

V-Connect (MPLS IP VPN) Service

Northwestel's V-Connect IP VPN service is a fully managed Wide Area Network (WAN) solution delivered over Multi-Protocol Label Switching (MPLS) network. The service allows your offices to easily and affordably connect with each other, as well with suppliers and business partners across the country or around the world. It also allows you to consolidate your voice, video and data traffic over a single, secure and reliable private IP-based network.

V-Connect provides both Small, Medium and Enterprise Businesses with a sensible IP networking solution that offers an increased value proposition. It provides substantial cost advantages, enhanced performance, scalability, flexibility and the ability to prioritize latency sensitive traffic. Many Frame Relay customers are migrating to V-Connect as a cost effective solution for this legacy technology.

Features and Benefits

Private and secure

V-Connect IP VPN service is built over Northwestel and Canadian telephone companies' carrier-grade private networks, which are separate from the public Internet network. Therefore, the service is guaranteed to be secure and free from malicious attacks.

Reliable and guaranteed high performance

V-Connect service has four Class of Service (CoS) options for customers to choose from:

- Basic
- Enhanced
- Premium
- Platinum

Each CoS has different Service Level Agreement (SLA) targets for availability, package loss, jitter and latency. Northwestel will credit customers back if the SLA targets are not met.

Scalable network

V-Connect service offers 64 kbps to 10 Mbps connections and higher bandwidth options can be developed at the request of a customer.

Ease of implementation

V-Connect service is a fully-meshed WAN solution, which makes it easy for customers to add new sites to their existing network.

Convergence network

Customers can consolidate their voice, video and data traffic over a single, secure and reliable private IP-based network.

Cost savings

V-Connect clients have realized up to a 50-70% savings over their current legacy based services (for the same bandwidth).

Real-time network performance report

Customers can monitor their network performance and generate reports through a Northwestel web portal. This allows customers' IT staff to evaluate their network utilization and plan for potential network upgrades or changes.

Contact Us

Contact your Business Solutions Representative to build a relationship that can help you communicate better and make your business more effective. Call **1-800-661-0790** or email **sales@nwtel.ca** to get started today.

Service excellence

Includes 24x7 Network Surveillance provided by experienced IP professionals.

Single customer contact point

Northwestel coordinates with Canadian telephone companies to provision and maintain their customer's national and global networks.

Availability

V-Connect is available in Fort Nelson, BC and most Yukon and Northwest Territories communities. Northwestel will continue to develop this service into more communities, including those in Nunavut.

CoS and SLA

CoS allows customers to mark certain types of traffic (i.e. VoIP traffic, Videoconferencing traffic) as high priority. Northwestel will recognize these traffic priorities and send them through our network first.

Customers can choose the right CoS options for different applications according to their latency sensitivity and importance. Northwestel guarantees the performance for each CoS under their respective SLA targets.

CoS Options and SLA Targets for Terrestrial Sites

CoS Options	Basic	Enhanced	Premium	Platinum
Priority	Lowest	Higher than Basic	Higher than Basic and Enhanced	Highest
Typical Applications	Internet, FTP, Email	SAP	Video Streaming	Voice and Video Conferencing
Availability	99.9%	99.9%	99.9%	99.9%
Packet Loss	N/A	<2%	<1%	<1%
Latency	N/A	<200ms	<150ms	<80ms
Jitter	N/A	<50ms	<25ms	<25ms

Example of National V-Connect Network

