

Hitachi iQ

Hitachi iQ is a tailored AI solutions suite designed for industrials and businesses committed to AI emergence. Empower your organization to automate processes, accelerate time-to-insights and unlock innovation.

Unlike conventional AI offerings, Hitachi iQ transcends basic integration and storage capabilities by layering industry-specific AI outcomes within the AI solution. Hitachi iQ is the only accelerated solution on the market that provides unified access to data wherever it resides while ensuring explainability, lineage, data accuracy, security and traceability.

1. Simplified Deployment

Hitachi iQ, with NVIDIA HGX™ and Hitachi iQ with NVIDIA DGX BasePOD™ certified reference architecture, is the shortest distance from AI to ROI with ease of deployment, operation, and maintenance through a single vendor approach.

2. Accelerated Architecture

Accelerate performance to thoroughly saturate GPUs and get the most value from your processor spend. Hitachi iQ will increase AI research productivity with up to 20X improvement in GPU utilization and AI training times.

3. Independently Scale

Increase compute power or expand storage capacity independently with the flexibility to adapt to diverse and fluctuating data sizes, data types and workloads.

4. Continuous Productivity

High reliability and availability with minimal downtime to ensure unfailing access and consistent high-performance data flows to keep GPUs operating at peak efficiency.

5. Economics and Sustainability

Achieve more than 65% storage cost savings. Use EverFlex to access a variety of consumption models. Drive sustainability through higher-performance systems, zero-copy architecture, and leveraging shared storage instead of traditional High-Performance Computing clusters.

6. Hybrid Cloud Ready

Manage the hybrid cloud environment seamlessly with a single data management and management plane, optimizing cost containment while increasing performance.

7. Enhanced Data Quality

Identify, classify, transform, move, consolidate and prepare data to get the most value out of AI/ML initiatives. Provide unified and virtualized access to data irrespective of where it resides while ensuring explainability, lineage, data accuracy, security, and traceability at any given point for enterprise mission-critical solutions.

8. Speed Time-to-Value

Quickly build and deploy robust data pipelines to optimize the ingestion, integration and quality of data, assembling and tiering to the right location for cost, regulatory, and performance requirements.

9. Hit the Ground Running

AI Discovery Service for Hitachi iQ helps with opportunity analysis, use case selection, and planning to determine the right AI pipelines and workloads to drive business growth with fast time-to-value. It provides a prioritized AI use cases roadmap and AI concept documentation with a POC plan.

10. Decades of Industry and Data Expertise

With over 100 years of domain expertise in industries such as rail, energy, manufacturing, transportation and more, Hitachi Ltd. can deliver outcome-led designs engineered with Hitachi and NVIDIA based on a pre-built foundation with bespoke customization and delivery.