



NorthStar Earth & Space

Canada · founded 2015 · northstar-data.com

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as of 20 August 2026



NorthStar Earth & Space

Founded in 2015 and headquartered in Montreal, Canada, NorthStar Earth & Space Inc. is a space data intelligence company building the world's first commercial, space-based Space Situational Awareness (SSA) service. NorthStar operates a dedicated optical satellite constellation and data platform designed to persistently monitor both the space environment and the Earth's surface, with additional offices in Luxembourg and McLean, Virginia. Through its Space Information & Intelligence (SI²) service line, NorthStar delivers space traffic data, collision avoidance, navigation assistance, change detection and high-fidelity cataloguing of orbital objects to private companies, government agencies, insurers, regulators and investors participating in the growing space economy. The company's space-based sensors are designed to track and characterize objects in orbit with a precision and timeliness that ground-based systems alone cannot match. NorthStar's Earth Information & Intelligence (EI²) product line extends beyond traditional Earth observation by fusing hyperspectral, infrared and multi-source satellite data into diagnostic information products. These are used to support forestry management, sustainable agriculture, and greenhouse gas emissions monitoring, helping users and communities manage natural resources sustainably in the face of environmental degradation and climate change. NorthStar has raised significant venture financing, including a CA\$20 million Series D round, to fund the deployment of its space-based SSA constellation, and successfully launched its first NorthStar-1 satellites as part of this effort.

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SERVICES

Services

Earth Data Services

NorthStar is developing a data-driven platform to provide Earth data services for the sustainable management of Earth's natural resources.

Space Data Services

NorthStar provides space data services focused on accurately tracking and predicting the position of space objects to ensure safety in spaceflight.

Space Traffic Data, Collision Avoidance and Navigation Services

NorthStar provides timely and precise space traffic data, collision avoidance, and navigation services to ensure safe and sustainable space operations for the New Space Economy.

Product catalogue



NORTHSTAR EARTH & SPACE

El² — Earth Information & Intelligence

Data-driven Earth observation platform delivering hyperspectral and infrared intelligence for forestry, agriculture and emissions monitoring.

Service type	Earth observation and resource intelligence platform
Focus	Sustainable management of natural resources
Access	Operators, communities, and stakeholders
Data source	Satellite-derived environmental data

price on request



NORTHSTAR EARTH & SPACE

Sl² — Space Information & Intelligence

Space domain awareness data and analytics for collision avoidance, space traffic management and orbital object cataloguing.

Service type	Commercial Space Situational Awareness (SSA) from space
Data product	Real-time 3D catalogue of space objects
Sensor type	Dedicated optical sensors on satellite constellation
Capabilities	Space Traffic Data, Collision Avoidance analytics, Navigation Services
Customers	Commercial satellite operators, government agencies
Notable	First commercial SSA service monitoring space from space

price on request

Contact NorthStar Earth & Space

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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