

Solution Profile

Hitachi Vantara and Brocade: Leading Solutions for Mainframe Storage

Unlock mainframe storage potential with our combined expertise

Together, we deliver high-performance, reliable and scalable solutions tailored to meet the needs of modern enterprises.

Experience enhanced data availability, seamless integration and robust security to drive operational efficiency and support your business growth. Transform your mainframe infrastructure today!

We Shield Your Critical Operations From Risks

- **Robust Data Protection:** Together, we offer comprehensive backup and rapid recovery solutions as well as ransomware protection to ensure data resiliency and integrity.
- **Unrivalled Data Availability:** The Hitachi Vantara 100% Data Availability Guarantee coupled with Brocade's renowned networking resilience mitigates downtime by delivering global views and seamless integration across all systems and fabrics.
- **Fast Data Restoration:** The proprietary Hitachi Vantara approach to moving data between distant locations at unparalleled speeds allows us to restore data faster and minimize loss more effectively than any other provider in the mainframe storage sector. Brocade data center extension solutions enable efficient solutions that can handle high bandwidth, low latency and reliable replication of mainframe data to remote sites, ensuring business continuity in the event of a disaster.



Key Benefits

Hitachi Vantara and Brocade deliver:

- 100% data availability guaranteed
- Seamless integration with IBM
- 30%-40% reduction in CO2 emissions
- Over 20 years of future-proof performance

We Revitalize and Streamline Your Mainframe Storage

Scalable Architecture

Hitachi storage solutions scale easily with growing transaction volumes, ensuring that performance remains high as your business demands evolve. Brocade high-performance, high-density and modular design platforms enable the expansion of IBM® FICON® infrastructure to meet the demanding requirements of your modern mainframe environment.

Seamless Compatibility and Interoperability

Hitachi mainframe storage solutions have undergone rigorous testing and validation with IBM since 2005, so you can be assured of their robust compatibility and proven performance. For example:

- Hitachi Vantara Virtual Storage Platform One (VSP One) includes comprehensive APIs, enabling one IT team to efficiently manage both your mainframe and open storage systems.
- In addition to interoperability, VSP One offers a single view, simplifying training across various products.

Brocade also ensures that its FICON solutions are seamlessly compatible with IBM mainframes, working closely with IBM to ensure FICON switches and directors are fully compatible with IBM z Systems® mainframes. In this way, Brocade:

- Provides you with a reliable and high-performance mainframe infrastructure for your critical applications.
- Minimizes the risk of interoperability issues.
- Guarantees seamless integration with IBM mainframes, simplifying deployment and configuration.

We Help You Drive Sustainable Consolidation for Peak Performance and Resilience

Best Sustainability

Through consolidation, you can reduce CO2 emissions by approximately 30%-40% compared to previous Hitachi mainframe storage models, helping you achieve sustainability goals. Through its modular family of FICON directors, Brocade offers high port density, allowing the connection of a large number of mainframes, storage devices and other components in a smaller physical space. Thus, it reduces the number of switches and directors required, leading to lower energy consumption and a smaller data center footprint.

Unmatched Performance

Hitachi mainframe storage solutions deliver unparalleled consolidation capacity, while still achieving the highest IOPS and scalability in the industry. Brocade directors are designed to optimize network traffic and resource allocation to offer superior proven performance through advanced features for managing and optimizing FICON fabrics, including zoning, routing and QoS.

Consolidation Without Compromise

Hitachi mainframe storage solutions streamline infrastructure for mission-critical applications, prioritizing data availability and robust resiliency. With comprehensive measures to mitigate risks, including downtime, productivity losses and security threats, you can operate confidently while ensuring seamless performance. The Brocade family of FICON directors offers a high number of FICON ports in a single chassis to enable more mainframes, storage and other devices to connect with fewer physical switches, reducing hardware footprint and complexity.



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Better Together. Hitachi Vantara and Brocade.

Hitachi Vantara and Brocade have redefined the gold standard in mainframe storage and networking — delivering future-proof performance, resilience and security for more than 20 years.

Together, we dramatically reduce complexity and TCO while offering the highest performing, lowest latency enterprise-grade solution in the market. Hitachi Vantara mainframe storage provides unparalleled storage performance, sustainability and resilience for your mission-critical applications. While with Brocade® Gen 7 Fibre Channel, you gain a secure, cyber-resilient, autonomous SAN that amplifies the ROI of your servers and storage investments.

Find out more about Hitachi Mainframe solutions

Learn more →

About Brocade

Brocade Fibre Channel solutions deliver innovative, high-performance networks that are highly resilient and easy to deploy, manage and scale for the most demanding environments, making them the most trusted, widely deployed network infrastructure for storage.

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.



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

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