OCIENT NATIONAL SECURITY SOLUTIONS FOR FEDERAL LAW ENFORCEMENT AGENCIES

Mission-critical analytics for threat detection, investigations, and public safety

Petabytes in. Seconds out.

Federal Law Enforcement missions are inundated with high-volume data from sensors, forensic extractions, case management systems, cyber tools, financial records, communications metadata, OSINT, and partner feeds. Legacy platforms rely on slow extract, transform, load (ETL), stovepiped databases, and manual cross-system queries, turning time-critical insight into delays that cost investigations momentum.

Ocient National Security Solutions (ONSS) delivers a secure, unified data analytics engine that ingests streaming and historical data together, executes spatiotemporal (data or events that have both location and time components) and network correlation in seconds, and supports high-concurrency investigative workloads — without pre-aggregation or data duplication. Deployable in GovCloud, on-prem, CJIS-aligned environments, air-gapped systems, or hybrid environments.

Designated Awardable in the DoW CDAO Tradewinds Marketplace

List of Federal Contracts Available on Request

The Federal Law Enforcement Data Problem

Volume + velocity. Call detail records, sensor feeds, cyber logs, financial transactions, and digital forensics generate hyperscale data continuously.

Cross-domain correlation. Linking people, places, devices, vehicles, and events across systems is too slow in legacy investigative stacks.

Jurisdiction & access friction. Data silos, security boundaries, and sharing constraints delay actionable insight.

Investigation latency. Analysts spend more time preparing data than uncovering threats.

What Ocient Delivers

- **Unified streaming + historical analytics** — no preaggregation required.
- **Native spatiotemporal + network correlation** at hyperscale.
- **Deterministic, low-latency performance** over trillions of records/day.
- **High concurrency** for analysts, agents, and automated workflows.
- **Built-in security & governance** for CJIS, RMF, and chain-of-custody realities
- **Deploy anywhere:** cloud, on premises, secure facilities, or air-gapped.

(OCIENT)
NATIONAL SECURITY SOLUTIONS

MISSION USE CASES

Real-Time Threat & Situational Awareness

Fuse sensors, cyber, communications metadata, and OSINT with years of history to surface threats, patterns of life, and anomalies in seconds.

Complex Investigations & Network Analysis

Rapidly map criminal, financial, and cyber networks across massive datasets to identify hidden relationships and leaders.

Predictive Crime & Resource Development

Analyze historical and live data to anticipate emerging threats, prioritize leads, and optimize personnel and asset allocation.

Investigative Integrity & Evidentiary Rigor

Federal investigations demand more than speed — they require analytic results that withstand internal review, interagency scrutiny, and courtroom challenge. Ocient National Security Solutions is purpose-built to align to DOJ CCIPS guidelines for investigation-grade analytics where trust, traceability, and control are non-negotiable.

Evidence-preserving analytics
Execute complex queries directly on authoritative data — without pre-aggregation, transformation, or duplication — preserving data fidelity and analytic lineage from ingestion through adjudication.

Full auditability and controlled access
Comprehensive query logging, role- and attribute-based access controls, and encryption support chain-of-custody requirements, CJIS alignment, and internal oversight.

Interagency collaboration without compromise
Seamless integration with existing BI, GIS, and investigative toolchains enables cross-task-force analysis while maintaining jurisdictional boundaries and access controls.

WHY OCIENT

Ocient solutions are purpose-built for deterministic, mission-speed analytics at extreme scale. Unlike legacy and cloud-native platforms that rely on pre-aggregation and data movement, ONSS delivers consistent sub-second performance directly on authoritative data—supporting high-concurrency investigative workloads without sacrificing integrity, security, or control.

SEE MISSION-SPEED ANALYTICS ON YOUR MOST COMPLEX DATA.

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