KEPLER

The Kepler Network

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A Trusted Partner in Space Communications

Delivering Data at Lightspeed

The Kepler Network provides customers with always-available coverage in LEO, streamlining on-orbit communications with sub-second end-to-end latency, gigabit throughputs, and onboard processing to enable access to space-generated data in near-real time.

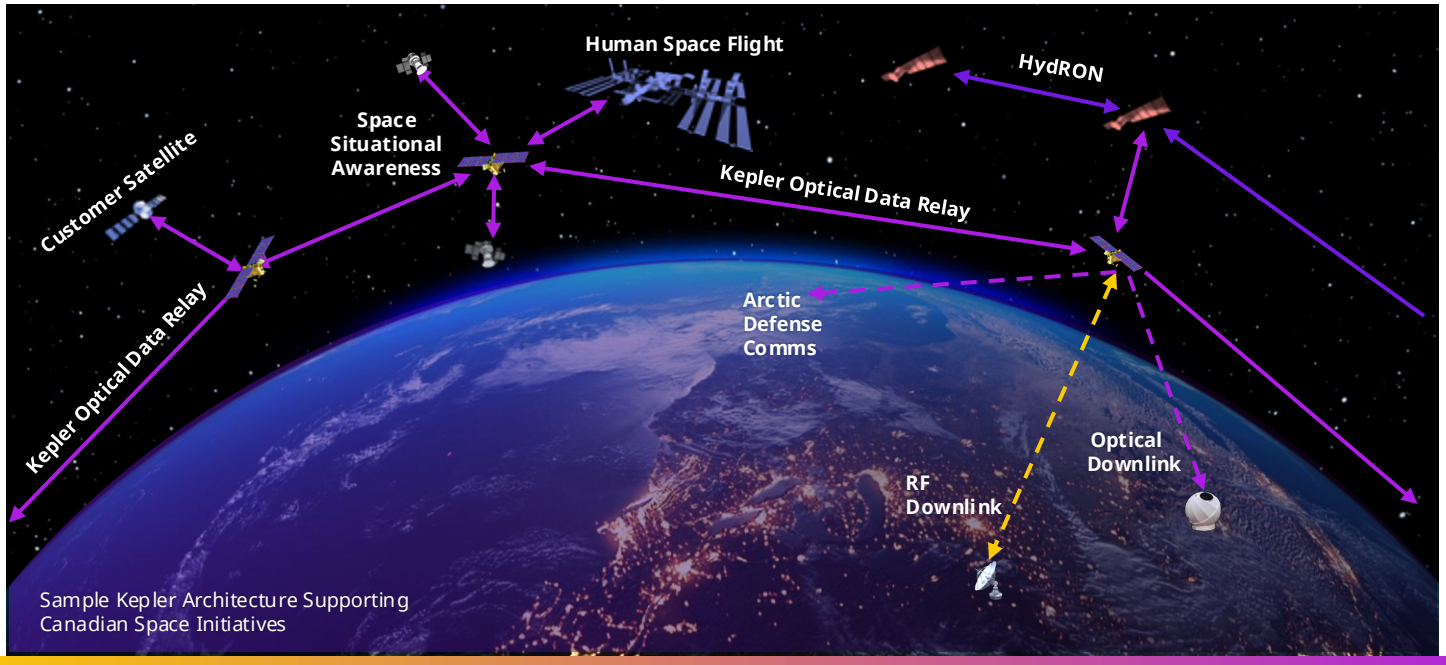
Customizable Infrastructure

Meet the requirements of your mission with Kepler's flexible architecture. Headquartered in Toronto, Kepler is producing cutting-edge space capabilities in the heart of Ontario. Take advantage of our bespoke offerings and vertical integration, featuring an in-house production facility to develop, manufacture, and test our satellites on-site.

Scalable Operations

Established in 2015, Kepler has built a thriving space business with advanced manufacturing capabilities, an established supply chain, and constellation management to support the growing demands of satellite communications. We are committed to providing dynamic solutions to our valued commercial and Government partners.

- Industry-leading space capabilities
- Delivering sovereign space systems
- Providing real-time intelligence and Arctic communications
- Scalable with open-standards based architecture



Sample Kepler Architecture Supporting Canadian Space Initiatives

Unlock The Possibilities With The Kepler Network

Optical Data Relay On Demand

Kepler's optical data relay constellation provides space assets with an on demand, bidirectional gigabit communications link. Connect to our network using a selection of SDA-compatible optical terminals to obtain direct low-latency Internet access for your spacecraft. We take the guesswork out of mission communications by offering multiple connectivity options, allowing operators to plan communications on a timeline that makes sense for each mission

Full Coverage For Low Earth Orbit

Kepler's Tranche 1 ring of 10 satellites is launching Q4 2025 and will immediately provide initial data relay capabilities, including Arctic communications. Following shortly after, Tranche 2 will achieve over 95% coverage in LEO and will provide 100 Gbps, meeting projected customer needs.

Advanced Computing Capabilities For Space

Powered by state-of-the-art edge compute hardware integrated onto our satellites, Kepler delivers advanced data processing, mission autonomy, and reliability for space applications, including on-orbit data centers and human spaceflight . We are enabling actionable intelligence with real-time processing in space for time-sensitive applications and autonomous space operations.

Hosted Payloads

Kepler's Hosted Payload offering provides a streamlined and cost-effective solution for customers seeking to deploy their technology in space without the burden of managing an entire spacecraft. Leveraging Kepler's flexible satellite platform and flight-proven infrastructure, customers can integrate and operate their payloads with rapid turnaround and access to global ground segment support.

Customize Your Mission

Harness the power of collaborative innovation by partnering with Kepler for your space communications. Together, we can lead development for the future of space, support economic and export initiatives, and build programs that increase sovereign footprints in the global space economy.

Company Features:

- Proudly Supporting U.S. Customers Through Our U.S. Entity.
- Washington, D.C. area office space
- North American production facility with 30,000 square feet of production, test, operations, and office space.
- Proven optical intersatellite link technology and IP mesh networking on orbit.
- Hybrid constellation offering high-speed downlink capabilities in both RF and optical technologies .
- Full-coverage space segment complimented by a global network of ground stations.
- **Contact us** for customizable solutions to meet the dynamic requirements of your mission.

From left to right: Kepler Gen 2 satellites undergoing final inspection, image from Kepler Gen 2 satellite on-orbit, and signature ceremony for HydRON contract.