

Wavelength Services

High-capacity, dedicated transport at the speed of light.

ENMAX Envision's Wavelength Services are high-capacity, reliable, dedicated connections designed for businesses that transport massive amounts of data between key business sites, data centres, or Storage Area Networks (SAN).

Wavelengths provide full line rate throughput at speeds of up to 10 Gbps and are ideal for meeting the requirements of bandwidth-intensive and delay sensitive applications.

Delivered over Envision's DWDM (Dense Wavelength Division Multiplexing) network, Wavelength Services are private connections that do not traverse a shared packet network. Unlike the technologies used in MPLS, SONET or ATM, DWDM technology transmits multiple data streams over dedicated wavelengths of light. This means connectivity is 'light speed', capacity is never congested, and latency is ultra low.

DWDM technology also makes it possible for many different data formats to travel over the same pair of fibre. With Wavelength Services, transparency for protocol independent applications is fully supported - giving customers the flexibility to run multiple protocols on a single transport network.

If your business requires dedicated, high-capacity transport with the flexibility to scale bandwidth and aggregate multiple services on to one network, then ENMAX Envision's Wavelength Services are an ideal solution.

Features

- DWDM technology: secure light waves run on dedicated wavelengths
- Uncongested connectivity with full line rate capacity
- Protected and unprotected configurations available
- Protocol transparent transport
- Non-disruptive addition of services and capacity
- Low latency
- SLA available
- 24x7x365 network monitoring and support
- Services available: 1 & 10 Gigabit Ethernet. 1,2,4 & 10 Gigabit Fibre Channel

Availability

ENMAX Envision's DWDM network extends throughout the city of Calgary. Wavelength Services are widely available in the Downtown core and to / from Calgary's major data centres.



More network power for your most demanding applications.

With ENMAX Envision's Wavelength Services, you can:

- Increase your network capacity with speeds up to 10 Gbps
- Achieve full line rate capacity
- Move massive amounts of data between multiple sites without latency
- Quickly and securely connect to off-site data centres
- Enable business continuity solutions for mission critical operations such as data replication, disaster recovery, load sharing, and SAN
- Reduce network complexity by integrating multiple services and different data protocols on to one transport network
- Scale bandwidth and add services 'on demand'
- Tailor network protection to your business requirements
- Meet increasing bandwidth demands both today and well into the future