

TELESAT
LIGHTSPEED™



**Cruise beyond the competition
with unbeatable broadband**

TELESAT®

REDEFINE CONNECTED CRUISING



Today's passengers expect to enjoy the same great Wi-Fi they have at home, wherever your cruise ship takes them. But Wi-Fi alone isn't enough to drive-up profits. You also need to take advantage of advanced, cloud-based digital solutions that enable a truly stand-out passenger experience and optimize vessel operations.

Telesat Lightspeed brings extremely fast, highly responsive broadband connectivity to cruise ships, even in the most congested waters. This revolutionary, enterprise-class Low Earth Orbit (LEO) satellite network connects people, applications, and systems across your operations so you can increase loyalty, attract new passengers, and streamline every aspect of your operations.

Make waves with Telesat Lightspeed

With Telesat Lightspeed LEO satellite services, you can finally meet the insatiable demand for broadband wherever your cruise ships travel.



Wow them with Wi-Fi

Give everyone onboard non-stop access to high-quality, real-time video streaming and video calling, cloud services, corporate virtual private network (VPN) and secure email applications, real-time gaming, and much more. All passengers and crew enjoy a first-class connectivity experience whether the ship is in remote seas, super-busy sea lanes, or the most congested ports.



Differentiate with digital experiences

Provide next-gen digital services, immersive entertainment, smart room controls, and connected cruise apps that leverage your superior internet connectivity. When every ship in your fleet offers the same, extraordinary level of connected cruise services and your cruise line apps perform equally well on land and at sea, you'll see the results in your passenger satisfaction and Net Promoter Scores.



Make every ship a smart ship

Bring the benefits of centralized smart ship solutions to every vessel in your fleet. Now you can streamline all aspects of vessel operations, from passenger and reservation management to crew management and coordination with shore-based support teams. And you can take advantage of cloud-based solutions that improve predictive maintenance, sustainability, and safety.

Enterprise-class features for maximum reliability, security, and flexibility

Telesat Lightspeed delivers enterprise-class LEO satellite services that meet your business-critical connectivity requirements.



Always-on connectivity

The Telesat Lightspeed network architecture includes redundancies and path diversity mechanisms on the ground and in space. Together, these safeguards create a resilient, self-healing network that's always available and always provides the fastest path between any two points on earth.

Throughout the voyage, satellite beams follow your vessel movements to provide complete coverage at all times. When ships enter congested waters or busy ports, multiple satellite beams are concentrated on the area to maintain consistently excellent quality of service and quality of experience.



Guaranteed performance

Telesat Lightspeed connectivity services are backed with service level agreements (SLAs) that ensure your cruise operations receive the bandwidth, reliability, and responsiveness they require. These performance guarantees are essential to support the high-bandwidth, latency-sensitive services and applications your passengers and crew rely on, including onboard digital services, video streaming, video calls, and real-time operational systems.



Built-in cybersecurity at every level

Every component of the Telesat Lightspeed network, from the spacecraft to user terminals, to the IT infrastructure that manages network operations, follows Secure by Design principles. These principles ensure that security measures are incorporated into hardware and software from the earliest design stages, and never added as an afterthought.

Telesat has adopted the National Institute of Standards and Technology (NIST) Cybersecurity Framework (CSF) in its entirety for our corporate systems, and included the CSF controls in Telesat Lightspeed systems specifications. We've also built-in hundreds of military-defined cybersecurity controls.

End-to-end data encryption remains fully under the control of your organization or your trusted technology partners, ensuring alignment with company-specific security policies and operational needs.



Around-the-clock network monitoring and support

We monitor the entire Telesat Lightspeed network around-the-clock, every day of the year, from our cybersecurity and satellite operations centres. We provide immediate insight into network issues, and we're always available to provide real-time support by phone.



A range of antenna types and sizes

The Telesat Lightspeed network communicates with antennas from an open ecosystem of manufacturers, giving you the flexibility to choose the optimal antenna size, performance level, and form factor. For maximum flexibility, our maritime portfolio includes antennas that support satellite services from multiple orbits.

Count on a proven satellite industry leader

Telesat is one of the most innovative and successful global satellite operators. After more than 55 years delivering industry-first innovations in GEO satellites, we've combined our decades of experience with our deep understanding of enterprise-class requirements to develop Telesat Lightspeed, the LEO satellite network that will extend broadband from sea to sea and everywhere in between.

With Telesat Lightspeed LEO satellite services, you gain access to the reliable, secure, and flexible broadband you need to delight passengers and upgrade to smarter, more efficient operations.



Learn more

For more insight into how Telesat Lightspeed can help you cruise beyond the competition, contact us at www.telesat.com/contact-us.

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