSL VPN Remote Access</b> for mobile workers/partners with application and device specific access control policies	X	X	?	M	✓
<b>Seamless Failover</b> options featuring same IP Space over multiple connections such as, DSL, Cable, Wireless or Ethernet access	X	X	?	✓	✓
<b>End-to-End SLAs</b> (Availability, MTTR, Latency, Packet Delivery, etc.)	X	X	?	✓	✓
<b>Flexibility to securely connect any site</b> using its existing Internet access (Suppliers, Distributors, Customers, ASPs)	✓	X	?	M	✓

## About IPNETZONE

IPNETZONE provides nationwide data and Internet services, managed network services, and network monitoring solutions to other carriers, small- to medium-sized companies and enterprise clients.

Founded in 2007, IPNETZONE has provided Internet circuits ranging from business class cable to gigabit metro ethernet circuits nationwide as well as a full suite of converged IP communications products and network management solutions.

Companies have looked to IPNETZONE for complete solutions to manage their communications infrastructure and shift the burden of maintaining complex networks to a seasoned technology partner.