OCIENT FOR UNCLASSIFIED DATASETS

Ocient empowers the US National Security Community to tackle complex data challenges by processing massive publicly or commercially available datasets with unmatched speed and scale. From monitoring social media for early signs of unrest to tracking maritime and aviation anomalies or detecting misinformation campaigns, Ocient's platform delivers actionable insights in near-real-time. Transform fragmented data into critical intelligence with the analytical power and precision of Ocient.

A US-BASED COMPANY HEADQUARTERED IN CHICAGO

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List of federal contracts available on request

Massive Data Ingestion and Processing. Ocient can ingest, index, and analyze massive structured and semi-structured OSINT datasets like social media, news, and air and marine location data at lightning speed, eliminating the need for down-sampling or archiving.

Real-Time Analytics. Ocient supports real-time querying and pattern detection, enabling analysts to filter, aggregate, and correlate huge datasets instantly to track threats, monitor geopolitical developments, or validate open-source reporting.

AI/ML Model Acceleration. Leverage Ocient's speed, scale, and integrated ETL/ELT to prep data and train models directly on massive OSINT datasets, enabling faster sentiment, event, and anomaly detection without pre-sampling.

Multi-Source Data Fusion. With Ocient, analysts can fuse OSINT with government data sources on a single platform — with strong role-based access control (RBAC) to maintain security partitions. This enables broader contextualization of open-source information for higher-confidence assessments.

Geospatial and Temporal Analytics. Ocient enables large-scale geospatial queries for tracking aircraft (ADS-B) and ships (AIS), combining time-series and location analysis for enhanced situational awareness.

Cost-Effective at Scale. Ocient's software is designed to provide extreme performance at a lower cost per query and per terabyte compared to legacy systems, making it ideal for continuously growing open-source datasets.

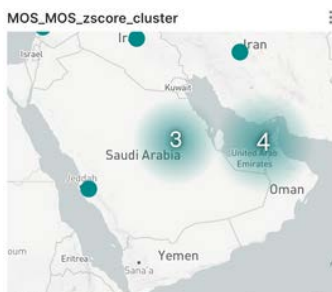# UNCLASSIFIED DATA USE CASE EXAMPLES

When real-time analytics and highly accessible storage meet spatiotemporal data and machine learning algorithms, the possibilities are virtually endless.
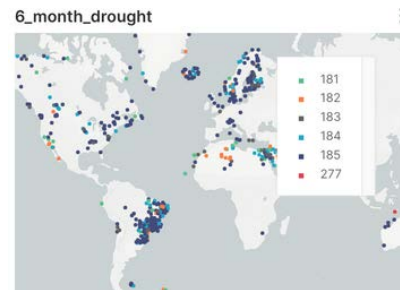

Analyze flights that encroach on a country's border in near-real-time.

Use machine learning to show clusters of aircraft border crossings

Identify and map news articles and social media mentions with higher standard deviations from expected tone

Use dozens of years of historical NOAA records to map and analyze weather patterns affecting world events

Run multiple ML models alongside nested calls to algorithms to identify 'fake news' based on 50 years of published news articles

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DEPLOY WHEREVER YOUR MISSION DEMANDS

Our flexible deployment options ensure seamless integration with the ever-evolving data landscape.

On Premises
Deployed on commodity hardware in your datacenter

Public Cloud
Amazon Web Services or Google Cloud Platform

OcientCloud®
Hosted in the Ocient datacenter

Find out more about Ocient for Unclassified Data

Contact us at governmentsales@ocient.com for a demo.