

NEWSPACE MARKET · COMPANY PROFILE



Kepler Communications

Canada · founded 2015 · kepler.space

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WITH DATASHEETS

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as of 20 August 2026



Kepler Communications

Kepler Communications is a satellite telecommunications company headquartered in downtown Toronto, Canada, with additional presence in the United States and United Kingdom. The company's mission is to build the internet for space, enabling space-to-space and space-to-ground data relay for missions in low Earth orbit and beyond. Kepler is vertically integrated, operating an in-house production facility to design and deploy a hybrid optical constellation that acts as an on-orbit internet exchange point. The Kepler Network delivers always-available, on-demand connectivity, letting satellite operators move mission data at lightspeed rather than waiting for ground station passes. Beyond connectivity, Kepler offers Kepler Compute, on-orbit edge processing that brings advanced data processing closer to the source for faster decision-making, and Kepler Hosted, hosted payload services that use Kepler's active satellite network to get missions into orbit faster and reduce cost, schedule risk, and technical complexity. Kepler has launched multiple tranches of optical relay satellites and was selected as prime contractor for ESA's HydRON program element.

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Services

Hosted Payload Services

Kepler offers hosted payload services, allowing customers to integrate their payloads onto Kepler's space infrastructure to reduce cost, schedule risk, and technical complexity.

On-orbit Compute

Kepler offers on-orbit compute capabilities, bringing advanced processing closer to the data source for faster decisions and autonomous systems.

Real-time Connectivity

Kepler provides real-time connectivity for space missions through its network, acting as a cloud environment on orbit.

Product catalogue



KEPLER COMMUNICATIONS

Kepler Hosted

Kepler Hosted is a hosted payload service that combines proven space infrastructure, onboard compute, and optical data relay to accelerate the delivery of mission-critical informat

Frequency band	Ku-band
Data rate per terminal	8–100 Mbps
Latency	< 400 ms
Orbit	LEO (Kepler GEN2)
Coverage	Global, including Arctic >60°N
Services	Real-time streaming + store-and-forward
Target markets	Maritime, aviation, energy, remote enterprise

[price on request](#) [datasheet](#)



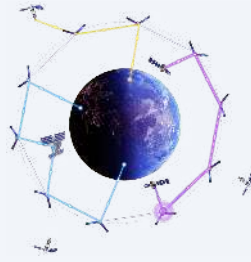
KEPLER COMMUNICATIONS

Kepler Network

Optical data-relay constellation providing always-available, real-time connectivity and on-orbit compute for LEO missions.

Flight heritage	33 satellites launched to date
Spacecraft class	~300 kg-class hosting spacecraft
Payload power	Hundreds of watts available for hosted payloads
Deployment cadence	~10 satellites every 2 years (next tranche T2 in 2028)
Services	Real-time optical connectivity, on-orbit edge compute (Kepler Compute), hosted payload (Ke

[price on request](#) [datasheet](#)



KEPLER COMMUNICATIONS

KepNet LEO Connectivity Network

Low-latency LEO satellite broadband connectivity service for maritime, aviation, and remote industrial sites — real-time data relay and IoT sensor connectivity from growing constel

Orbit	LEO (~550 km)
Latency	<50 ms round-trip (LEO advantage)
Service Type	Broadband, real-time data relay, IoT
Coverage	Global including high-latitude regions
Markets	Maritime, aviation, remote industrial, oil & gas
Integration	Terrestrial IP network compatible

price on request

Contact Kepler Communications

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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