



Skyloom Global Corp.

United States · founded 2017 · skyloom.co

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PRODUCTS

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SERVICES

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as of 20 August 2026



Skyloom Global Corp.

Skyloom Global Corp. was founded in April 2017 with a mission to build fiberless optical internet infrastructure in space. The company began operations in Oakland, California in 2020 before relocating its headquarters and manufacturing to a 25,000-square-foot facility in Broomfield, Colorado, in 2023, where it is AS9100 certified. Skyloom develops laser optical communication terminals and a GEO relay network, having delivered terminals for the Space Development Agency's Tranche 0 and Tranche 1 programs, including deliveries to York Space Systems launched on Ariane 6, and integration work with Satellogic. The company has also partnered with SpaceCompass on a GEO relay agreement, with Officina Stellare (branded Skyloom Europe), and collaborated with Honeywell and NEC, in addition to demonstrations with Axiom Space and Kepler Communications and an \$18 million USAF award. Skyloom's product line covers the full optical relay chain: LEO-to-LEO and LEO-to-ground/airborne/maritime terminals, LEO user terminals linking to GEO relay satellites, a GEO optical relay satellite, and ground-based optical ground stations. In 2026 the company became a wholly-owned subsidiary of IonQ, Inc.

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Services

Data delivery from space to cloud provider or API Skyloom delivers customer data from space directly to their cloud provider or API in seconds.	High-capacity optical data transport services Skyloom provides high-capacity optical data transport services to improve speed and availability in low Earth orbit for various applications.
Intelligent, on-orbit routing Skyloom offers intelligent, on-orbit routing to ensure data reaches its intended destination.	Optical data relay services Skyloom's optical data relay services significantly increase bandwidth and availability at competitive rates.

Product catalogue

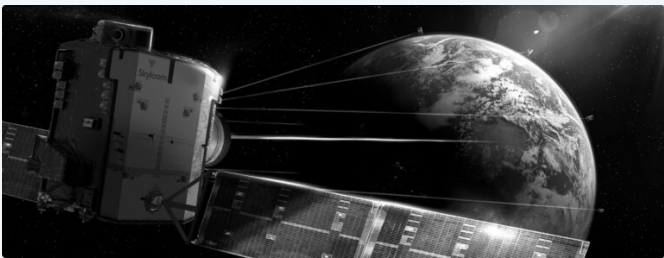
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Scotty LEO User Terminal

LEO user optical terminal enabling multi-Gbps LEO-to-GEO data relay via Skyloom's optical network, up to 20 Gbps.

Network access	Enables access to Skyloom's network via GEO
Data rate	Supports LEO-GEO links up to 20 Gbps
Field of regard	Hemispherical Field Of Regard
Acquisition and tracking	Autonomous acquisition and tracking
Standards compliance	Interoperable with SDA OCT Standard

price on request



SKYLOOM GLOBAL CORP.

Skyloom Optical Data Transport Network (V'GER, Scotty, Uhura, Kirk)

Skyloom is deploying an optical data transport network in space, leveraging small geostationary relay nodes to provide low-latency and high-capacity data transportation services fo

V'GER Data Rate	1-10 Gbps
V'GER Link Types	LEO-LEO, LEO-Ground, LEO-Airborne, LEO-Maritime
Scotty Link Type	LEO-GEO
Scotty LEO-GEO Link Speed	up to 20 Gbps
Scotty Field Of Regard	Hemispherical
Uhura Speed to orbit in GEO	5 days
Uhura LEO - GEO OCT Data Rate	20 Gbps

price on request

Contact Skyloom Global Corp.

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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