



MPLS

Connect Your Network With Ethernet Services

iTel MPLS Ethernet is a WAN service that offers businesses the highest security, more bandwidth per dollar, and faster application deployment than public internet or legacy private line connections.

MPLS Ethernet provides the dedicated symmetrical bandwidth you need, all backed by aggressive service level agreements and industry-leading pricing. The ethernet access originates from one of our four Class A datacentres, creating a protected, redundant extension from each of your locations. Connections to other locations are integrated into your Layer 2 network, allowing you to pool gateway access and use the full bandwidth of your access for site-to-site transfers. Bandwidth use is accurately controlled from our core switching, eliminating the need for expensive QoS routers.

Choose from 10/100/1000Mbit access, and create priority-based Virtual Ethernet Connections, between your sites, your datacentres, or your customers. iTel can provide internet gateway and SIP trunks with priority based QoS over the same access. If your networking and data services are a critical component of your business operations, you'll benefit from upgrading to iTel's MPLS Ethernet service.

With iTel's 100 and 1000Mbit access, EVC (Ethernet Virtual Connections) can be configured for voice, video, internet gateway, as well as an unmetered connection to iTel's datacentres.

REAL BENEFITS

Increase Your Productivity – Fast, consistent, data transfer gives your people efficient access to the information and applications they need. Internet gateway speeds of up to 200Mb/s are available—500Mb/s in 2012.

Reduce Service Costs – iTel typically delivers more bandwidth per dollar than traditional private line services, with a 99.99% SLA and a 4 hour MTTR. When your locations are linked together using MPLS Ethernet, you can pool your internet gateway access between all of your locations.

Eliminate On-Site Equipment – iTel handles the ongoing configuration and management of your connection, allowing you to reduce the costs of purchasing, configuring and maintaining on-site equipment.

Flexible Bandwidth – Increasing the bandwidth on legacy connections requires costly service calls and waiting times of up to 8 weeks. MPLS Ethernet allows you to gradually increase your bandwidth, avoiding the costly infrastructure upgrades of traditional frame relay connections.

Contact our sales department today to find out about more benefits specific to your company.

ITEL ADVANTAGES

National Coverage – iTel combines the footprint of all major MPLS network providers into the most complete MPLS solution in Canada. We have coverage over 90% of North America, letting you connect all of your current and future locations.

Quickly Increase Bandwidth – Burst bandwidth will keep your business operating at peak operating efficiency. Bandwidth commit levels can be raised in as little as two business days.

Enterprise Traffic Control – All QoS is handled by iTel's core switching infrastructure, meaning no customer traffic manipulation is required. This centralized management enables standardized and efficient WAN optimization.

INCLUDED FEATURES

- iTel's 99.9% SLA availability and MTTR of 4 hours
- Coverage in 90% of North America
- MEF Certified Service: Industry standardized and certified
- User Access Sizes of 10, 100, 1000 Mbps
- Virtual Ethernet Sizes of 2, 3, 5, 6, 10, 20, 30, 40, 45, 60, 80, 100, 150, and 200 Mbps

OPTIONAL FEATURES

Voice Services – Dedicated bandwidth, precise EVC Quality of Service, and high reliability make it the perfect connection for SIP trunking. See our SIP trunking product sheet for more information.

Colocation – Protect your equipment and information with colocation in an iTel datacentre. Equipment placed in our datacentres is accessible through your iTel MPLS connection with unmetered bandwidth, like it was in your own office. See our Colocation product sheet for more information.

Disaster Recovery – Our managed backup service is built on Dell Equallogic technology. Backup over ethernet can use the full bandwidth of your pipe, up to 1GigE, with no bandwidth charges.

ABOUT US

iTel provides IT and communications services to businesses, institutions, government and carriers throughout North America.

Our carrier network is one of the largest in Canada, multi-homed in geographically diverse data centres across the country. It was built from the ground up to deliver IP and network solutions at the fastest speeds available. Our extensive fiber and datacentre assets will connect your businesses with the latest in voice, data, and networking services.

ROUTE EACH TYPE OF TRAFFIC WITH THE PRIORITY IT REQUIRES

Real-Time – Used for traffic such as video and voice

Priority Class – Used for traffic requiring low deviation, and high QoS

Standard – For use by non-urgent or general traffic

Best Effort – Data without QoS requirement, such as email and P2P traffic

