

NEWSPACE MARKET · COMPANY PROFILE



ligado
NETWORKS

Ligado Networks

United States · ligado.com

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as of 20 August 2026



Ligado Networks

Ligado Networks is a Reston, Virginia-based satellite communications company that holds valuable L-band spectrum licenses in the United States. The company's spectrum position between 1525-1559 MHz and 1626.5-1660.5 MHz enables satellite and terrestrial connectivity services for a range of critical applications. Ligado has worked to leverage its L-band spectrum for next-generation IoT (Internet of Things) connectivity, critical infrastructure communications, and hybrid satellite-terrestrial broadband networks. The company has faced a complex regulatory journey around its spectrum use, particularly around adjacent spectrum coordination with GPS receivers and the Department of Defense. Despite significant delays and opposition from GPS stakeholders, Ligado received conditional FCC approval in 2020 and continues to develop its business strategy around its spectrum assets, which remain valuable for future satellite broadband and IoT applications in an increasingly connected economy.

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SERVICES

Services

Direct-to-Device (D2D) Satellite Services

Ligado extends mobile coverage to smartphones and IoT devices beyond cell towers using its SkyTerra-1 satellite and L-band MSS spectrum, providing ubiquitous, weather-resistant, and standards-based co

Mobile Private Networks

Ligado offers Mobile Private Networks to enterprise customers, providing dedicated, always-on, reliable, secure, and flexible coverage solutions for critical communications.

Mobile Satellite Services (MSS)

Ligado provides reliable mobile satellite connectivity across North America, supporting millions of devices from geostationary orbit and enabling high-throughput mobile communications beyond terrestri

MSAT Voice and Push-To-Talk Services

Ligado offers MSAT Voice and Push-To-Talk services for critical communications in areas without land-based communications or during disaster situations, serving emergency responders, maritime fleets,

Multi-Orbit Satellite Networks

Ligado is developing multi-orbit satellite networks by combining NGSO and GSO systems to deliver faster, more resilient, and higher-capacity broadband connectivity, enhancing network performance and s

Product catalogue



LIGADO NETWORKS

SkyTerra-1 Direct-to-Device Network

Geostationary satellite platform enabling direct-to-device connectivity for consumer devices — 22-meter reflector antenna, MSS L-band, multi-orbit partnership with AST SpaceMobile.

Antenna	22-meter reflector
Frequency band	MSS L-band, 1.5/1.6 GHz
Orbit	Geostationary (GSO); multi-orbit partnership with NGS0/LEO
Architecture	Bent-pipe
Standards	3GPP Release 17 NTN band

price on request

Contact Ligado Networks

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.

<https://newspacemarket.com/companies/ligado-networks/>

<https://www.ligado.com/>

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