

SOLUTION PROFILE

# Hitachi iQ

## An AI Solution Suite Tailored for Industry Needs: Ideal for Organizations Investing in AI/ML Workloads



### *Fast and Efficient Results*

Harness the power of validated and seamlessly integrated industry-leading AI technologies to accelerate your transformation journey and quickly gain insights.



### *Timely and Accurate Decisions*

Ensuring data is relevant and accessible for AI applications and analytics, while prioritizing security and compliance.



### *Industry Relevant, Meaningful Outcomes*

Recognizing not all organizations possess the AI skills for their industry, we bring our expertise to help bridge the gap, creating cutting-edge AI applications, accelerating your outcomes.

## Deliver fully integrated solutions that enable organizations to leverage AI technology no matter where your data resides.

Organizations are constantly looking for ways to automate their business, accelerate time-to-market and develop new insights, products, or innovations to propel their business forward. Hitachi iQ allows organizations to automate, expedite, and streamline their business through intelligent, performant, scalable and flexible AI and GenAI solutions.

Unlike conventional AI offerings, Hitachi iQ transcends basic integration and storage capabilities by also layering industry-specific AI outcomes within the AI solution. This approach ensures outcomes are finely tuned to each organization's unique needs and objectives.

Hitachi iQ is the only accelerated solution on the market that provides unified access to data irrespective of where it resides while ensuring explainability, lineage, data accuracy, security, and traceability at any given point for mission critical solutions.

Optimize AI deployments with an end-to-end software-defined AI and data analytics software to streamline development and deployment of production-grade AI applications, from pilot to production.

**Hitachi iQ is the flagship AI portfolio from Hitachi, powered by NVIDIA® technologies.**



Finance



Energy



Transportation



Media & Entertainment



Manufacturing



Healthcare

Hitachi iQ leverages its deep domain experience with 110+ years of experience in the Operational Technology (OT) market in industries such as finance, transportation, energy, media & entertainment, manufacturing, and healthcare.

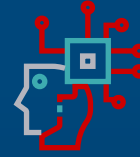
With Hitachi's OT and IT legacy, the Hitachi iQ portfolio integrates infrastructure and capabilities to deliver industry-specific AI solutions tailored to our customers' needs.

## General Purpose AI Use Cases

The possibility of AI and Generative AI in the market is endless. The industry is using this for everything from creating art and graphic design elements to writing code and generating marketing tag lines. The use cases are endless. These popular use cases can be used to provide immediate benefit to any organization.

Whether you are looking for industry specific AI solutions or just starting to identify general-purpose capabilities, AI has the power to automate your business processes and improve on your customer experience.

- Customer Service Voice Assistant:** Customer services assistance revolutionizes customer service with its advanced voice recognition technology, offering real-time responses and personalized assistance. These virtual assistants streamline interactions, ensuring customer queries are handled efficiently and with a human touch.
- LLM Recommender System:** Leveraging the power of Large Language Models, recommender systems deliver highly accurate, context-aware suggestions. It personalizes content, products, and services, making discovery seamless and engaging.
- Coding and Development Copilot:** Copilots can act as an invaluable partner in the development process, offering real-time suggestions, debugging assistance, and code optimization. It accelerates development cycles and enhances code quality by leveraging advanced AI algorithms.
- Automated Document Processing and Analysis:** This use case applies AI to streamline the processing, analysis, and management of large volumes of documents within enterprise environments. By automating tasks such as data extraction, categorization, and summarization, businesses can significantly reduce manual workloads, improve accuracy, and enhance decision-making processes across various departments like finance, HR, and legal.
- Financial Reporting & Accounting:** By utilizing large language models that specialize in tax, accounting, cash flow, & more, these solutions can reduce the repetitive tasks that workers and consultants are required to do, helping streamline operations & reduce errors for data entry, transaction categorization, and invoice processing.
- Edge Inference:** Edge Inference technology brings AI computing closer to the data source, minimizing latency and enhancing real-time decision making. It's ideal for applications requiring instant analysis and action, from autonomous vehicles to smart city infrastructure.



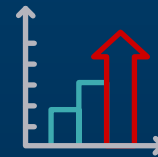
### PERSONALIZE YOUR AI

Built to meet the rigors of AI, engineered for industry outcomes, but customized to your needs.



### ACHIEVE FASTER INSIGHT

Accelerated architecture delivers massive performance starting at 600GB/s and 22M IOPs resulting in as much as a 20x improvement in GPU resource utilization through improved processing.



### SIMPLIFY TO SCALE

Validated designs and solution blueprints provide the flexibility and scale to rapidly develop, test, and deploy modern AI solutions while adapting to fluctuating customer workload demands.



### LOWER TCO

Leverage lower cost, erasure coded, scale out object storage to safeguard data, catalog for re-use and store data long term while optimizing costs.



### IMPROVE ACCURACY

Increase quantity and quality of data to improve reliability of results. Identify, classify, transform, move, consolidate and prepare data to get the most value out of AI/ML initiatives.

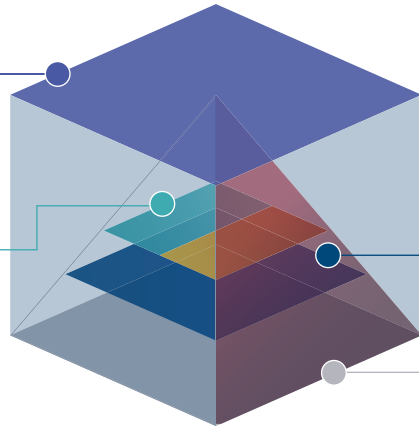
## Hitachi iQ

### Outcome

Realize the outcome faster with Hitachi led solutions across multiple BU's (Hitachi Digital & Hitachi Ltd.)

### Support/PS

End-to-end services & support of the solutions with the partner ecosystem



### Software

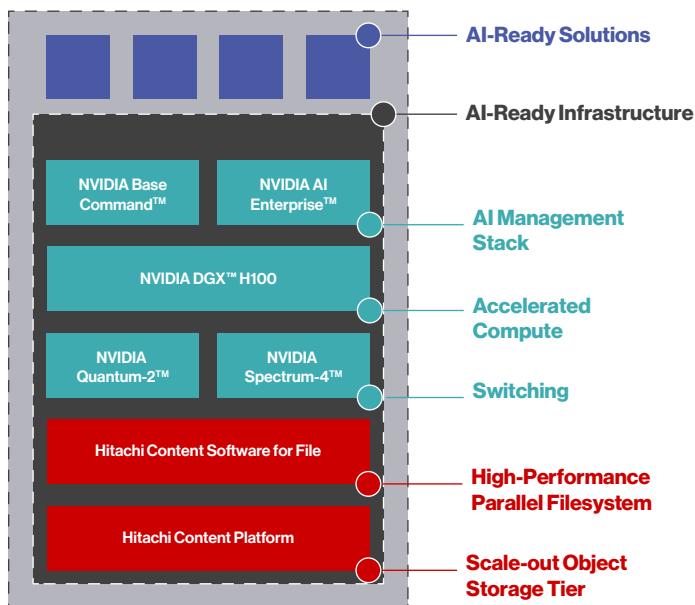
Leverage the accelerator software suite to provide relevant, modern, & simplistic enablement

### Platform

A combined offering with both Hitachi Content Software for File and the compute accelerator to provide a single computational framework for AI processing

- Engineered with Hitachi & NVIDIA
- Outcome led design
- Accelerated integration based on a pre-built foundation
- Bespoke customization & delivery

## Hitachi iQ Integrated AI Solutions



**“With Hitachi iQ, gain intelligent, scalable, and adaptable GenAI solutions and services that outpace conventional approaches. Unlike basic integration methods, Hitachi iQ elevates outcomes by integrating industry-specific capabilities into the AI solution stack, ensuring more precise and pertinent business results.”**

**Jason Hardy**  
CTO of Artificial Intelligence at Hitachi Vantara

### ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the Fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit [hitachivantara.com](https://hitachivantara.com).



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