

NEWSPACE MARKET · COMPANY PROFILE

SITAE^L

SITAE^L S.p.A.

Italy · founded 1994 · sitael.com

7

PRODUCTS

4

SERVICES

newspacemarket.com/companies/sitael-now-sitael-angel-group/

as of 20 August 2026

SITAEL S.p.A.

SITAEL S.p.A. is Italy's largest privately-owned aerospace company, part of the Angel Group (formerly Angelo Investments), an Italian industrial holding of high-tech companies spanning aerospace, railway, digital, and mechatronic sectors. SITAEL's corporate roots trace to 1994, when CAEN Aerospace and Aurelia Microelettronica were spun off from CAEN; through a series of mergers — CAEN Aurelia Space (2009), renamed SITAEL Aerospace (2010) after acquisition by Angel Holding, then merged with MEL System (December 2011) — the modern SITAEL S.p.A. was formed. A further merger with Alta and ALMASpace in December 2014 cemented its position as Italy's largest privately-owned space company. SITAEL is vertically integrated across the small-satellite lifecycle, in compliance with ECSS standards, covering mission analysis and operations, electric propulsion subsystems, and space-qualified electronic equipment. Its Satellite Factory (a 1,200 m² facility in Mola di Bari) and Electric Propulsion Factory support development, qualification, production, and delivery of satellites, subsystems, and constellation components. The company offers turn-key Smart Microsatellite Solutions spanning Earth Observation, small telecom/IoT constellations, in-orbit demonstration/validation (IOD/IOV), and science missions. SITAEL is a recognized leader in electric propulsion, producing a full range of Hall Effect Thrusters from around 100W up to tens of kW, alongside Power and Processing Units, high-voltage power supplies, and magneto-plasma-dynamic thrusters for deep-space exploration. Its Electronics Equipment division designs radiation-hardened microelectronics, ASICs, and space-grade power/drive/control and data-handling systems. The company operates 15 vacuum/thermal-vacuum/ultra-high-vacuum test

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

Complaint Processing for EMC Laboratory Services

SITAEL's EMC Laboratory offers a structured process for handling complaints, including assessment, registration, cause identification, corrective actions, and communication with the complainant.

Diagnostic Engineering Process Management

SITAEL's technical team manages the entire diagnostic engineering process for EMC testing, from product shipment to reporting, including debugging and troubleshooting.

EMC Test Services

SITAEL offers comprehensive EMC test solutions, including pre-compliance testing, debugging, and full compliance measurements for various industries, adhering to international standards.

Mission Analysis and Mission Operations

SITAEL provides end-to-end mission analysis and mission operations services for small satellite systems, covering the complete system lifecycle.

Product catalogue



SITAEL S.P.A.
Electric Propulsion

SITAEL's proprietary Electric Propulsion product line, spanning Hall Effect Thrusters, Magneto Plasma Dynamic thrusters, cathodes, and dedicated power units, supported by in-house

Hall Effect Thruster power range	~100 W up to tens of kW
Hall Effect Thruster flight heritage	ESA SMART-1 (space exploration mission)
MPD thruster power range	a few hundred kW up to multi-MW level
MPD thruster experience	Over 30 years of manufacturing and testing
Low power PPU	300 W PPU, coupled with HT 100 / HT 400 thrusters
High power PPU	5 kW PPU, coupled with HT 5k thruster
Number of vacuum chambers	15

price on request



SITAEL S.P.A.
Hall Effect Thrusters (HT-100/HT-400/HT-5k)

Proprietary Hall Effect Thruster line from ~100W to tens of kW for GEO telecom, LEO, and deep-space missions, with flight heritage including ESA SMART-1.

Power range	~100 W up to tens of kW
HT-100/HT-400 PPU	300 W Power Processing Unit
HT-5k PPU	5 kW Power Processing Unit
Flight heritage	ESA SMART-1 lunar mission and other programmes
Applications	GEO station-keeping, LEO orbit-raising/de-orbiting, deep space

price on request

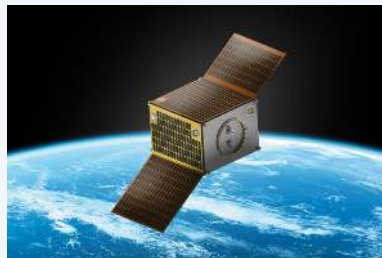


SITAEL S.P.A.

Platino Small Satellite Platform

Platino is SITAEL's small satellite platform developed in partnership with the Italian Space Agency (ASI) as a national flexible and modular platform for Earth observation and

price on request



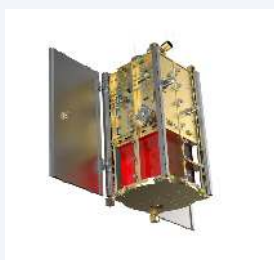
SITAEL S.P.A.

SITAEL S-200 — All-Electric Minisatellite Platform

STRIVING/SITAEL's S-200 is a 200 kg all-electric minisatellite bus with up to 90 kg payload capacity, deployable solar arrays, 10 krad radiation tolerance, star tracker + momentum

Max launch mass	200 kg
Propulsion	All-electric – Hall effect thrusters
Payload mass	up to 90 kg
Power	Deployable solar arrays + high-capacity batteries
AOCS	Star tracker + momentum actuators (3-axis)
Radiation tolerance	up to 10 krad TID
Orbital autonomy	Autonomous orbit deployment capability

price on request



SITAEL S.P.A.

SITAEL S-75 — All-Electric Microsatellite Platform

STRIVING/SITAEL's S-75 is a 75 kg all-electric LEO microsatellite bus with Hall effect propulsion: 25 kg / 30 W avg / 200 W peak payload capacity, 320x320x400 mm payload volume — d

Launch mass	75 kg
Propulsion	All-electric – Hall effect thrusters
Payload mass	up to 25 kg
Payload power (average)	30 W
Payload power (peak)	200 W
Payload volume	320 × 320 × 400 mm
AOCS	3-axis – reaction wheels + magnetorquers

price on request



SITAEL S.P.A.

Small Satellite Platforms (S-75 to S-350)

Modular all-electric satellite platform family from 75kg to 350kg, supporting Earth observation, telecom/IoT constellations, IOD/IOV, and science missions.

Mass range	75 kg (S-75) to 350 kg (S-350)
Propulsion	SITAEL low-power Hall Effect electric propulsion
AOCS	High-performance, star tracker fine pointing, torque/momentum actuators
Payload capacity	Up to 90 kg (EO/TLC/Science/IOV)
Radiation tolerance	Rated up to 10 krad TID
Applications	Earth Observation, telecom/IoT constellations, IOD/IOV, science

price on request

SITAEL S.P.A.

STRIVING Space Mission Services

Italian NewSpace startup providing end-to-end small satellite mission design, systems engineering, and operations services.

Services	Mission design, systems engineering, operations
----------	---

Market	European commercial small satellite sector
--------	--

price on request

Contact SITAE S.p.A.

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/sitael-now-sitael-angel-group/>

<https://www.sitael.com>

© 2026 SITAE S.p.A. — product data. Document compiled by NewSpace Market from the live catalogue on 20 August 2026. May be shared freely.