

## UNLOCK NEW INSIGHTS AT HYPERSCALE

### Enhance spatiotemporal query performance with OciantGeo™

Mobile devices, satellites, sensors, and the internet of things (IoT) have created a proliferation of spatiotemporal data. Inside these massive data stores lie unprecedented opportunities to develop and roll out new capabilities around everything from customer engagement and fleet management to climate impact analysis, threat assessments, and more. Robust geospatial analytics can also inform business strategies and keep geographically dispersed operations running smoothly.

The more precisely businesses can analyze their geospatial data, the deeper the insights they stand to gain. Unfortunately, the limitations of many of today's spatial analytics platforms keep organizations from being able to analyze more than a fraction of the geospatial data at their disposal.

**OciantGeo** is a powerful new way to leverage geospatial data, enabling companies to supercharge the performance of spatiotemporal queries at massive scale, delivering:

- **Up to 50x better resolution than other spatial databases**, with support for lines, linestrings, and polygons with up to 32 million embedded points — no need to downsample or simplify spatial data.
- **A spatial index optimized for objects on land, air, and water.** Unlike other spatial databases that are limited to objects on land, Ociant supports data from objects anywhere on the globe.
- **The largest native geospatial library in the industry**, with more than 120 geospatial functions based on the WGS84 standard, facilitating high precision, low-latency geospatial analytics at scale.



### As part of the Ociant Hyperscale Data Warehouse™, OciantGeo enables organizations to:

**Load geospatial data faster than ever.** Embedded extract, transform, and load (ETL) capabilities empower users to load high-resolution geospatial data and make it available for query within seconds.

**Improve query speed by up to 100x** thanks to support for geospatial and other indexes.

**Optimize energy, cost, and storage efficiency.** Built-in compression and Zero Copy Reliability™ enable Ociant to reduce the storage footprint by up to 80% and energy consumption by up to 98%.

**Accelerate AI on geospatial data.** By leveraging OciantML™ for in-database machine learning, Ociant users can reduce latency and improve the quality of ML models.

**Connect to BI and data science tools with ease** using built-in JDBC, ODBC, and Python integrations.

**Streamline operations** by consolidating multiple capabilities across geospatial, real-time analytics, OLAP SQL and machine learning workloads.

## TAKE GEOSPATIAL ANALYTICS TO THE NEXT LEVEL WITH OCIENT



### Automotive & Aviation

Predictive maintenance  
Operational efficiency  
Regulatory compliance



### Climate Intelligence

Historical analysis  
Impact modeling  
At-risk area identification



### Government

Disaster preparedness  
Threat assessment  
Space junk mitigation



### Supply Chain & Logistics

Route optimization  
Shipment monitoring  
Fleet management



### Financial Services

Mobile banking  
Customer behavior analysis  
Market trend analysis

## FULLY-MANAGED GEOSPATIAL SOLUTIONS WITH NO APPLIANCE LOCK-IN

Spatiotemporal analytics on your terms: Ocient offers flexible deployment and management options

### On Premises

Deployed on commodity hardware in your datacenter

### Public Cloud

Amazon Web Services or Google Cloud Platform

### OcientCloud™

Hosted in the Ocient datacenter

### Not Sure Where to Start?

Choose our **Customer Solutions and Workload Services** offering to develop, prove, and execute a plan that taps into the power of spatiotemporal data and delivers rapid ROI. From executing a pre-deployment cost savings analysis to facilitating the retirement of legacy systems, we'll help you make the switch with confidence.

### Need a Little Help Along the Way?

With **Ocient Managed Services**, our team of experts manages your Ocient Hyperscale Data Warehouse deployment so you can focus on making the most of your geospatial data. You'll get expert help with software installation, upgrades, monitoring, and more.

## READY TO TAKE GEOSPATIAL DATA HYPERSCALE?

Contact us for a demonstration — [sales@ocient.com](mailto:sales@ocient.com)