



**TELESAT**  
**LIGHTSPEED™**

The enterprise-class  
LEO smart platform

**TELESAT™**



# TELESAT LIGHTSPEED™

Ubiquitous, enterprise-class LEO network for your multi-faceted and evolving business needs

**The Telesat Lightspeed enterprise-class SMART platform enables unparalleled, real-time connectivity anywhere – land, sea, and air.**

#### **True Global Coverage**

Satellites in polar and inclined orbits, resulting in complete global coverage, including polar areas, for continuous land, sea, or air connectivity.

#### **High Throughput and Capacity**

Unrivaled uplink and downlink throughput with the ability to dynamically deliver increased capacity to support high demand scenarios such as community Wi-Fi, hubs and ports, major events, and more.

#### **City-like User Experience**

Real-time quality of experience (QoE) with gigabits per second speeds and low latency – less than 50 milliseconds.

#### **Intelligent Network Platform**

Mesh network in space with optical inter-satellite links and beam-hopping technology that enables dynamic and efficient network orchestration and private network segmentation.

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**Enterprise-ready and future-proof so you can prepare today for tomorrow's digital world and beyond.**

# Telesat Lightspeed is the only LEO service platform uniquely designed with SMART attributes to meet enterprise-class requirements.



## Secure

**Designed with security in mind.** Security is embedded in the design of Telesat Lightspeed with continuous security maintained by Telesat's Security Operations Center (SOC). Telesat has adopted the National Institute of Standards and Technology (NIST) Cybersecurity Framework to ensure a robust security posture and ensure continuous protection and peace of mind.



## Managed

**Enterprise-class managed service.** Telesat Lightspeed managed services will meet your unique quality of service (QoS) performance objectives with guaranteed SLAs, while providing you with complete control, visibility and management of services to your customers – all backed by Telesat's 24x7 customer-centric NOC support and 50+ year experience in delivering mission-critical connectivity.



## Adaptable

**Compatible and flexible.** Compliant with MEF 3.0 Carrier Ethernet service standards for seamless plug and play interoperability, Telesat Lightspeed is an agile system designed to integrate into your existing infrastructure with minimum complexity, enabling faster and more efficient deployment of connectivity services.



## Resilient

**Reliable, always on connectivity.** With multiple satellites always in view from your sites, to a mesh OISL-connected network in space, to the ability to land network data at multiple gateways, Telesat Lightspeed provides superior network resiliency by eliminating any single point of failure, ensuring you and your customers experience uninterrupted, enterprise-class connectivity wherever they connect.



## Transformative

**Enterprise-class transformation.** Telesat Lightspeed enables you to cost-effectively expand and accelerate digital transformation for you and your customers. With ubiquitous SMART platform capabilities, you can quickly deploy IoT and cloud-based offerings; offer higher-grade services where alternatives are insufficient, impractical, or unfeasible; and, increase revenue-generating opportunities, customer loyalty, satisfaction, and enthusiasm.

Telesat Lightspeed is the only enterprise-class LEO SMART platform that seamlessly integrates with your network to quickly and cost-effectively deliver superior, high-throughput, low-latency connectivity everywhere.

To transform your network for greater reach and revenue-generating opportunities, visit [www.telesat.com/lightspeed](http://www.telesat.com/lightspeed) or contact a Telesat representative today.



## Contact Us

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