

NEWSPACE MARKET · COMPANY PROFILE



LeoLabs

United States · founded 2016 · leolabs.space

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PRODUCTS

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SERVICES

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as of 20 August 2026



LeoLabs

LeoLabs designs and manufactures rapidly deployable multi-mission radars that form a proliferated sensor network. The company also develops an authoritative commercial catalog of objects in Low Earth Orbit (LEO) and an AI-enabled cloud-based platform for actionable intelligence, insights, and real-time threat alerts. Their product lines include Space Domain Awareness, Space Traffic Management, and Launch & Operations support. Customers include military space commands, civil government agencies, and commercial operators. LeoLabs has offices and team members worldwide to support its radar network and international customer base. The company's technology supports secure, safe, and dynamic space operations, including detecting, tracking, characterizing, and responding to threats in space, post-launch communications, collision avoidance, and maneuvers. The company's vision is to be a leading source of persistent Orbital Intelligence for space domain awareness, space traffic management, and missile defense.

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

Emergency Launch Support for Missing Spacecraft Provide emergency support to recover spacecraft that are unable to be contacted by their owner-operators.	Launch & Operations Support Operate confidently with support for post-launch communications, collision avoidance, and maneuvers.
Rapid Payload Location and Identification Quickly locate and identify newly launched payloads, including on rideshare missions, to establish communications.	Space Domain Awareness Protect high-value assets, monitor adversarial objects, and evaluate potential threats in space.
Space Traffic Management Ensure safe operations with comprehensive, real-time data on objects and activity in LEO.	

Product catalogue



LEOLABS

LeoLabs Global Radar Network

LeoLabs' 24/7 global network of ground-based phased-array radars that persistently tracks satellites and orbital debris in low Earth orbit to power space domain awareness, collision

Network operation	24/7 global radar network
Coverage	Northern Hemisphere, Southern Hemisphere, and Equatorial regions
Current sites	Australia, Azores, Costa Rica, New Zealand, Texas
Tracker radar technology	Phased Array Offset-Fed Reflector
Tracker detection capability	Spacecraft and >10cm debris tracking
Scout-S radar technology	S-band Direct Radiating Array, transportable in a 20 ft ISO container
SEEKER radar technology	UHF planar Direct Radiating Array (in development)

price on request



LEOLABS

Space Object Radar Tracking Network

LeoLabs' global network of phased-array radars tracking 250,000+ space objects down to 2 cm size — providing conjunction analysis and collision avoidance data to satellite operator

Minimum Trackable Object	2 cm (LEO)
Objects Tracked	250,000+ (commercial catalog)
Radar Sites	Alaska, New Zealand, Costa Rica, Azores, Australia, Kenya
Technology	Phased-array radars (purpose-built for LEO tracking)
Services	Conjunction analysis, CDM generation, maneuver planning
Customers	Satellite operators, launch providers, insurers, government agencies
Founded	2016, San Mateo, California, USA

price on request

Contact LeoLabs

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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