

Enhance your IP VPN performance through multiple classes of services.

IP VPN service from Bell supports 5 classes of service. Each class rides in a separate queue in the core network thereby ensuring better performance and a more efficient use of bandwidth.

1. Voice - Voice provides the highest level of service with stringent guarantees on availability, average latency, packet loss, and a limit on jitter. It has been specifically engineered to carry small packets, streaming traffic that is sensitive to variations in delay such as Voice over IP.

2. Video - This near real-time class of service provides guarantees on availability, average latency, packet loss, and a limit on jitter. It has been engineered specially to carry the large UDP type packets consistent with video streaming applications. It is ideally suited for video applications that are sensitive to variations in delay such as video conferencing.

3. Priority - Priority class of service includes performance guarantees on availability, average latency and packet loss. It is designed primarily to carry mission-critical data traffic (not Voice or Video) that can tolerate a reasonable amount of delay variation. Examples include SAP, SNA and mission critical data backups.

4. Standard - This class of service supports performance objectives with clear service level objectives on packet loss and is tolerant to delay or delay variance. Examples include email and low-priority data transactions. Standard traffic is treated as "best effort" however it is not affected by slowdowns on the Internet; it is treated as a separate class in the backbone.



You should consider multiple classes of service when:

- You are currently running or planning to run higher priority applications over your network, such as Voice over IP
- Important time sensitive voice or video applications are running throughout your WAN along with other applications such as email, FTP and non critical data
- You need to guarantee critical application performance cutting your access even accidentally

5. Bulk - Bulk class of service allows for large data file transfer (such as FTP or data backups during the day) to occur only when standard application data is not utilizing the allotted access bandwidth.

On Demand

Some businesses need their network to be flexible enough to deal with seasonal demands and unforeseen events. Bell offers customers 'On Demand' capabilities which enable you to quickly ramp up or pare down your network needs as the market determines. Each request is processed, configured and implemented in less than 24hrs - seamlessly.

For more information visit bell.ca/enterprise, or request to be contacted by a Bell representative at bell.ca/contact-enterprise.