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

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.

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.
**Hitachi iQ Integrated AI Solutions**

- **AI-Ready Solutions**
- **AI-Ready Infrastructure**
- **AI Management Stack**
- **Accelerated Compute**
- **Switching**
- **High-Performance Parallel Filesystem**
- **Scale-out Object Storage Tier**

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**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.

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“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

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**SOLUTION PROFILE**

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

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**Outcome led design**

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**Hitachi iQ Integrated AI Solutions**

**AI-Ready Solutions**

- NVIDIA Base Command™
- NVIDIA AI Enterprise™
- NVIDIA DGX™ H100

**AI-Ready Infrastructure**

- NVIDIA Quantum-2™
- NVIDIA Spectrum-4™

**AI Management Stack**

- Hitachi Content Software for File

**Accelerated Compute**

- Switching

**High-Performance Parallel Filesystem**

- Scale-out Object Storage Tier