

Thales Alenia Space

France · founded 2007 · thalesaleniaspace.com

4

PRODUCTS

5

SERVICES

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as of 20 August 2026



Thales Alenia Space

Thales Alenia Space is a joint venture between Thales (67%) and Leonardo (33%), headquartered in Cannes, France. Founded in 2007 from the merger of Alcatel Alenia Space, the company is one of Europe's leading space manufacturers with approximately 7,500 employees across 10 sites in France, Italy, Belgium, Spain, and the United Kingdom. The company specializes in telecommunications satellites, Earth observation satellites, science missions, orbital infrastructure, and navigation systems. Notable programs include the COSMO-SkyMed Earth observation constellation (Italy), OneWeb internet satellites (co-manufacturer), Stratobus stratospheric airship-satellite, Cygnus cargo spacecraft pressurized module, and ExoMars Trace Gas Orbiter.

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

Assembly, Integration and Test (AIT) activities The company manages and performs Assembly, Integration and Test activities for various mission elements, including the integration of complex scientific instruments.	Design and Development of Subsystems Thales Alenia Space designs and develops critical subsystems for space missions, including onboard computers and radar altimeters.
Industrial Organization and System Integration Thales Alenia Space leads the overall industrial organization and system integration for complex space missions, acting as prime contractor.	Satellite-based Systems Design, Operation and Delivery Thales Alenia Space designs, operates, and delivers satellite-based systems for various applications, including telecommunications, navigation, Earth Observation, and exploration.
Testing and Verification Phases The company conducts extensive testing and verification phases for structural models and flight hardware, including vibration, acoustic, shock, separation, static structural, thermal vacuum, and elect	

Product catalogue



THALES ALENIA SPACE

Herakles Multi-Function Radar and Space Surveillance Sensors

Thales Group is a French multinational defense, aerospace, and digital security company headquartered in La Défense, Paris. In the space sector, Thales provides ground-based space

price on request



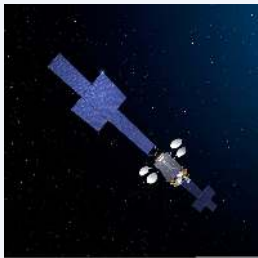
THALES ALENIA SPACE

Space INSPIRE

Fully digital, in-orbit reconfigurable geostationary telecommunications satellite platform.

Orbit	Geostationary orbit
Propulsion	All-electric
Reconfigurability	Full in-orbit digital reconfiguration of coverage, capacity and beams
Example missions	JSAT-31, JSAT-32/Horizons-4, Eshail-3/Türksat-Biruni

price on request



THALES ALENIA SPACE

Spacebus NEO

All-electric geostationary telecommunications satellite platform with modular design and high payload power.

Orbit	Geostationary orbit
Mission life	15 years
Payload power	up to 20 kW
Launch mass	up to 7.6 tonnes
Payload mass	up to 2 tonnes
Propulsion	All-electric
Launch vehicle compatibility	Compatible with all major launch vehicles

price on request



THALES ALENIA SPACE

Telesat Lightspeed LEO Satellite

Small/medium-class LEO broadband satellite with optical inter-satellite links, built by Thales Alenia Space as prime contractor for Telesat's Lightspeed constellation.

Constellation size	188 operational satellites plus 10 in-orbit spares (revised from original 298)
Satellite mass class	700-750 kg
Orbit altitude	~1,000 km
Orbit configuration	Polar and inclined orbital planes
Optical inter-satellite links	4 per satellite (~1,200 across constellation)
Beam capacity	~135,000 dynamically steerable multi-Gbit/s beams
Constellation throughput	up to 15 Tbit/s (full build) / ~10 Tbit/s (reduced build)

price on request

Contact Thales Alenia Space

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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<https://www.thalesaleniaspace.com>

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