Cost-effective wide area networking

New Ethernet Internetworking service from Bell

The Ethernet Internetworking service from Bell is an effective and economical way for customers to create wide area networks suitable for carrying a variety of applications from best effort Internet traffic to voice over IP (VoIP), email, file transfers, real-time database queries and shared Internet access.

Our enhanced Ethernet Internetworking service offers two distinct options: Switched-Ethernet Virtual Private Line (S-EVPL) and Switched-Ethernet Private Line (S-EPL). These services offer you the flexibility to choose the best option for your business requirements

Solution

Switched-Ethernet Virtual Private Line (S-EVPL) is a point-to-point and point-to-multipoint service using virtual connections across Canada. S-EVPL is managed by Bell, helping to simplify your network operations.

Switched-Ethernet Private Line (S-EPL) is a point-to-point service offering both VLAN and Class of Service transparency. This option offers you the flexibility to manage your customers' networks.

Deployed on Bell's next generation Carrier Ethernet network, Ethernet Internetworking allows your customers to run Internet and mission-critical applications simultaneously through different paths on the same access – without compromising speed and quality.

Our network offers a fully-redundant core utilizing state-of-the-art technology. This ensures a secure core topology and decreases single points of failure. It is also fully interoperable with Bell services, including IP VPN/MPLS. Our service is also compliant with industry standards. Bell is the first Canadian provider to receive two certifications from the Metro Ethernet Forum, the defining body for Carrier Ethernet.

Features

• **Access speed:** A wide choice of access speeds from 1.5 Mbps (T1) to 10 Gbps to aggregate end-user traffic to one data centre.

• **Ethernet Virtual Connections (EVC):** Available in a wide range of increments based on your end-users bandwidth requirements.

• **Topology:** Allows the user to connect multiple locations to one data centre. We also offer data centre to data centre connectivity.

• **Class of Service (CoS):** Standard, Business Priority and Near Real Time (NRT) connections are offered to meet any application requirements in the most efficient manner. Our Business Priority and NRT offer you the ability to segment your traffic according to your customers' need.

• **Service:** Our service is monitored 24/7/365 and can react immediately to network alarms and manage any issue to full resolution.

• **Service Level Agreement:** End-to-end SLA of 99.9% availability for Business Priority and NRT services, with a 4-hour mean-time-to-repair (MTTR).

• **Bundling options:** Many-to-One and All-to-One VLAN bundling solutions.

Benefits

• Network management and full support from highly-skilled technical personnel.
• Class of service options at all bandwidth levels for easy customization.
• Consolidates multiple applications (voice, data, and storage) onto a single access.
• A robust service running on reliable hardware powered by multiple top-tier vendors
• Unique VLAN identifiers keep separate traffic from the shared network infrastructure - ensuring the security levels required by many business applications.
• Flexibility for network integration enables you to offer Internet Connect and Ethernet services on the same access, creating a cost-effective solution.
• Presence in U.S. carrier hotels located in New York and Chicago.

Why Bell Wholesale

Bell Wholesale provides national and international clients industry-leading voice, broadband and IP wholesale solutions from across Canada.

We understand the needs of our clients who come from a variety of markets: inter-exchange carriers, local exchange carriers, wireless service providers, resellers, Internet Service Providers, telcos and cablecos.

Our comprehensive portfolio of wholesale products and services demonstrates our commitment to providing solutions that will help your customers grow their business and enable their success.

For more information visit wholesale.bell.ca