

AETOSKY

Sovereign AI · Geospatial Intelligence · Defense Technology

A decade-long deep tech company delivering AI-powered surveillance, earth observation and sovereign platform solutions to government and defence institutions across South East Asia and the MENA Region.

100+


Team Members

9+

Active Markets

13 years

Bootstrapped Growth

 **Operating Regions: South East Asia · MENA**



Sovereign Models



Earth Observation & EO



Defence & Civil Platforms

COMPANY EVOLUTION — 2013 to 2026

A decade-long evolution up the value chain

DEEP TECH · BOOTSTRAPPED · SOVEREIGN AI

\$0

External Funding Raised

13 yrs

Self-Funded Deep Tech Growth

2013

Satellite and Derived Data Reselling Business

- Built satellite imagery and derived data reselling business across SEA & APAC
- Served civil agencies and regulated enterprises with data procurement needs
- Established partnerships with multiple upstream data providers

2018

Earth Observation Analytics Provider

- Expanded into EO analytics for government and enterprise operational use cases
- Built in-house analytics capabilities for faster, scalable processing
- Developed proprietary workflows to improve accuracy and turnaround time

WHERE WE ARE ►

2021

AI Analytics Software-as-a-Service (SaaS) Platform

- Launched SaaS platform enabling agencies and partners to run analytics independently
- Embedded AI/ML workflows across urban, infrastructure, and environmental domains
- Leveraged scarce AI talent to accelerate adoption within customer teams

2026

Sovereign Enterprise AI Systems

- Shifted from SaaS platform toward defense-oriented, sovereign AI systems
- Built secure, on-prem and sovereign deployment capabilities
- Positioned Aetosky as a long-term strategic platform partner for national and enterprise AI transformation

► *Growing sophistication over time*

AETOS PRODUCT SUITE — SOVEREIGN AI · GEOSPATIAL · DATA · AUTOMATION

Built for Sovereignty. Designed for Scale.

⚡ 11 years of bootstrapped deep tech execution — 7 integrated products spanning the full geospatial & AI stack



Aetos Browser

Data Aggregation

Satellite imagery source aggregator — unified access to multi-source satellite data for analysis and procurement



Aetos Cube

Data Infrastructure

Enterprise-grade geospatial data cube for storing and querying imagery in time-series



Aetos AI

Sovereign AI

Sovereign AI models fine-tuned for geospatial & defence — localised and air-gapped



Aetos Canvas

No-Code Dashboards

Drag-and-drop dashboard builder for geospatial intelligence — zero code environment



Aetos Athena

Workflow Automation

End-to-end workflow automation engine for geospatial processing pipelines



Aetos Lab

R&D Community

Open research and developer environment for building geospatial AI models and tools



Aetos Go

Field Force Optimisation & Ground Validation

Mobile-first platform for field force optimisation, ground truth data collection, and AI training dataset preparation for geospatial model refinement



Aetos Future Product R&D — Next-Gen Capabilities in Development



Edge Processing



Multi-data Fusion



Hyperspectral Processing



Maritime Applications



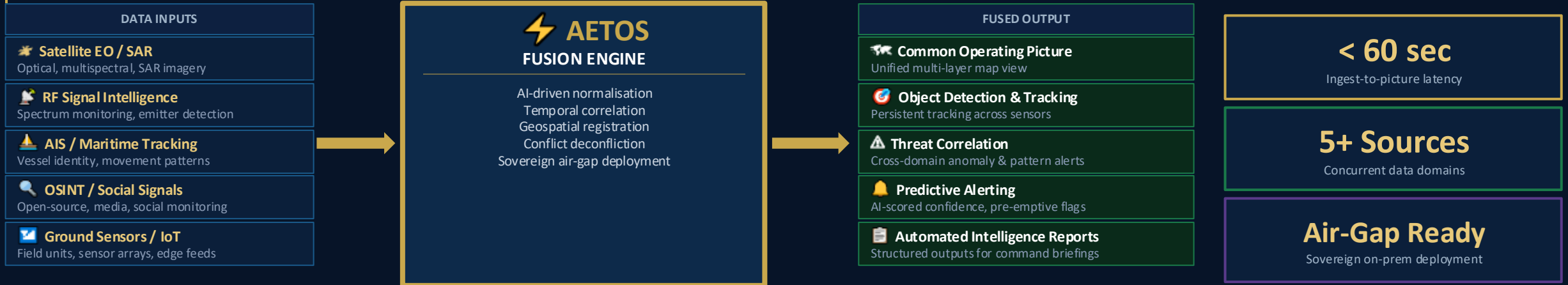
Vertical Applications



Voice & Text Command

Real-Time Geospatial Data Fusion

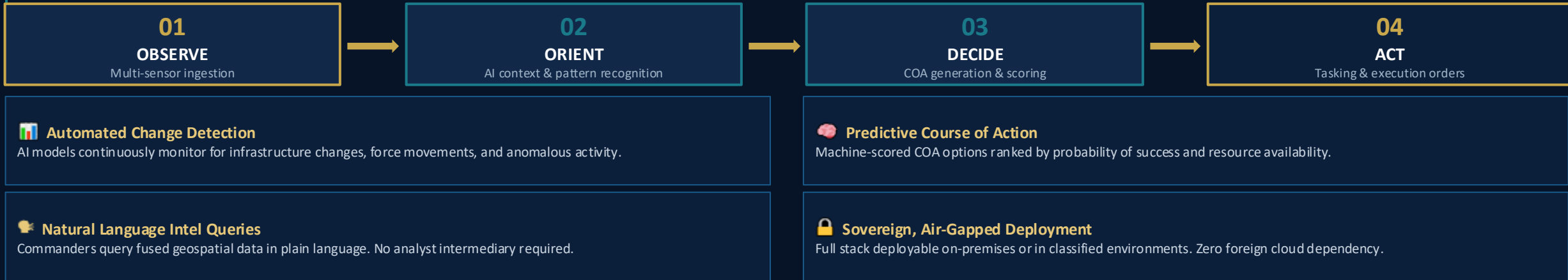
Converging multi-domain intelligence streams into a unified, actionable operating picture



CAPABILITY OVERVIEW — AI ANALYTICS & DECISION SUPPORT

AI-Enabled Analytics for Faster Command & Control

Compressing the OODA loop — from hours to minutes across all operational domains

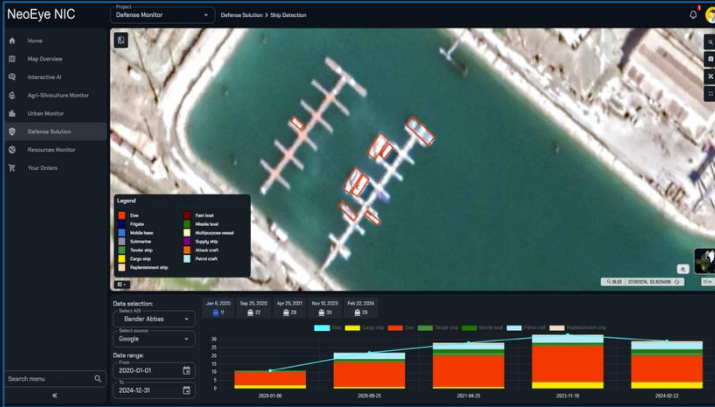


OPERATIONAL IMPACT: Decision cycles compressed from hours to minutes · Analyst burden reduced by up to 70% · Zero foreign cloud dependency · <60 sec ingest-to-picture · 5+ fused data domains

UC 1 DEFENCE · CONFIDENTIAL CLIENT · APAC / GULF REGION

Sovereign Defence Intelligence Platform

End-to-end integration of tasking, data ingestion, AI analytics, and mission delivery — creating a single operational environment



Operational Impact

AI-Driven Decision Advantage

Empowers analysts and commanders with automated insights and predictive models across all domains.

National Intelligence Enablement

Unified data and analytics platform across defence, intelligence, and civil agencies.

Strategic Autonomy

Full control of data, models, and infrastructure within national boundaries. No foreign dependency.

Future-Ready Foundation

Scalable to integrate new sensors, data sources, and mission modules as needs evolve.

Technical Capabilities

Unified Data Vault

Centralised storage, cataloguing, and retrieval for multi-INT (IMINT, SIGINT, OSINT, AIS).

Automated Ingestion Pipelines

Continuous data flow from satellites, UAVs, sensors, and field apps into structured repositories.

AI & Advanced Analytics

ML-driven tagging, pattern detection, and anomaly identification across large temporal datasets.

Sovereign Infrastructure

On-premises deployment with full air-gap capability. No cloud dependency for any core function.

Key Deliverables

Sovereign Intelligence Platform

End-to-end ecosystem for national intelligence collection, processing, and distribution.

Analytic Dashboards

Real-time visualisation tools for mission insights, event tracking, and predictive alerts.

Operational Handover

Full technology transfer with training and documentation ensuring self-reliant client operation.

Integration Support

Dedicated engineering support for connecting legacy systems and third-party data feeds.

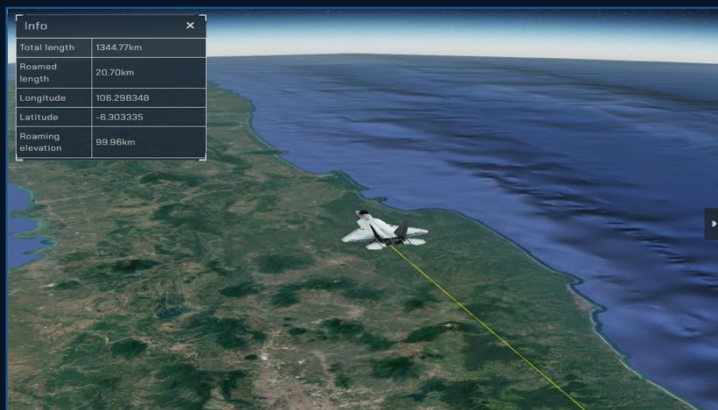
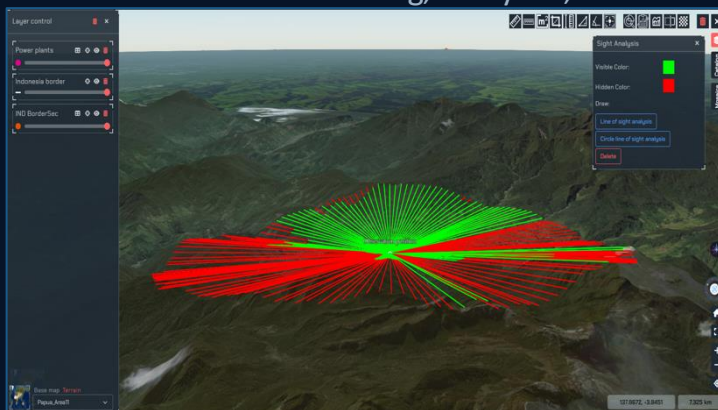
✓ **OUTCOME:** Fully sovereign, air-gapped national intelligence platform delivered · Multi-INT fusion across IMINT, SIGINT, OSINT & AIS · Zero foreign cloud dependency

UC 2

GEOINT / 3D MODELLING · CONFIDENTIAL CLIENT · APAC / GULF REGION

3D Terrain & GEOINT Intelligence Platform

National-scale 3D modelling, analytics, and simulation — seamlessly integrated into sovereign GEOINT environments



Operational Impact

Vertical & Temporal Awareness

Adds the third dimension to intelligence workflows — elevation-based planning, LOS analysis, and change detection over time.

Mission Readiness

Supports rapid planning, secure operations, and disaster response with realistic terrain models across all environments.

Sovereign Control

All data, AI models, and infrastructure remain within national boundaries. Zero external cloud dependency for any operations.

Technical Capabilities

3D Data Generation

From stereo satellite imagery, LiDAR, SAR, and drone sources across all terrain types.

Advanced Terrain Analytics

Line-of-sight, slope, inundation, contour, and distance analysis at sub-metre resolution.

Semantic 3D City Modelling

Urban data with building attributes for planning and simulation tasks.

LLM-Powered Interface

Natural language commands for complex geospatial tasks across all data layers.

Key Deliverables

Interactive 3D Visualisation Platform

Analytics-ready 3D terrain and urban environment viewer with real-time update capability.

Integrated Simulation Tools

Flythroughs, landing zone analysis, and route planning across modelled terrain.

AI-Powered Change Detection

Automated detection of height and volume changes. Sub-metre to 5-metre resolution.

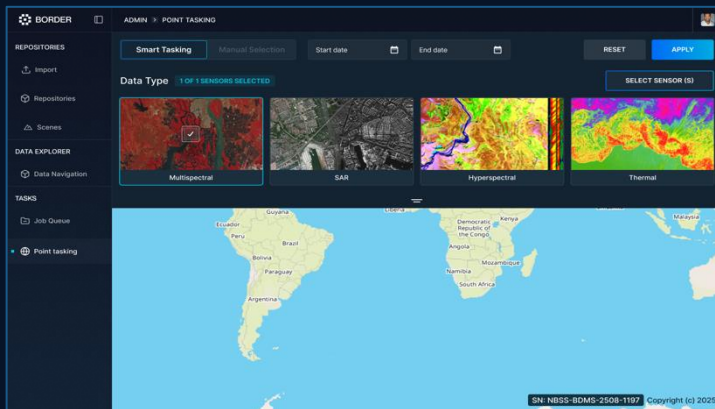
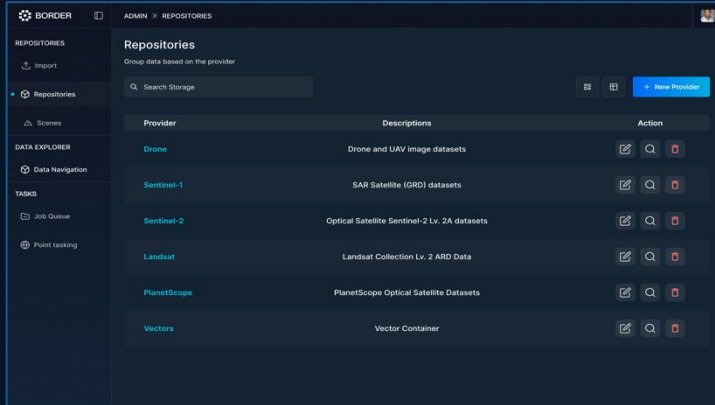
Data Integration into Cube

Unified catalogue for 2D and 3D intelligence layers with seamless cross-domain access.

✓ **OUTCOME:** National-scale 3D terrain model delivered at sub-5m resolution · LOS, simulation & route planning integrated · Fully sovereign, on-premises deployment

Border Intelligence Data Vault

A unified platform integrating multi-sensors — CCTV, drones, and satellites — into a mission-ready intelligence backbone



Operational Impact

National Security Enablement

Strengthened border monitoring and surveillance with a single intelligence framework.

Real-Time Situational Awareness

Linked multi-source feeds into a live operational picture across all monitored zones.

Decision Superiority

Enabled faster response to incursions, smuggling, and cross-border security risks.

Scalable Foundation

Designed to support future integration of additional sensors and mission systems.

Technical Capabilities

Data Vault Architecture

Centralised storage, indexing, and retrieval for multi-INT data from CCTV, drones, and satellites.

Sensor Fusion

Combined inputs from CCTV, drones, and satellites into structured, searchable datasets.

Advanced Analytics

Metadata tagging, automated ingestion, and AI-enabled event detection across temporal datasets.

Interoperability Layer

API-first design for integration with defence, law enforcement, and intelligence systems.

Key Deliverables

Border Monitoring Dashboard

Single operational interface for monitoring events across all land border zones in real time.

Ingestion Pipelines

Automated workflows to process video, imagery, and sensor metadata in real time.

Operational Handover

Training and deployment support to ensure sovereign control and operational independence.

Compliance & Audit Trail

Full logging of all data access, processing events, and analyst queries for regulatory reporting.

✓ **OUTCOME:** Multi-sensor border intelligence platform delivered · CCTV, drone & satellite fusion operational · Sovereign operational handover completed

Let's Build Something Sovereign Together.

Aetosky — Deep Tech · Bootstrapped · Sovereign AI · 13 Years



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Singapore · Dubai · Hanoi · Jakarta · New Delhi ·
Kolkata

"Aetosky is honoured to present this opportunity and looks forward to a meaningful dialogue on how we can collectively advance sovereign AI and geospatial capabilities in service of national priorities."