

## Optical Ethernet

ENMAX Envision's Optical Ethernet Service is a high-capacity, fast, cost-effective way to extend your corporate LAN to multiple sites. It provides you with a private and secure connection that's an ideal migration from traditional VPN links or legacy technology. Optical Ethernet helps you maximize business continuity by delivering a carrier-grade connection, simplified routing, greater scalability, and ease of management – all at an affordable price.

ENMAX Envision's Optical Ethernet services are delivered over our privately owned and operated, 10 Gigabit MPLS network which has extensive reach throughout the city of Calgary. We also have the ability and expertise to facilitate connections across North America through 3<sup>rd</sup> party carriers and partners.

**Ensure your priority applications have the connectivity they need for optimal performance!**

- Enterprise VoIP
- Video streaming & conferencing
- Off-site backup
- CAD, Financial, Medical Imaging
- Collaboration Applications & Intranets
- Bandwidth Intensive file transfers
- Research, Modeling & Simulation Tools
- Control Systems & Critical Alarms

### Is Optical Ethernet Right for Your Business?

Optical Ethernet is ideal if your business is spread out across multiple locations, if your employees need to share timely information, if you require a secure, private link to off-site data centres, or if you run applications like VoIP over your network. With four levels of QoS (Quality of Service) available, you can prioritize your traffic so that mission-critical applications run flawlessly - even when the network is at its busiest.

### Features

- Scalable, symmetrical 10, 100 & 1000 Mbps Ethernet access speeds
- Full wire-rate, 10 Gigabit network architecture, 40 Gigabit ready
- Transparent Layer 2 service
- Use of VPLS/MPLS technology provides clean separation of traffic
- Class of Service/QoS enabled Layer 2 or Layer 3 traffic prioritization via DSCP or 802.1p bits
- Network interconnects with 3<sup>rd</sup> party carriers & other major service providers
- Node protection, link protection & fully meshed fibre network
- Fully resilient core network with auto failover & entrance/route redundancy
- 100% Core Network Availability backed by a SLA & hassle-free credits
- 15 day installation guarantee for network ready locations
- 24/7 network monitoring & support
- Direct customer access to local Network Operations Centre

### ENMAX Envision Optical Ethernet Connectivity

