

# Telesat's TELipro Service

## Breakthrough Borderless Broadband



**TELipro™** – a cost-effective, robust, and reliable turn-key, IP-based wireless network solution that allows enterprises to transcend traditional connectivity barriers – instantly and regardless of location –throughout North America.

### State-of-the-Art Satellite Platform

**TELipro™** is a best-of-breed, service-level configurable Broadband IP network solution that overcomes the constraints of land-based technologies and legacy satellite networks, giving enterprises rapid and trusted WAN, LAN-to-LAN and Point-to-Point connectivity. Enterprises also benefit from standardizing their Broadband communications systems on one single technology platform that significantly reduces network deployment and maintenance costs. Ideal for supporting enterprise WANs, carriers for terrestrial extensions, cellular backhuls for unified IP networks, emergency and public safety services and broadband connectivity for today's maritime communications.

### Highly Scalable Bi-directional Solution

Residing at the core of **TELipro's™** IP solution is iDirect's Broadband Router –an advanced enterprise-class, compact modem that efficiently routes IP traffic over satellite networks. The service is totally scalable and poised to accommodate your future bandwidth demands. **TELipro™** meets the highest in and outbound data throughput rates available today, with a DVB-S2 outroute that can saturate a full 36 MHz transponder, achieving 60 to 75 Mbps.

### Outstanding Performance

**TELipro™** performs like a traditional wireline network solution. With Product Code and TCP Acceleration, **TELipro™** provides carriers and enterprises robust and efficient bandwidth usage, heightened flexibility, and enhanced reliability. Delivery of traffic of all types is guaranteed at the highest performance standards using advanced features such as Real Time Traffic Management (RTTM), Application Quality of Service (QoS) and Group QoS, segmentation and re-assembly, Committed Information Rate (CIR) and Compressed Real Time Transport Protocol (CRTP).

### Flexible Service and Application Options

**TELipro's™** Quality of Service (QoS) features enable enterprises to prioritize traffic by protocol, source or destination address, port numbers, or real time/non-real time traffic over customer dedicated or shared bandwidth. With **TELipro™**, enterprises have the flexibility to support service levels based on application (such as VoIP) and location.

### One Total Solution

Enterprises throughout North America can trust **TELipro™** to provide advanced Broadband IP two-way wireless solutions that include standard and custom designed networks, dedicated private networks and bandwidth, and Hub/Gateway or Private Hub configurations. With **TELipro™** any number of enterprise sites, regardless of location are instantaneously brought into the fold of mainstream communication. Simple, quick to install, easy to use and service, **TELipro's™**

remote solution gets its customers online quickly. **TELipro's™** one-stop-shop, total service provision includes the router, antenna, outdoor electronics and the satellite capacity, the Gateway/Teleport services, engineering, installation and depot repair.

Telesat will proactively monitor the performance of your network through our state-of-the-art Network Operations Centre assuring unsurpassed service quality. Field service options are available to assure worry free operation and maintenance for every site on your network.

### Hub Ownership/Operation Options:

- Dedicated Network Operation Controller (NOC), a fully managed Telesat solution with dedicated bandwidth and hardware
- Virtual Network Operation (VNO), allowing customer network visibility and management
- Private Hub, owned and operated by enterprises
- Shared Teleport-based, utilizing shared hardware and capacity solutions

### About Telesat

Headquartered in Ottawa, Canada, Telesat has offices in Canada, the United States, Brazil, United Kingdom, and Singapore. Telesat is one of the largest fixed satellite service (FSS) operators and one of three FSS providers with global coverage. The company offers advanced communications solutions with the highest standards of reliability – solutions that draw on Telesat's combination of satellite coverage, fleet depth and operational expertise.

