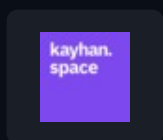


NEWSPACE MARKET · COMPANY PROFILE



Kayhan Space

United States · founded 2019 · kayhan.space

2

PRODUCTS

5

SERVICES

newspacemarket.com/companies/kayhan-space/

as of 20 August 2026



Kayhan Space

Kayhan Space is a Colorado-based space traffic management company founded in 2019, providing next-generation automation and AI to satellite operators for spaceflight safety. The company's platform removes human delays from the critical response path for high-risk orbital events, reducing conjunction response time by more than 95% while minimizing unnecessary avoidance maneuvers. Kayhan Space offers two flagship products: Satcat, a spaceflight intelligence platform for real-time conjunction monitoring and operational briefings; and Dynamics, a high-fidelity astrodynamics estimation and orbit simulation software providing precision orbit determination and propagation for complex mission needs. The company's solutions are used by commercial LEO constellation operators and government space agencies seeking to operate safely as the orbital environment grows more congested. Kayhan Space is backed by Ridgeline Partners and participates in USSF and NASA space traffic coordination programs, with endorsements from the former Director of the Office of Space Commerce at the U.S. Department of Commerce.

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

Satcat Intelligence

An AI-powered space domain awareness capability that detects threats, predicts orbital behavior, analyzes satellite activity, and provides real-time alerts.

Satcat Launch

Detects potential collisions between a launch vehicle and resident space objects (RSO) in under one minute, providing high-risk event notifications and conjunction analysis reports.

Satcat LEOP

Ensures smooth and safe satellite deployment and early operations with precise orbit data, rideshare visualization, and real-time conjunction risk screening.

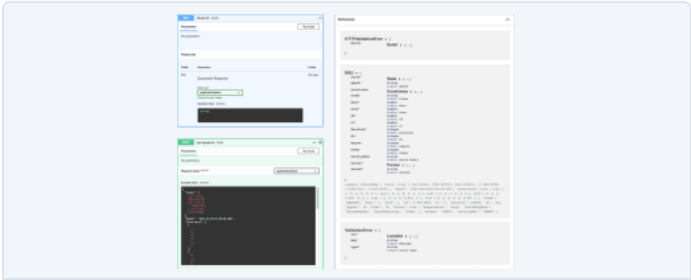
Satcat Operations

Provides combined flight dynamics and space traffic coordination services, including precise asset tracking and autonomous coordination for maneuver responsibility and conjunction event mitigation.

Satcat Simulation

Offers hands-on operations training using real-world scenarios, interactive tools, simulated constellations, orbital datasets, and mission analysis tools.

Product catalogue



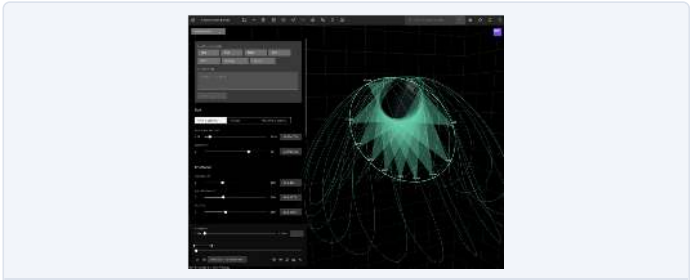
KAYHAN SPACE

Kayhan Space (Platform/Services)

Kayhan Space offers autonomous software solutions for satellite operations, enhancing spaceflight safety by automating collision avoidance and maneuver planning.

Orbit regimes	LEO, GEO, xGEO, Cislunar, interplanetary
Observation types	GPS, range/range-rate, angles/angle-rates, passive RF (TD0A/FD0A)
Deployment options	Cloud API, Cloud UI, local (Kubernetes/VM/bare-metal), open-source SDK

price on request



KAYHAN SPACE

Satcat Spaceflight Intelligence Platform

Comprehensive spaceflight intelligence exchange and space traffic coordination platform — combined flight dynamics and conjunction mitigation, launch collision detection in under 1

Essentials tier	Free
Pro tier (up to 3 satellites)	\$1,900/month
Pro tier (up to 5 satellites)	\$2,500/month
Satcat Launch speed	Launch-vehicle collision detection in under 1 minute

\$1 900

Contact Kayhan 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.

<https://newspacemarket.com/companies/kayhan-space/>

<https://www.kayhan.space>

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