

MPLS Simple. Secure. Powerful.



TPX

MPLS relieves bandwidth demands, keeps your communications private and reduces your support and equipment expense.

Wouldn't it be nice to eliminate the need for firewalls, encryption and tunnels? To improve performance at the same time you reduce costs and unnecessary workloads for your technical support staff? To tie together all your locations and people with a secure, private and efficient network that's easy to provision and keep running at peak efficiency?

TPx ①Net is an Internet Protocol-based Virtual Private Network (IP VPN) service that enables private and secure communications between a business' locations. You can also extend your VPN network to customers

or suppliers by ordering additional connections if you want to communicate with them over your secure VPN instead of the Internet.

①Net uses TPx's Multiprotocol Label Switching (MPLS) network to establish private communications between your locations without the need for special hardware or encryption. Using MPLS, TPx builds unique user groups to establish your private network. Your private data cannot be captured or viewed by anyone you don't designate for inclusion in your user group. You have complete control, whether you're tying together users



in a single campus or using ①Net solutions to connect locations worldwide, along with access options for remote users and locations.

①Net simplifies communications

- No firewalls and their additional admin overhead
- No encryption so you enjoy faster network performance
- No tunnels which means there is no configuration required to add additional sites
- No need to change your existing IP address schemes, streamlining implementation
- Reduced capital costs

Flexibility, security, and performance

①Net IP VPN delivers:

- Private communications between IP VPN locations without specialized hardware or software
- Any-to-any communications for all locations that allow your traffic to run on either efficient any-to-any meshed configurations or traditional hub and spoke networks
- Robust security that easily meets HIPAA or similar government regulations
- Support for enhanced features so your network's capabilities can grow with you
- Strong Service Level Agreements (SLAs)

All VPNs provide users with private communications over a shared network backbone. ①Net provides the same security and privacy as private line, ATM and frame relay VPNs at less cost and more efficiency.

①Net uses Multiprotocol Label Switching (MPLS) technology based on IETF standards to provide secure private networking with advanced feature options. Using this

service, you may communicate between any of your locations without the need for firewalls, encryption, and the administration or maintenance required to build a VPN across the Internet. This avoids support and administration costs, simplifies the network topology, and allows you to focus your security efforts on your Internet access points for public networking.

①Net features include:

- The ability to connect to locations around the world through TPx services
- Three Classes of Service to meet your individual requirements
- You can add ITx for Firewall for safe access to your network from any Internet connection. It can also provide secure access over the Internet for a remote branch site

With ①Net, you also have access to our TPx Network Monitor portal for network monitoring, reporting, and proactive notification to track your network performance. In addition, ①Net solutions can include a TPx Cisco customer edge router to meet specific customer application requirements like VoIP, video conferencing and streaming media.

Leverage your bandwidth... and your investment

①Net MLPS can be integrated with TPx SmartVoice and Internet products too. Instead of having separate circuits for voice, Internet, and MLPS that each require dedicated hardware and technical support, you can have them all combined on a single access line that safely and efficiently allocates all your bandwidth in response to your individual requirements.