

OCIANT NATIONAL SECURITY SOLUTIONS: MISSION-SPEED ANALYTICS AT SCALE

Fuse streaming and historical data, run complex spatiotemporal analytics, and deliver decisions in seconds—on premises, in air-gapped environments, or within GovCloud

THE CHALLENGE

Federal agencies are inundated with massive, diverse datasets—from geospatial intelligence to sensor telemetry and time-series event data. At the same time, legacy data architectures, siloed systems, and manual data movement create delays that compromise operational agility and mission readiness.

Agencies require a secure, unified platform capable of analyzing high-volume, high-velocity, and highly sensitive data at scale—without sacrificing performance, precision, or control.

THE ONSS ADVANTAGE

Ociant National Security Solutions (ONSS) empowers federal missions to transform data into actionable intelligence—securely and at speed. Built for performance at scale and trusted deployment flexibility, ONSS delivers real-time insight across all data, no matter its size, source, or classification.

Achieve real-time situational awareness by analyzing live streaming data alongside years of historical records—without performance tradeoffs or additional cost.

Accelerate mission analytics through advanced joins, aggregations, and geospatial queries across trillions of records, enabling near-instant decisions.

Empower analysts and operators alike with concurrent ad-hoc, dashboard, and batch workloads—delivering insights when and where they're needed.

Harness in-database AI/ML for real-time pattern recognition, predictive analytics, and adaptive modeling—turning raw data into instant operational advantage.

Simplify operations and reduce cost by consolidating workloads, minimizing data movement, and decreasing infrastructure footprint.

Accelerate mission onboarding and accreditation (ATO) with flexible, secure deployments that align with agency governance frameworks and existing toolchains.

CORE CAPABILITIES

- ✓ *Unified streaming + historical data analysis in a single high-performance engine*
- ✓ *Robust security and governance: encryption, RBAC, ABAC, auditing, and key management*
- ✓ *Native spatiotemporal analytics (point-in-polygon, range scans, trajectories, window functions)*
- ✓ *Flexible deployment options: On premises, GovCloud, or air-gapped architectures*
- ✓ *SQL and ecosystem interoperability with BI, GIS, orchestration, and data science tools*
- ✓ *Cost efficiency and scale: fewer data copies, less movement, and higher performance per node*

TRANSFORMING MISSION DATA INTO INSTANT AI INSIGHT

AI-Driven Cyber Fusion & Threat Anticipation at Scale

Fuse and analyze trillions of cyber events in real time. Ocient empowers fast, efficient predictive threat detection and adaptive AI defense at massive scale.

AI-Augmented Multi-Source Intelligence Fusion for Defense & Space

Break data silos with unified, multimodal AI. Ocient delivers instant intelligence from imagery, signals, and text for faster, more trusted mission insight.

AI-Optimized Space & Sensor Data Analytics Platform

Accelerate space and ISR analytics with real-time AI on streaming telemetry. Ocient transforms orbital and sensor data into actionable intelligence instantly.

Global AI Analytics Fabric for Data Sharing & Decision Advantage

Empower secure, federated AI collaboration across domains. Ocient unifies global mission data for faster, sovereign, and insight-driven decision dominance.

SECURE, SCALABLE, AND MISSION-READY



Deployment Models

GovCloud
On Premises
SCIF
Fully Air-Gapped



Interoperability

Seamless integration with agency toolchains including BI, GIS, and orchestration platforms



Compliance and Control

Built-in governance features for auditing, encryption, and access control

MISSION OUTCOMES DELIVERED

Detect threats and anomalies faster by fusing real-time streams with deep historical archives for instant pattern recognition.

Increase analytic precision and confidence with advanced query execution across trillions of records for comprehensive situational awareness.

Optimize total cost of ownership (TCO) by consolidating analytic workloads within a single, efficient platform.

Accelerate accreditation and deployment (ATO) through secure, modular deployment options that integrate seamlessly with existing environments.

ACCELERATE YOUR MISSION

Ocient National Security Solutions enables agencies to transform massive, complex datasets into mission-ready intelligence — securely, efficiently, and at scale.

Learn more: ocient.com | Contact: onss@ocient.com