

NEWSPACE MARKET · COMPANY PROFILE



Fleet Space Technologies

Australia · founded 2015 · fleetspace.com

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PRODUCTS

5

SERVICES

newspacemarket.com/companies/fleet-space-technologies/

as of 20 August 2026



Fleet Space Technologies

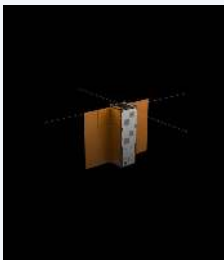
Fleet Space Technologies is an Adelaide-based Australian aerospace company founded in 2015 by Flavia Tata Nardini, Matthew Tetlow, and Matthew Pearson. Originally a satellite IoT communications company, Fleet Space has evolved into the developer of ExoSphere — the world's first end-to-end mineral exploration technology platform that integrates satellite networks, multiphysics data acquisition, edge computing, and AI to deliver real-time 3D subsurface imaging down to approximately 2.5 km depth. ExoSphere enables geoscience teams to direct exploration and development capital to high-probability targets with 3x faster exploration timelines, 50%+ improvement in targeting accuracy, and de-risking of drill programs. Fleet Space has delivered 400+ projects globally and is used by 54% of tier-1 mining companies, including Rio Tinto, Barrick, Gold Fields, and Ma'aden. Fleet Space maintains offices in Adelaide (headquarters), Melbourne, Perth, Sydney, and internationally in Chile, USA, Canada, and Luxembourg. The company has raised significant capital including an A\$150 million round for scaling its mineral discovery platform globally, supported by ESA's Australian program and other investors.

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Services

Drill Program Optimization and De-risking Fleet helps optimize and de-risk drill programs by providing high-resolution 3D imaging and a complete test design before drilling commences.	Integrated 3D Seismic Intelligence Fleet provides integrated 3D seismic intelligence to image target structures, design complete drilling tests, and refine models with each drill result.
ML-assisted Seismic Workflow for Hard Rock Fleet offers a seismic workflow specifically built for hard rock mineral exploration, incorporating ML-assisted steps and interpretation by hard-rock geoscientists.	Seismic-led Mineral Exploration Fleet Space Technologies partners with geoscience teams to direct exploration and development capital for mineral systems using integrated seismic technology.
Target Ranking and Confidence Quantification Fleet provides ranked targets with quantified uncertainty, enabling teams to act on decision-ready information for mineral exploration.	

Product catalogue



FLEET SPACE TECHNOLOGIES

Centauri

Centauri is Fleet Space Technologies' family of low Earth orbit nanosatellites that deliver IoT/M2M connectivity and act as the space-based data relay backbone for the company's Ex

Form factor (Centauri 1 & 2)	3U CubeSat
Form factor (Centauri 3 & 4)	6U CubeSat, <10 kg
Form factor (Centauri 6-9)	12U CubeSat, ~25 kg
Orbit altitude	550-600 km
Orbit inclination	45 degrees
Antenna technology	3D-printed patch antennas with advanced beamforming (Centauri 5 onward)
Special capability	World's smallest voice-enabled satellite (Centauri 4, as of March 2024)

price on request

FLEET SPACE TECHNOLOGIES

Centauri Satellite IoT Network

Fleet Space Technologies' Centauri CubeSat constellation providing real-time IoT sensor data from remote locations — enabling seismic monitoring, mining exploration, and resource t

Constellation	Centauri CubeSats (LEO, IoT and data relay)
Flagship Product	ExoSphere: satellite-connected seismic mineral exploration network
Mining Advantage	Passive seismic 3D subsurface mapping vs. expensive drilling
Customers	BHP, Rio Tinto and major global mining companies
Funding	>\$100M AUD venture funding
HQ	Adelaide, South Australia, Australia

price on request

Contact Fleet Space Technologies

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.fleetspace.com/>

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