

DO MORE WITH ICR DATA TODAY AND PREPARE FOR A HYPERSCALE FUTURE

The volume of internet connection record (ICR) data generated is massive, and 5G technology promises to expand the mobile component of that data even further. Service providers who can harness and analyse their ICR data in real time stand to gain huge advantages. Ociant's hyperscale data analytics solutions help organisations gain greater value from their network and infrastructure investments, even as the introduction of 5G changes the equation. With Ociant, you can develop a deeper understanding of your network and customers, unlock new business insights, and drive future growth — *all while reducing costs by 50% or more.*

- **Load millions of records per second** continuously at a fixed monthly cost.
- **Expand data retention** for deeper background analysis.
- **Enrich record content** by consolidating existing Systems of Record.
- **Retrieve up-to-the-minute data** with a modern query engine.
- **Automate discovery** with API-driven parallel requests prioritised to meet SLAs.

Reduce the cost of your legacy infrastructure by 50% to 80%.

Work with Ociant, who is trusted by intelligence groups and government agencies for mission critical workloads at hyperscale.

Gain modern SQL, machine learning, and geospatial analytics capabilities.

Leverage the Full Value of ICR Data

Continuous data ingestion. Load millions of ICR data points of raw data from an ever-growing set of supported probes to generate more timely insights and uncover new business opportunities.

Compute Adjacent Storage Architecture™ (CASA). Transform, store, and analyse 20x to 50x more data with the only data warehouse architecture optimised for NVMe solid state drives, Intel Ice Lake processors and ultra-fast 100GB networking.

ICR-compliant data types. Leverage a wide variety of data types that allow the content of an ICR to be faithfully stored and reproduced.

Zero Copy Reliability™ and compression. Store and protect full resolution ICR metadata at maximum retention with minimal storage footprint. Save on datacentre costs and scale effortlessly.

Comprehensive indexes. In addition to TimeKey® clustering, Ociant offers a suite of indexes, from inverted to hash to n-gram, to deliver insights in interactive time.

Algorithmic analysis and search. Use the power of the Ociant platform to provide detailed network analysis, identify top consumers and poorly performing network segments, and provide capacity planning predictions with ease.

Data security. Data accessibility can be controlled at the user level to prevent unauthorised access at any time.

Geospatial features. Enrich mobile data to provide detailed location search and analysis. Narrow down searches to activity in a specific area of interest in near real time.

DISCOVER NEW BUSINESS OPPORTUNITIES WITH HYPERSCALE ICR SEARCH & ANALYSIS

Network Security

Up-to-the-minute network visibility

Anomaly detection

Historic threat analysis

Attack fingerprint identification

Law Enforcement

Search-driven analysis for lawful intercept

Fraud detection & prevention

Emergency & disaster response

Location-based detection

Network Health

Network management & optimisation

Outage detection & troubleshooting

Mobile cell tower distribution & optimisation

Not sure where to start? Choose our Customer Solutions and Workload Services offering to develop, prove, and execute a plan that delivers rapid ROI

Cost Savings Analysis — we provide a thorough economic analysis that demonstrates the technical, business, and financial savings you can achieve with an Ocient solution.

Workload Design & Delivery — we partner with you to develop an understanding of your entire workload, environment, service level objectives, and desired innovations through in-depth requirements gathering, and deliver a full technical specification, validation and documentation.

Platform Migration & Policy Development — we model and plan for hardware, software, labor, and facilities, execute full re-platforming or migrations with clear timelines, and develop or amend organisational policies, such as those related to security and business continuity.

System Sizing & Footprint Optimisation — we optimise hardware and cloud sizing, maximise compression, and deliver data durability without replication.

ETL/ELT Flows & Data Integration — we consolidate or sunset standalone ETL environments and landing zones, reducing data movement, copy, and cloud extract costs.

Pilot-to-Production Solutions Engineering — from MVP to full production deployment, we design, prototype, test, and validate a fully operational solution that is ready for deployment in weeks to months.

Solutions Deployment & Legacy Retirement — we deploy your new production solution, monitor performance 24/7, and sunset your legacy environment with zero downtime and operational impact.

Lighten the Load With Ocient Management Services

Let our team of experts manage your Ocient Hyperscale Data Warehouse deployment so you can focus on more pressing business priorities. With Ocient Management Services, you'll get expert help with software installation, upgrades, monitoring, and more.

Flexible Deployment Options

On Premises

Deployed in your datacenter

Public Cloud

Amazon Web Services or Google Cloud Platform

OcientCloud™

Hosted in the Ocient datacenter

See the Savings in Action

Contact us for a demonstration or a cost savings analysis: sales@ocient.com

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