

Solution Profile

Pave the Way for Prosperous AI With Hitachi AI Data Foundation

A Solid Data Foundation Enables Successful AI



Adopt AI-Ready Infrastructure

Deploy scalable, high-performance infrastructure with an AI solution development and orchestration platform.

Get Your Data AI-Ready

Turn fragmented data into AI-ready assets with a common data and control plane with a unified, governed data foundation.

Trust an Experienced Partner

Rely on an industry leader with over a century of IT and operational technology experience and a broad network of technology partners.

Prepare for responsible, meaningful AI.

AI adoption is in full swing, but the move from pilot to production is shining a light on new challenges that are not always apparent in the experimentation phase.

- A lack of AI data readiness leads 60% of AI projects to be abandoned due to data failures. (Gartner®)
- Large AI skill gaps are evident: over 90% of global enterprises face critical AI skills shortages with roughly 40% of roles in the Forbes® Global 2000 involving direct engagement with AI agents. (IDC®)
- A rising tide of regulations and shadow AI use are pushing 93% of executives to say that AI sovereignty will be critical to their strategy. (Forbes)

A solid data foundation enables successful AI, turning fragmented data into AI-ready assets and providing the high-performance infrastructure required to run AI at-scale. With integrated, easy-to-use solutions, this sound basis delivers enterprise governance, reliability and security as well as full control over data and AI models.



Retain Control

Implement responsible AI practices while preserving control over models and processing.



Simplify AI

Use pre-integrated solutions, AI blueprints and low-code development tools to streamline adoption.



Accelerate ROI

Generate business impact in weeks with pre-integrated components and industry algorithms.

Hitachi Vantara: The Data Foundation for Innovation

Hitachi Vantara brings together disparate data sources and infrastructure into a trusted, scalable base for AI.

Our solution equips IT and data teams with the controls and tooling needed to enable secure, governed and sanctioned use of agentic AI internally. Thus, it reduces reliance on unsanctioned or open-source tools adopted by individual users.

By establishing a controlled path to AI adoption, our data foundation for AI helps enterprises reduce risk, improve data readiness and accelerate AI-driven outcomes with confidence.

Hitachi combines 100+ years of operational technology expertise with data lakehouse technologies as well as AI infrastructure, software and services to deliver AI solutions that go far beyond chatbot AI.

This is AI that can optimize power grids, manage rail networks and transform factory floors — and it is production-ready from day one.

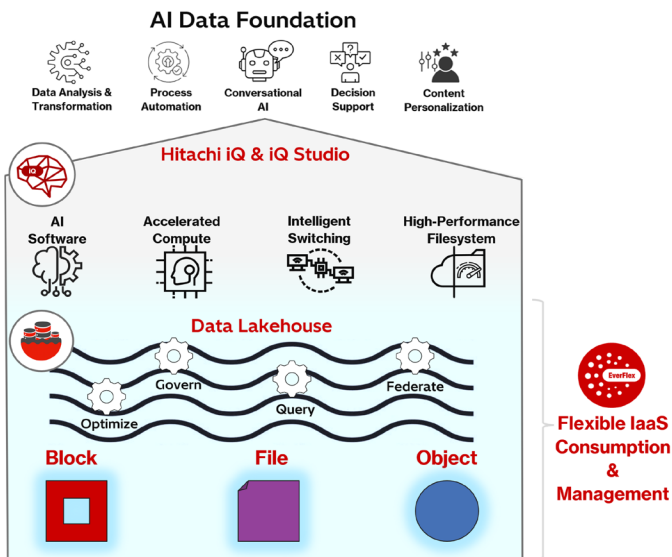


Figure 1. AI-ready infrastructure and data lakehouse solutions create a data foundation that is trusted for enterprise data and built for AI.

Data Lakehouse

Hitachi brings decades of experience engineering platforms that support availability, performance and governance. [Hitachi Data Lakehouse](#) drives the AI, analytics and data management initiatives your teams run every day. Hitachi Data Lakehouse is designed for storage, governance and query access to work together from day one, without gaps or operational guesswork.

- Unify enterprise data across distributed sources.
- Query and analyze data where it lives.



- Govern and prepare data for AI and analytics.
- Enable trusted access across hybrid cloud.
- Deliver AI-ready data for machine learning (ML) and analytics.

AI Infrastructure and Software

[Integrated AI solutions](#) deliver extreme performance and resiliency at scale and make your AI infrastructure simpler and faster to design, deploy and manage. Whether building specific AI solutions or just starting to identify general-purpose capabilities, Hitachi has the power to automate your business processes and improve your AI experience, regardless of your chosen AI projects.

Agent builder software enables customers to build, deploy and manage AI agents and applications at scale. Hitachi iQ Studio software acts as a turnkey integration hub for AI with a no-code/low-code agent builder, a library of AI blueprints and a host of enterprise grade governance tools, including AI guardrails, observability, explainability and model management.

AI Solutions

Together, the data lakehouse and AI solutions create a sovereign AI environment that simplifies AI infrastructure deployment. They accelerate time-to-value and let you retain control over your data and your AI.

With 100+ years of experience across diverse industries, Hitachi delivers outcome-led designs for:

- Data Analysis and Transformation — Process data into meaningful insights and convert data to new formats, to make it more usable and accessible for different applications.
- Process Automation and Optimization — Streamline, enhance and automate a variety of business processes, to improve productivity and reduce costs.

- Conversational AI and Virtual Assistants — Create instinctive and intelligent communication systems that can interact with others through natural language, to save time and improve customer service and satisfaction.
- Information Exploration and Decision Support — Discover, analyze and interpret data, to make more informed and insightful decisions.
- Content Generation and Personalization — Produce tailored content that meets the specific requirements and preferences of individual users, to increase customer engagement and fulfillment.

Summary

Hitachi AI Data Foundation provides unified, governed access across all data types. It makes data accessible and available for AI and turns fragmented data into AI-ready assets.

The high-performance infrastructure reliably scales AI workloads from pilot to production. It delivers an AI solution development and orchestration platform that combines tools, industry expertise and services to accelerate real-world deployment.

[Read the ebook](#) →

About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi, Ltd., we're the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.

Hitachi Vantara

Corporate Headquarters
2535 Augustine Drive
Santa Clara, CA 95054 USA
hitachivantara.com | community.hitachivantara.com

Contact Information
USA: 1-800-446-0744
Global: 1-858-547-4526
hitachivantara.com/contact

© Hitachi Vantara LLC 2026. All Rights Reserved. All other trademarks, service marks and company names are properties of their respective owners.

HV-CBE-SRS-File-Name-Goes-Here-25Aug25-C