

**TELESAT**  
**LIGHTSPEED™**

**Bring the at-home connectivity  
experience to the skies**

**TELESAT®**

# Give passengers the connectivity experience they expect

When passengers travel by air today, they expect the same connectivity experience they enjoy at home. Unfortunately, this experience is typically not possible, and inflight connectivity (IFC) can drop out completely on polar flight routes.

Telesat Lightspeed brings the at-home connectivity experience to all of your passengers from gate-to-gate, globally. This revolutionary Low Earth Orbit (LEO) satellite network takes ultra-fast, low-latency connectivity wherever your planes travel to attract more customers and open the door to new revenue opportunities and efficiencies.

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## Take your IFC experience from standard to stellar with Telesat Lightspeed

### Provide always-on connectivity with guaranteed performance

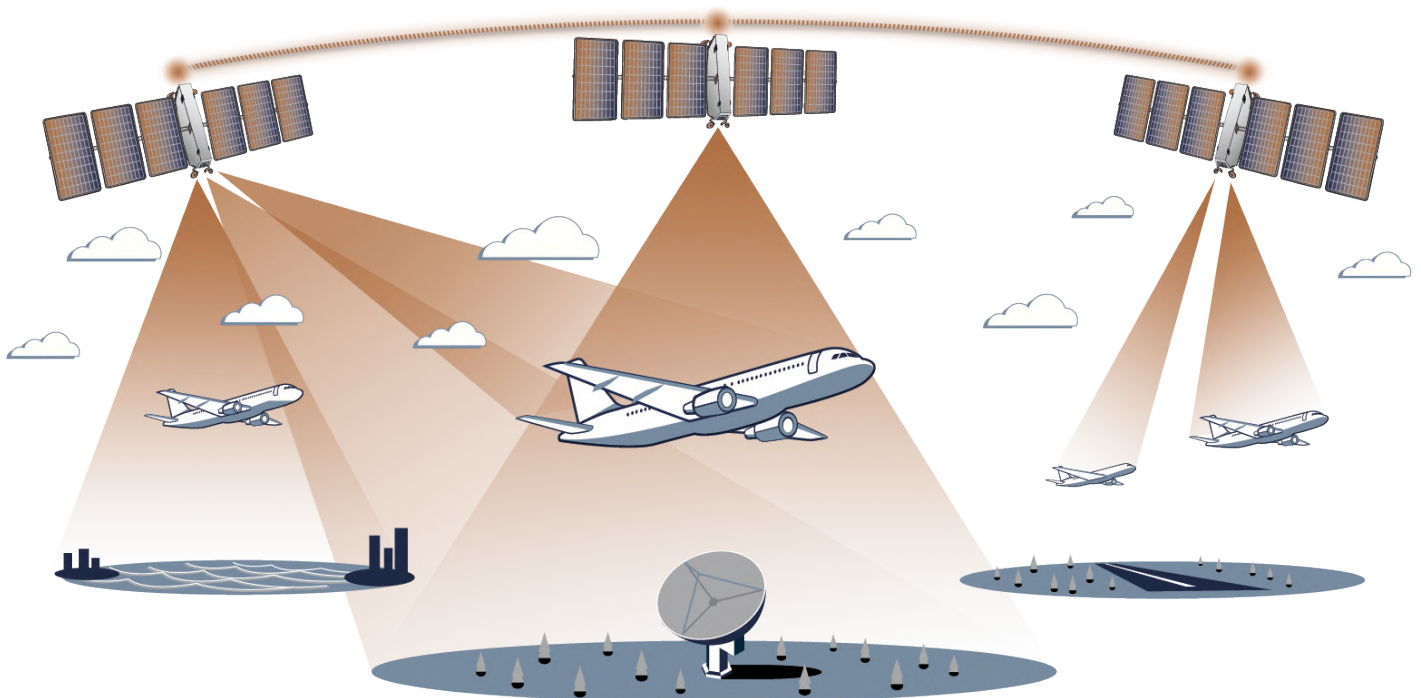
Differentiate from best-effort IFC services by giving every passenger reliable access to high-capacity, high-performance connectivity globally, even over polar routes. Internet connectivity never drops out, network quality never deteriorates, and every passenger can simultaneously access their favourite applications and services.

### Deliver an excellent IFC experience on all flights

Ensure passengers enjoy a consistent experience throughout their journey with your airline. With a global network of high-throughput satellites that can instantly concentrate multiple Gbps of capacity wherever it's needed, you can deliver the same, superior connectivity experience across your entire fleet, on every route, gate-to-gate.

### Support the most demanding, real-time applications

Keep passengers of all ages and with all interests happy and productive. Every application and service performs as it does at home, whether passengers want to watch streaming content, play real-time, interactive video games, access cloud services, encrypted email, and virtual private networks (VPNs), or shop online.



# Enterprise-class features that meet your reliability, flexibility and security needs

## Guaranteed IFC performance and experience

Telesat Lightspeed connectivity services are backed with service level agreements (SLAs) that ensure quality of service (QoS) metrics are met. Your IFC service provider can combine these performance metrics with quality of experience (QoE) metrics captured onboard the aircraft to ensure your requirements are always met and the inflight connectivity experience remains stellar.

## Resilient, self-healing network

The Telesat Lightspeed network includes redundancies and path diversity mechanisms on the ground and in space to ensure your inflight connectivity is always available.

## Built-in cybersecurity at every level

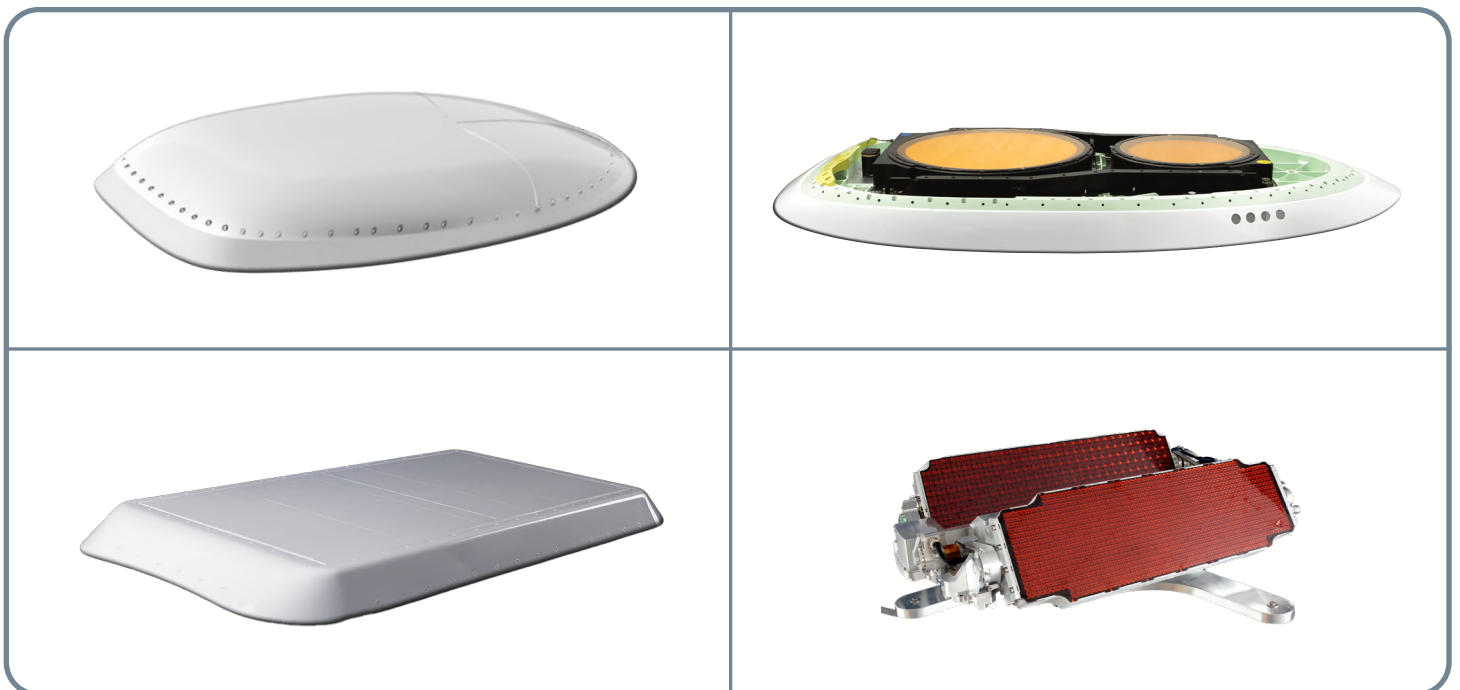
Telesat has adopted the National Institute of Standards and Technology (NIST) Cybersecurity Framework (CSF) in its entirety for its corporate systems, and has included the CSF controls in its Telesat Lightspeed systems specifications. Additionally, your IFC service provider has complete control over data encryption.

## Around-the-clock network monitoring and support

The entire Telesat Lightspeed network is monitored 24x7x365 from our cybersecurity and satellite operations centres and we are always available to speak with your IFC service provider.

## Multiple antenna types and sizes

Telesat Lightspeed supports antennas from an ecosystem of manufacturers to meet your performance, size, weight, and power requirements. And you can futureproof your inflight antenna decisions by selecting Ka-band equipment that can seamlessly access or transition to the Telesat Lightspeed network for ubiquitous coverage.



## Rely on a proven satellite industry leader

Telesat is one of the largest and most successful satellite operators globally. 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 network that's designed and built to deliver consistently superior inflight connectivity experiences.

For more insight into how Telesat Lightspeed can help you elevate your inflight connectivity experience, contact us at [www.telesat.com/contact-us/](http://www.telesat.com/contact-us/).

## Contact Us

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