

NEWSPACE MARKET · COMPANY PROFILE

SATELIOT
Space · Connecting · 5G IoT

Sateliot

Spain · founded 2019 · sateliot.space

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as of 20 August 2026



Sateliot

Sateliot was founded in 2019 in Barcelona, Spain, with the mission of building the world's first satellite constellation operating the 5G NB-IoT (Narrowband IoT) standard in low Earth orbit. Unlike proprietary satellite IoT protocols, Sateliot uses the 3GPP 5G standard for direct-to-satellite connectivity, enabling commercial off-the-shelf NB-IoT modules to connect directly to its satellites without firmware changes — dramatically reducing the cost of global IoT deployment. Satelio's constellation provides 5G NB-IoT service in the licensed spectrum (800 MHz band) from LEO, extending terrestrial 5G mobile network coverage to maritime, remote, and rural areas where MNO infrastructure is economically unviable. The company's service is designed to be transparent to existing IoT devices — sensors, trackers, meters, and actuators that already use standard NB-IoT modules can gain global satellite connectivity without hardware replacement. Target markets include maritime logistics (container and vessel tracking beyond cellular), agriculture (remote soil sensors and irrigation controls), utilities (smart metering in rural areas), transportation, and industrial IoT applications requiring reliable connectivity from remote locations. Sateliot has signed agreements with multiple mobile network operators and IoT platform providers to integrate satellite connectivity as an additional access tier within existing network infrastructure.

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SERVICES

Services

5G NTN Certification Program

A certification program to validate hardware competency and compliance with the 5G NB-IoT NTN standard, accelerating time-to-market and gaining credibility for devices.

Access to Sateliot's Test Environment

Customers can access Sateliot's test environment to experience connecting to a LEO satellite and verify device functionality.

Personalized Demo with Solutions Expert

Customers can schedule a personalized demo with a solutions expert to see how Sateliot's 5G satellite connectivity can extend their reach and simplify operations.

Provision of Satellite Connectivity for Social and Environmental Projects

Sateliot provides free satellite capacity to NGOs and projects with social and environmental impact, enabling monitoring and conservation efforts.

Product catalogue

SATELIOT

5G NB-IoT Satellite Connectivity Service

First 5G standard satellite constellation for massive IoT — 3GPP NB-IoT over LEO, standard chipsets connect to orbit without modification, global coverage for sensors, trackers, an

Standard	3GPP 5G NB-IoT (3GPP Rel. 13)
Frequency	800 MHz licensed band
Orbit	LEO
Device Compatibility	Standard NB-IoT chipsets (no firmware modification)
Revisit	Every few hours per location
Applications	Maritime, agriculture, logistics, utilities, environment
Business Model	Via MNO roaming agreements

price on request



SATELIOT

Sateliot 5G NTN IoT Constellation

LEO 5G NB-IoT nanosatellite constellation — world's first 5G NTN commercial standard (3GPP Rel. 17), extends NB-IoT connectivity globally including oceans and remote areas, 100+ sa

Standard	3GPP Release 17 NR NB-IoT (5G NTN)
Orbital altitude	500–600 km LEO
Frequency band	L-band / S-band
Device compatibility	Existing NB-IoT devices (SW update only)
Planned constellation	100+ satellites
Coverage	Global (including oceans and remote areas)
Applications	Connected vehicles, logistics, agriculture, maritime, smart meters

price on request

Contact Sateliot

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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