BUCKLE UP:
IT'S TIME TO GO HYPERSCALE

Fueling tomorrow's innovations today

As we move ever closer to a world of self-driving electric vehicles, automotive companies need to stay ahead of the curve. Ocient's hyperscale data solutions are uniquely suited to the demands of the industry, with:

Continuous loading from disparate sources. With connected vehicles generating up to 30TB of data per day while in motion, the ability to load in real-time is crucial.

Always-on queries at a previously infeasible scale. Our solutions are designed to process active datasets 20x to 50x larger than current averages.

Cost structure that allows companies to **reduce spend today** while positioning them to **grow and innovate with 10x to 100x better price-performance.**

"We selected Ocient because of its promising solutions to rapidly and cost-effectively accelerate data-driven innovation at hyperscale, which is critical for enterprises to generate real-time transformational value."

—Jim Brisimitzis, Founder and Managing Principal, 5G Open Innovation Lab

Engineered from the ground up for datasets of a trillion rows or more

Compute Adjacent Storage Architecture™ (CASA) leverages NVMe solid state drives to execute millions of parallel tasks, maximizing throughput and I/O.

Machine learning models and training within the data warehouse enable customers to avoid data movement and copying at hyperscale.

Sophisticated workload management protects priority queries and continually optimizes for concurrency and performance.

JDBC, ODBC, Python and Spark connectors enable users to execute powerful queries and visualizations with the tools of their choice.

FUELING INNOVATION AT HYPERSCALE

Autonomous Vehicles

Sensor data centralization & analysis

Map maintenance

Connected car data

All-electric Future

Charging network optimization & delivery

Infrastructure planning

Battery optimization & charging experience

Delivery and Logistics

Ecosystem of connected products

Data analytics from commercial fleet

Service-area logistical planning

Safer Driving

Driving pattern analysis

Parts & test data analysis

Driving indicators

Personalized Experience

Software application usage & trend analysis

Predictive maintenance

ACCELERATE TIME TO MARKET FOR NEW PRODUCTS & SERVICES

Let Ocient take on the heavy lifting of architecting your next hyperscale data analytics solution. From pilot to production, Ocient's tailor-made solutions are fully operational in months, saving customers precious time and data engineering resources.

Custom schema, test queries & ETL flow

Loading, concurrency & performance testing

Training, onboarding & GO LIVE

Prototyping & migration planning

Production deployment review & acceptance test

FULLY-MANAGED SOLUTIONS ON PREM OR IN THE CLOUD

On Premises
Deployed in your datacenter

Public Cloud
Amazon Web Services or Google Cloud Platform

OcientCloud™
Hosted in the Ocient datacenter

Ready to See Ocient in Action?

Get in touch to book a demo: sales@ocient.com

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