



DELTA

▶ AI-POWERED ORBITAL THREAT DETECTION AND CHARACTERIZATION SYSTEM

LeoLabs Delta detects, monitors, and analyzes threats in real time — giving operators the clarity and confidence they need to defend their assets with speed and precision.



GO BEYOND SURVEILLANCE – UNDERSTAND BEHAVIOR IN TIME TO ACT



See What Others Miss

Combines persistent tracking, advanced analytics, and AI-powered event detection to surface meaningful orbital behavior as it emerges.



Move from Data to Decision in Minutes

Translates large volumes of orbital activity into actionable alerts, prioritized triage, and mission-relevant insights.



Track Dynamic Threats in Real Time

Helps teams rapidly detect and characterize maneuvers, proximity operations, conjunctions, breakups, and deployments.



Integrate Into Existing Workflows

Purpose-built for mission operations and designed to integrate with multiple data sources and customer workflows.

BUILT FOR DECISION ADVANTAGE

LeoLabs' authoritative catalog enables advanced analytics for maximum mission impact.



PERSISTENT

13x daily revisit of High Interest Objects



TIMELY

< 4.8 hours average gap time for High Interest Objects



PRECISE

< 15-meter state vector accuracy



RELEVANT

2,000+ maneuvers detected and 15,000+ radar cross section values generated daily



RESPONSIVE

< 2-minute latency

DELTA

CORE CAPABILITIES

► Sensors and Data

Leverage LeoLabs' 24/7 global radar network, 26,000+ object catalog, and foundational data products, including measurements, TLEs, state vectors, and propagations.

► AI-Based Event Detection

Detect and characterize maneuver events, neighborhood events, conjunction events, and multi-object detection events.

► Triage and Alerting

Prioritize objects and activity through the Ops Feed, Patterns of Life dashboard, analysis tools, object dossiers, and notifications.



THE LEOLABS ADVANTAGE

Delta is built for the next era of space warfare. By leveraging LeoLabs' expanding global radar network and authoritative object catalog, this system delivers the anomaly detection, threat monitoring, and predictive mission insights needed to act on emerging and future threats.

ACTIVATE *DELTA* FOR YOUR MISSION

► leolabs.space/delta