

DELIVERING EFFICIENT DATA ANALYTICS AT SCALE

Ocient is a data analytics software solutions company that enables continuous, compute-intensive analysis of large, complex datasets while optimizing for performance, cost, and energy efficiency.

FEATURE SPOTLIGHT

OcientGeo™ is a set of spatial database features designed to scale and enhance the performance of spatiotemporal queries at massive scale. It delivers:

- Up to **50x better resolution** than other geospatial databases
- Up to **300x query acceleration** due to patented geospatial indexing
- More than **120 native geospatial and spatiotemporal functions** based on the WGS84 standard

CASE STUDY

Ocient participated in a proof of technology for a US Government Agency, performing a sophisticated analysis of large sets of complex geospatial data related to aircraft flight paths. Ocient was able to:

- Load at a rate of **2.05 million rows per second** (2.5 TB per hour) per node
- Filter **1.4 trillion rows per second** against a 4 trillion row table
- Summarize aircraft tracked across 20,000 distinct views **in 58 seconds**

LEARN MORE

Visit ocient.com or contact ONSS@ocient.com

10X - 100X
FASTER MISSION
INSIGHTS

UP TO
4,000X
MORE IOPS

UP TO
90%
COST SAVINGS

USES
50-90%
LESS SPACE
AND ENERGY

A SINGLE DATA SOLUTION FOR:

- Data ETL and Preparation
- Real-Time Analytics
- OLAP Data Warehousing
- In-Database Machine Learning

OPTIMIZED FOR KEY USE CASES:

- Geospatial Analytics
- Open Source Intelligence (OSINT)
- Network Security Monitoring
- Splunk Augmentation

A US-BASED COMPANY
HEADQUARTERED IN CHICAGO

Backed by:  **iqt** IN-Q-TEL™



Designated Awardable in the
DoW CDAO Tradewinds Marketplace

List of federal contracts available on request.