



NuSpace Pte Ltd

Singapore · founded 2018 · nuspace.sg

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PRODUCTS

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SERVICES

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as of 20 August 2026



NuSpace Pte Ltd

NuSpace Pte Ltd is a Singaporean space technology company founded in 2018 and focused on satellite-enabled Internet of Things (IoT) connectivity. The company designs, builds, and operates nanosatellites in low Earth orbit to provide affordable, global IoT data services connecting sensors and devices in remote and underserved locations. NuSpace's satellite IoT platform targets industries including agriculture, maritime, logistics, environmental monitoring, and asset tracking where ground-based cellular or Wi-Fi connectivity is unavailable or cost-prohibitive. By deploying nanosatellites, the company delivers low-latency data relay services across the Asia-Pacific region and globally. As a Singapore-based company, NuSpace benefits from the city-state's strong aerospace and technology ecosystem, government support for commercial space activities, and proximity to Southeast Asian markets with significant demand for remote monitoring and precision agriculture solutions. NuSpace has developed in-house capabilities in satellite design, software-defined radio ground systems, and IoT protocol stacks, positioning the company as an end-to-end provider of satellite IoT solutions for commercial and government customers throughout Asia and beyond.

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Services

Environmental Testing of Satellites NuSpace performs environmental testing to ensure satellite compliance and durability by subjecting them to harsh space conditions like extreme temperatures, vacuum, and vibrations.	IoT Connectivity Services NuSpace provides IoT connectivity across Southeast Asia, enabling sensor-to-satellite communication for remote sensors and disseminating collected data to users.
Launch Slot Bookings and Payload Ridesharing NuSpace handles launch slot bookings for satellites and offers payload ridesharing for quick, cost-effective in-space technology validation and data collection.	Satellite Assembly and Integration NuSpace builds and integrates entire satellites, combining various components and subsystems into a cohesive system and testing them to ensure functionality.
Satellite Mission Design NuSpace designs satellite missions from the ground up, using a requirement matrix to guide the selection of suitable satellite subsystems and ensure mission objectives are met.	

Product catalogue



NUSPACE PTE LTD

IoT Connectivity Services & Satellite-As-A-Service

NuSpace provides satellite-based IoT connectivity across Southeast Asia for remote sensor data collection and offers comprehensive satellite-as-a-service, including mission design,

Products	IoT satellite connectivity modules
Applications	Asset tracking, remote sensor connectivity
Country	Singapore
price on request	



NUSPACE PTE LTD

NuLink — LEO LoRaWAN IoT Satellite Constellation

NuSpace's NuLink is a LoRaWAN LEO IoT satellite constellation (NuLink-1/2 operational since May 2026, ~597 km SSO) enabling direct sensor-to-satellite IoT for GPS trackers, carbon

Protocol	LoRaWAN (direct sensor-to-satellite, no gateway required)
Constellation	NuLink-1 & NuLink-2 operational; 70+ satellites planned
Orbit	Sun-synchronous, ~597 km, 97.7° inclination
Launch	May 3, 2026 – SpaceX Falcon 9, Vandenberg AFB
Antenna	3D-printed space-grade PEEK – 29 parts consolidated to 11 (~300% cost reduction)
Target market	Southeast Asia and global underserved regions
Applications	GPS tracking, carbon monitoring, livestock tracking, hiker SOS, remote sensors
price on request	

Contact NuSpace Pte Ltd

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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