

NEWSPACE MARKET · COMPANY PROFILE



Omnispace

United States · founded 2012 · omnispace.com

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newspacemarket.com/companies/omnispace-merging-with-lynk-global/

as of 20 August 2026



Omnispace

Omnispace is a McLean, Virginia-based satellite communications company developing a global non-geostationary (NGSO) satellite constellation based on 3GPP 5G NR (New Radio) standards — the same standards used by terrestrial 5G networks. This unique approach allows Omnispace satellites to communicate directly with standard 5G mobile devices without requiring special hardware, enabling seamless satellite-terrestrial connectivity for smartphones and IoT devices globally. Omnispace's constellation targets the rapidly growing Non-Terrestrial Networks (NTN) market, working with mobile network operators to extend their coverage into areas where terrestrial infrastructure is unavailable or uneconomical. The company has signed partnerships with major carriers and satellite operators to develop an integrated satellite-cellular service that maintains device connectivity anywhere on Earth. The company launched its first demonstration satellite, Spark-1, in 2021 to validate its 5G NTN technology on orbit. Backed by the expertise of founders from the satellite communications industry, Omnispace is pursuing the convergence of satellite and 5G networks — a trend accelerating as 3GPP releases define standards specifically for satellite NTN integration, enabling a truly connected world.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Global 5G Mobile Network for Consumers

Omnispace provides a global 5G mobile network that offers seamless mobile internet and voice/data services to consumers anywhere on the planet, supporting direct-to-device connectivity and global roam

Global 5G Mobile Network for Enterprise

Omnispace offers a global 5G mobile network for enterprises, providing reliable, high-capacity voice and data services with global reach to power business growth and innovation.

Global 5G Mobile Network for Government

Omnispace provides a resilient global 5G mobile network for government use, ensuring reliable, ubiquitous handheld mobile communications for personnel in the field, supporting command and control.

Global 5G Mobile Network for IoT

Omnispace offers a global 5G mobile network for IoT, combining satellite reach with mobile networks to provide reliable, scalable, and affordable continuous connectivity for any IoT application.

Product catalogue

OMNISPACE

Omnispace Global 5G Hybrid Network

The world's first truly global 5G hybrid satellite-terrestrial network delivering direct-to-device connectivity using 3GPP standards and NGSO S-band satellites.

Orbit type	NGSO (Non-Geostationary)
Spectrum band	S-band (globally harmonized mid-band)
Standards	3GPP (5G NB-IoT and broader 5G)
Connectivity mode	Direct-to-device, single SIM global roaming
Network type	Hybrid satellite-terrestrial
Demonstrated capability	5G NB-IoT over NGSO satellite (Gatehouse Satcom / Nordic Semiconductor demo, May 2025)

price on request



OMNISPACE

Omnispace IoT Connectivity Service

Global satellite IoT connectivity via 5G NB-IoT for continuous monitoring of fixed and mobile assets — agriculture, energy, logistics, aquaculture, and defense.

Standard	5G NB-IoT (3GPP)
Orbit	NGSO (Non-Geostationary)
Coverage	Global (satellite + terrestrial hybrid)
Asset support	Fixed and mobile
Target verticals	Agriculture, energy, logistics, aquaculture, natural resources, defense
Demonstration	5G NB-IoT over NGSO demonstrated May 2025 (Gatehouse Satcom / Nordic Semiconductor)

price on request

Contact Omnispace

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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