

OCIENT NATIONAL SECURITY SOLUTIONS FOR THE DEPARTMENT OF WAR

All-domain, mission-critical analytics at hyperscale

Petabytes in. Seconds out.

DoW missions face a growing flood of multi-INT data injects across ISR, EW/SIGINT, cyber, C2, OSINT, and logistics, including massive amounts of extraneous data and “digital dust.” Existing stacks rely on pre-aggregation and cross-enclave data movement, stretching time-sensitive analytics from seconds into minutes or hours. Ociant National Security Solutions (ONSS) delivers a secure, unified engine that ingests petabyte-scale streams and historical stores together, runs spatiotemporal and multi-INT correlation in seconds, and supports high concurrency. Deployable in GovCloud, on-prem HPC, SCIF, or air-gapped environments, ONSS accelerates decision making while reducing architecture sprawl and cost volatility.

The DoW data problem

Volume + velocity. High-rate sensors and logs generate hyperscale data ubiquitously.

Enclave friction. Security boundaries force copies, manual workflows, and delayed insight.

Multi-INT fusion. Time-critical joins across ISR, EW/SIGINT, cyber, C2, and OSINT are too slow in legacy tools.

Readiness blind spots. Fragmented sustainment data limits predictive logistics.

What Ociant delivers

→ **Unified streaming + historical analytics** — no preaggregation required

→ **High concurrency** for analysts, operators, and automated workloads

→ **Native spatiotemporal + multi-INT correlation** at hyperscale

→ **Security & governance built-in** for classified and RMF realities

→ **Deterministic, low latency performance** over trillions of records/day

→ **Deploy anywhere:** cloud, on premises, SCIF, or air-gapped

Mission Use Cases

Near Real-Time Situational Awareness & COP Enrichment

Fuse live ISR/EW/SIGINT, cyber, C2 feeds with years of history to flag anomalies, patterns of life, and threats in <10 seconds.

ISR & EW Telemetry Analysis

Detect new emitters, jamming patterns, track divergence, and sensor anomalies with ML correlation across multi-INT streams.

Predictive Logistics and Readiness

Unify sustainment data to forecast failures, optimize resupply, and improve mission capable rates with dashboards and ML.

Why Ocient for Department of War

Mission-critical analytics at hyperscale: fuses petabytes of data in seconds, not hours.

Enclave-fit security: fine-grained access, auditing, encryption aligned to DoW controls.

One engine, fewer tools: reduces ETL chains, SIEM clusters, and analytic silos.

Predictable economics: high performance per node; avoids cloud egress/sprawl costs.

All-domain ready: handles ISR, EW/SIGINT, cyber, C2, and logistics in one platform.

Rapid mission onboarding: ingest new feeds and schemas fast, sustaining ATO momentum.

Mission Outcomes, Measured

✓ **Multi-INT correlation:** minutes/hours → seconds.

✓ **Readiness impact:** measureable mission-capable improvements and earlier supply-risk prediction.

✓ **Analyst productivity:** fewer data calls, fewer copies, faster cross-command insight.

✓ **TCO:** fewer systems + less data movement leads to material cost reduction at PB scale.

Field-ready and stack-friendly



Deploy Anywhere

- GovCloud IL5/IL6
- On Premises/HPC
- SCIF
- Fully Air-Gapped



Integrate Quickly

- ESRI/ArcGIS
- Tableau/PowerBI
- COP/C2 apps

Recognized by Defense and Intelligence Innovators

Designated Awardable in the DoW CDAO Tradewinds Marketplace



Backed by  IN-Q-TEL

List of Federal Contracts Available on Request

LET'S TALK ABOUT A PILOT ON YOUR HIGHEST-RATE DATA STREAM.