

## MPLS

Featuring L2 & L3 VPN  
Services

### Service Features:

- 10 Gigabit IP backbone network
- Any-to-any connectivity
- Quality of Service (QoS) Options –
- 4 priority queues
- Comprehensive SLAs
- Supports multiple access types

### MPLS Overview

MPLS (Multi-Protocol Labeling Switching) is a completely private, flexible IP based network solution. MPLS combines the communications flexibility found in the PSTN (Public Switched Telephone Network) and the Internet with the inherent security and quality of traditional private line data communications services. This provides a single network for all of your diverse communications requirements.

The major benefit of the MPLS service is the ability to offer different performance levels and prioritization based upon the type of traffic entering the network. This means delay sensitive applications such as VoIP, video, Citrix, SAP or Oracle can be provided priority processing over traditional non-delay sensitive data. Our service is provided via Oxford Networks' state-of-the-art, 10-Giga-bit IP network. Port speeds are based upon customer requirements starting

at 384Kbps and can be increased up to 5 Gigabits. Our MPLS service is a fully managed network solution. We provide a customer premise equipment (CPE) router and remote management of the device. This provides your organization a complete solution, leaving you and your staff available to focus on your core business objectives.



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Oxford Networks' MPLS network combines the security and reliability of Layer 2 networks with the scalability and flexibility of Layer 3 (Internet based VPN) to provide a dynamic solution for your organization. The fact that our network is not directly connected to the internet removes public IP security threats. This makes this a great solution for regulated industries.

### Why use MPLS?

Oxford Networks MPLS solution is an efficient, secure and cost effective way to transmit your digital information from any location on your network to any, or many other locations. Our growing FTTP network, unique in Maine, is positioned to meet your current and evolving network requirements including the emerging service demands such as VOIP and video. We can deliver these services to you via Intranet or Extranet.

The MPLS based VPN solution creates a virtual private line between all your locations allowing you to exchange any type of information, data, voice or video with packet prioritization as desired. This eliminates the more costly hub and spoke network topology of old. MPLS provides a cost effective, secure and reliable communications infrastructure between all of your locations.

For more information on our MPLS based solutions and service pricing please contact your Account Team for assistance.

# MPLS

### Benefits:

State-of-the-art IP network, 9 Nodes within Maine

All of your sites are connected via our secure, private network

Optimize the performance of time-sensitive traffic like VOIP, video or business critical applications

Guaranteed network performance to ensure packet exchange and application efficiency

More cost effective bandwidth options, greater coverage capabilities, lower total cost of ownership



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