



An established satellite operator,
Telesat leverages 55+ years of
innovation

Telesat Lightspeed is a fully funded
LEO network that is optimised to
meet the **secure, reliable** and
flexible requirements of enterprises
and governments

It uses **Ka-band spectrum** and
Optical Inter-Satellite Links to create
a resilient mesh network in space,
requiring fewer gateways and
supporting advanced use cases

Satellites begin launching in December
2026. Global services commence with
156 satellites on orbit in late 2027

TELESAT

Space sustainability

- ▲ Satellite operators need spectrum and orbital resources for doing business. Their **responsible behaviour** comes from self-interest
- ▲ **Highest risk** in LEO is **not** caused by **constellations**, but by an aggregation of hundreds of individual payloads that have less sophisticated collision avoidance¹
 - Commercial missions have had a disproportionately low impact on the debris environment despite comprising nearly 60% of the payloads ever launched²
- ▲ **Harmonised** rules based on **sound scientific studies** are key: do not establish competing rules in different geographies for the same issue
- ▲ Leverage technical and operational experience of **Industry** in the development of regulations (e.g., implementing acts of EU Space Act)

¹ McKnight, D. et al. – “Modelling Empirical Orbital Capacity” - 2023

² Dale, E. et al. – “Quantifying Space Debris Contributions from Government and Commercial Actors” - 2025

