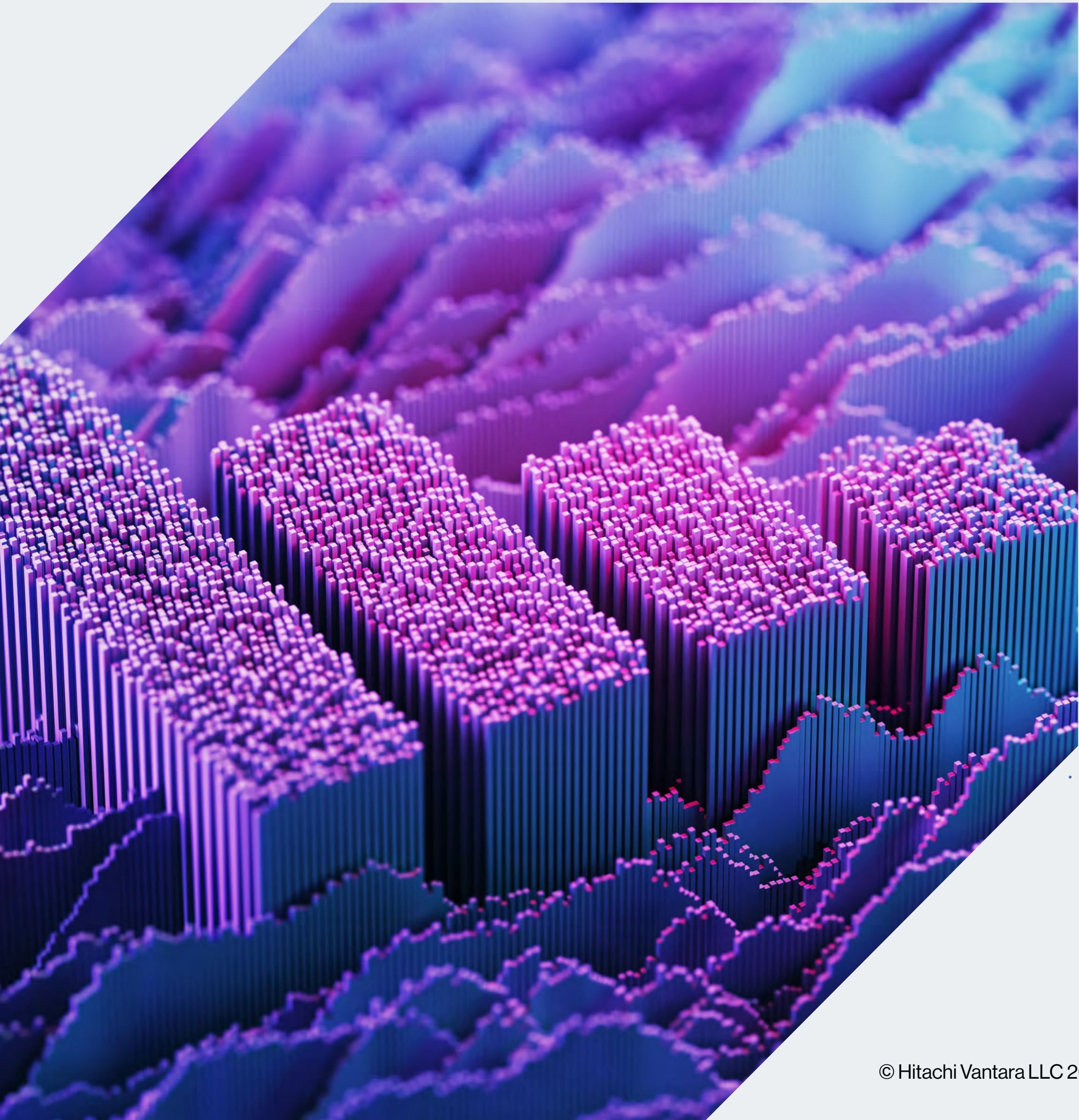**Hitachi Vantara**

eBook

From Bottlenecks to Breakthroughs

How 7 Industry Leaders Turned Data Strategy Into Business Momentum

Transform Your Mission-Critical Applications & Databases

Elevate mission-critical business applications and databases with reliable, high-performance storage that delivers unmatched resiliency and operational efficiency. Maximize performance, streamline operations and ensure data integrity across your most critical systems. Consolidate resources, reduce costs and simplify management to enhance customer experiences.

With the Hitachi Virtual Storage Platform One (VSP One) portfolio, you'll deliver the right data to every application — from edge to cloud — unlocking real-time insights, seizing emerging opportunities and scaling effortlessly to support diverse workloads and deployment models.

See how seven forward-thinking organizations turned enterprise applications and databases into engines of innovation with Hitachi Vantara.

Table of Contents

Yapı Kredi

Leading Bank's Flash-Powered Formula for Resilient Growth

Yapı Kredi, one of Turkey's top banks, needed faster, more reliable tech to keep up with growing demands. So, they moved on from their old hybrid storage and upgraded to Hitachi Virtual Storage Platform storage arrays.

The result? Lightning-fast transactions, rock-solid uptime and far less energy use. Their Oracle systems now run smoother, greener and cheaper. Plus, with smart tools like Hitachi Ops Center Administrator and Ops Center Analyzer, managing storage is a breeze.

Bottom line: better performance, lower costs and a greener footprint — *all thanks to a smart storage upgrade*.

Industry:
Financial Services

Challenge:
Aging hybrid storage limiting performance and scalability

Solution:
Hitachi Virtual Storage Platform (VSP)

Key Results:
Faster transactions, improved availability, 30%+ energy savings, reduced infrastructure costs

Read the full case study

"The Hitachi arrays have significantly improved the availability of our mission-critical Oracle applications. The solutions have delivered outstanding reliability, stability and scalability."

— Mustafa Çetin, Infrastructure Planning and Platform Director, Yapı Kredi Technology

Infosys

Global IT Giant's Lightning-Fast Leap Toward Seamless Service

Infosys needed to supercharge its internal systems to keep pace with global operations and deliver a smooth digital experience for its massive workforce. So, it upgraded to Hitachi Virtual Storage Platform (VSP) and Integrated Systems (formerly UCP CI) platforms, packing in high-density NVMe drives and powerful performance tools.

The result? Blazing-fast app response times, simplified workflows and a leaner, greener infrastructure. With fewer racks, lower energy use and near-instant microservices communication, Infosys is now running smarter and cleaner.

Bottom line: faster apps, happier teams and a big step toward carbon neutrality — *all powered by Hitachi.*

Industry:
IT Services

Challenge:
Legacy systems slowing internal app performance for 300,000+ employees

Solution:
Hitachi Virtual Storage Platform (VSP), Hitachi Integrated Systems [formerly Hitachi Unified Compute Platform CI (UCP CI)] and Hitachi Ops Center portfolio tools

Key Results:
Sub-millisecond response times, 50–60% energy savings, reduced data center footprint

Read the full case study

"[Hitachi] is running our applications at least 10 times faster than our SLA requires.... That means our microservices can communicate almost instantaneously, so we can provide a seamless user experience for our employees."

— Vadiraj Adiga, Associate Vice President, Enterprise Platform Management, Infosys

Suva

Swiss Insurer Boosts SAP Performance With High-Speed Storage Modernization

Suva, Switzerland's national accident insurer, needed faster, more reliable infrastructure to support its digital-first strategy and SAP-driven operations. By upgrading to Hitachi Virtual Storage Platform (VSP) and complementary platforms, Suva unlocked high-speed performance for its SAP ERP and CRM systems, enabling faster claims processing and smarter customer engagement.

The result? SAP workloads now run with lightning-fast IOPS, real-time analytics and seamless integration with large Oracle®, PostgreSQL® and Microsoft® SQL Server® databases. With deduplication and compression boosting capacity and mirrored data across sites, Suva's infrastructure is now more agile, scalable and resilient.

Bottom line: Suva's SAP environment is faster, smarter and future-ready — *thanks to a strategic storage upgrade.*

suva

Industry:
Insurance

Challenge:
Legacy infrastructure slowing SAP and analytics performance

Solution:
Hitachi Virtual Storage Platform (VSP), Hitachi NAS Platform (HNAS), Hitachi Content Platform (HCP)

Key Results:
10M+ IOPS, 1.85:1 data reduction, real-time analytics, seamless SAP integration

Read the full case study

"We measured 10 million IOPS, which is great since we really need the performance for our high-traffic databases. Before the modernization, some systems operated close to the limits of our infrastructure — today, we have plenty of room for flexibility and growth."

— Christian Arn, Head of IT Infrastructure, Suva

SFS Group

Global Manufacturer Modernizes SAP and Oracle With High-Performance Private Cloud

To support its global operations and digitization strategy, SFS Group partnered with Hitachi Vantara to build a high-performance private cloud infrastructure. Central to this transformation was the deployment of next-generation business applications, including SAP S/4HANA and Oracle Database, which demanded robust, scalable and resilient systems.

The result? SFS Group runs more than 800 virtual and physical servers supporting critical workloads like SAP ERP, SAP HANA and Oracle. The Hitachi infrastructure solution includes Advanced Servers and VSPs, optimized for performance and disaster recovery. SAP data is archived using HCP to meet compliance and auditing needs, while backups are managed via HDPS.

Bottom line: This single-vendor setup with Hitachi Vantara has simplified disaster recovery for SAP applications, reduced operational risk, and cut TCO by 20%.

Industry:
Manufacturing

Challenge:
Legacy infrastructure unable to support next-generation SAP S/4HANA® and Oracle workloads efficiently

Solution:
Hitachi Integrated Systems (formerly UCP CI), Hitachi Advanced Servers, Hitachi Virtual Storage Platform (VSP), Hitachi Content Platform (HCP), Hitachi Data Protection Suite, powered by Commvault® (HDPS)

Key Results:
Seamless integration and performance for SAP S/4HANA and Oracle, 20% reduction in TOC, simplified disaster recovery and compliance, faster provisioning and reduced operational risk

Read the full case study

"Rapid backups and disaster recovery processes are crucial for us to maintain availability for our manufacturing lines. Using Hitachi Content Platform to archive SAP data according to compliance and auditing requirements has proven highly effective and cost-efficient. For improved resiliency, we're currently expanding our implementation of Hitachi Data Protection Suite, powered by Commvault, to include in-memory business data from SAP HANA."

— Urs Lüchinger, Head of IT Infrastructure Backend at SFS Group

itelligence Nordic

itelligence

Nordic SAP Cloud Leader's Agile Leap Into Scalable, Pay-As-You-Grow Services

As demand for cloud-based SAP HANA services surged, itelligence Nordic sought to offer scalable, cost-effective solutions without forcing clients to overinvest in infrastructure. Traditional SAP HANA appliances required upfront sizing guesses, often leading to wasted resources or costly replacements.

The result? To solve this, itelligence deployed Integrated Systems for SAP HANA, enabling dynamic scaling without downtime or data migration. Clients can start small and expand seamlessly, thanks to the modular architecture of Integrated Systems.

Bottom line: This flexibility allows itelligence to deliver truly pay-as-you-grow services, eliminating the need for oversized appliances and reducing infrastructure costs.

Industry:
IT Services Cloud Services Provider

Challenge:
Provide pay-as-you-grow consumption model for SAP HANA

Solution:
Hitachi Virtual Storage Platform (VSP) and Hitachi Integrated Systems [formerly Hitachi Unified Compute Platform (UCP) for the SAP HANA Platform]

Key Results:
Enables itelligence to meet growing client demand for flexibility, creates a truly pay-as-you-grow service, cuts infrastructure costs thanks to re-usable building blocks

Read the full case study

"It's like playing with Lego! We can add blocks to clients' systems in as little as 10 to 15 minutes and just keep adding blocks until the environment reaches the maximum memory limit as imposed by SAP. Above that limit, and without the introduction of proprietary multisocket extensions, SAP requires the environment to be a scale-out solution, as opposed to a scale-up solution. The beauty of UCP [now called Hitachi Integrated Systems] is that we can use the same building blocks to support both scale-up and scale-out SAP HANA environments, enabling us to support clients as they grow."

— Torben Prang, Director of IT Infrastructure, itelligence Nordic

Magyar Telekom

Driving Innovation With Hitachi Virtual Storage Platform Midrange Storage

To support rapid service innovation and manage explosive data growth, Magyar Telekom upgraded its aging storage infrastructure with Hitachi Virtual Storage Platform (VSP). The new NVMe-based solution delivers ultra-low latency, high availability, and a 2.3x compression ratio — reducing the storage footprint by 3x and energy consumption by 4x.

The result? The VSP now powers Magyar Telekom's mission-critical enterprise applications, including SAP ERP systems and Oracle Databases, ensuring reliable performance across its 400+ applications. The solution also supports VMware environments and the Siebel CRM platform.

Bottom line: Hitachi Ops Center Automator and Administrator streamline provisioning and reduce manual tasks, while the global-active device feature ensures high availability.

Industry:
Communications

Challenge:
Accommodate explosive growth in data volumes triggered by fast-paced service innovation

Solution:
Hitachi Virtual Storage Platform (VSP), global-active device feature, Hitachi Ops Center Administrator, Hitachi Ops Center Automator

Key Results:
3x reduction in storage footprint, 4x energy saving and 2.3x compression ratio, creating headroom for future digital initiatives

Read the full case study

"With Hitachi, we've significantly increased IOPS while simplifying management. Our SAP and Oracle systems run more efficiently, and the compact NVMe architecture helps us consolidate data center space."

— Tamás Krausz, BasePlatform Chapter Le, Magyar Telekom

Agrarmarkt Austria (AMA)

Powering Agriculture With Enterprise-Grade IT

Agrarmarkt Austria (AMA) supports 130,000 farms with financial, marketing and operational services. To meet growing digital demands, AMA modernized its IT infrastructure with Hitachi Virtual Storage Platform (VSP) deployed across two data centers in partnership with Huemer Group.

The result? All-flash NVMe architecture ensures high availability and seamless failover for AMA's mission-critical enterprise applications, including SAP and Oracle Database with geospatial features. These systems add efficiencies, supporting key workflows like farm surveys, geographic analysis, financial management and subsidy processing.

Bottom line: Advanced prioritization and adaptive data reduction technologies optimize performance and capacity, while VMware virtualization supports scalable, reliable, high-quality IT services.

Industry:
Government (Agriculture)

Challenge:
Legacy storage infrastructure unable to support growing data demands and mission-critical applications like SAP and Oracle with geospatial features

Solution:
Hitachi Virtual Storage Platform (VSP), including all-flash NVMe architecture, adaptive data reduction and advanced prioritization features

Key Results:
- High availability and seamless failover for SAP and Oracle workloads
- Improved performance and scalability for digital agricultural services
- Improved storage capacity use via compression and deduplication
- Enhanced IT operations with proactive support and maintenance from Hitachi

Read the full case study

"Thanks to Huemer Group and Hitachi, we got our IT infrastructure to a whole new level, Hitachi routinely analyzes our systems and recommends updates and optimizations. Their proactive support and maintenance services are a huge advantage — they've proven their value many times."

—   Harald Schmidradler, Head of Operative Business, Agrarmarkt Austria
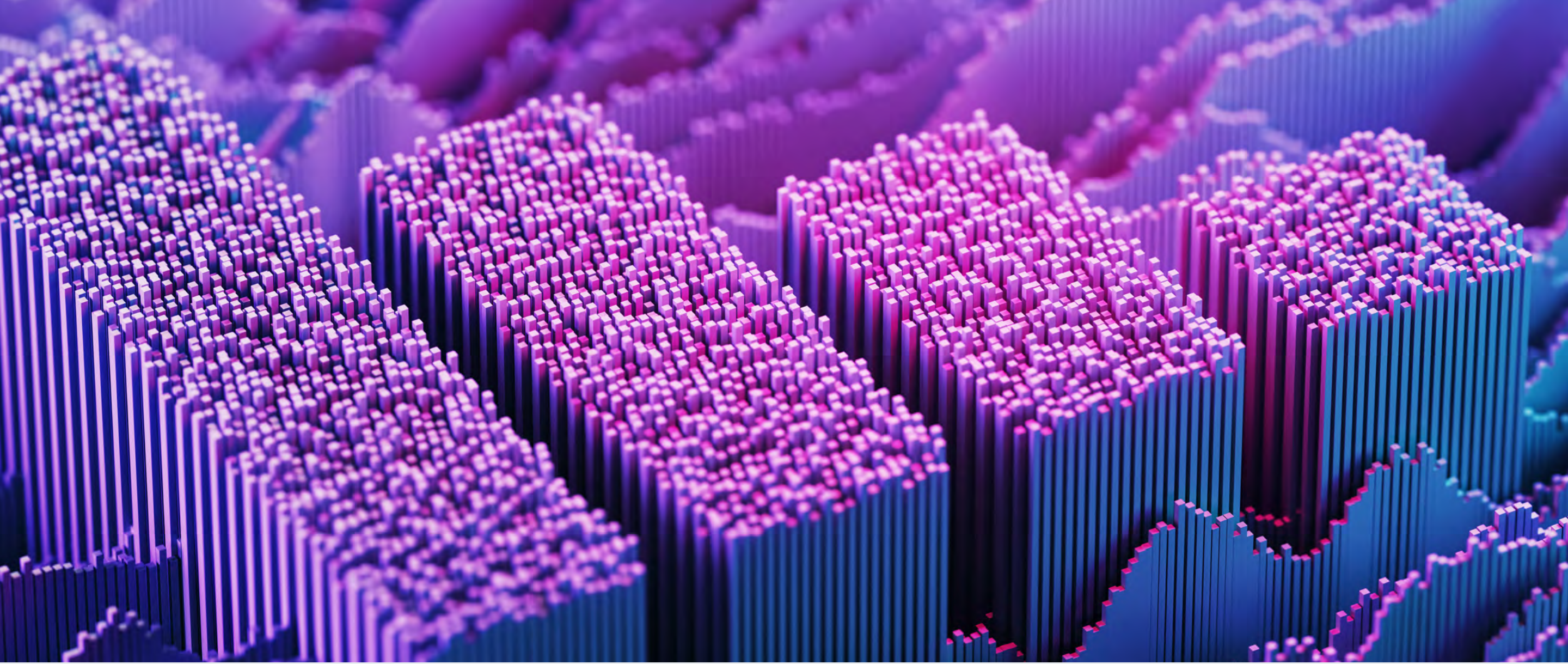
Seven Bold Moves, One Shared Outcome:
Smarter Infrastructure Accelerates Business

From streamlining global operations to enhancing customer experiences, these seven innovators didn't just modernize — they transformed. With Hitachi Virtual Storage Platform One, they unlocked real-time insights, scaled with confidence and turned data into a strategic asset.

The results? Faster decisions, stronger performance and measurable impact across every corner of the business.

Ready to turn your bottlenecks into business momentum?

Why VSP One Block High End?

Deliver ultra-fast, secure and resilient Hitachi enterprise storage with simplified management and guaranteed efficiency. Enable your organization to accelerate mission-critical workloads, reduce operational complexity, lower total cost of ownership, ensure regulatory compliance, and maximize scalability for future growth.

- **Performance:** ultra-fast, mission-critical acceleration.

- **Security & Compliance:** zero trust, certifications.

- **Resilience:** 99.999999% uptime, zero data loss.

- **Efficiency & Cost Control:** 4:1 data reduction, predictable CapEx.

- **Simplicity & Scalability:** centralized management, automation, NVMe density.

Modernize your enterprise apps and databases.

Explore Hitachi Vantara solutions →

hitachivantara.com
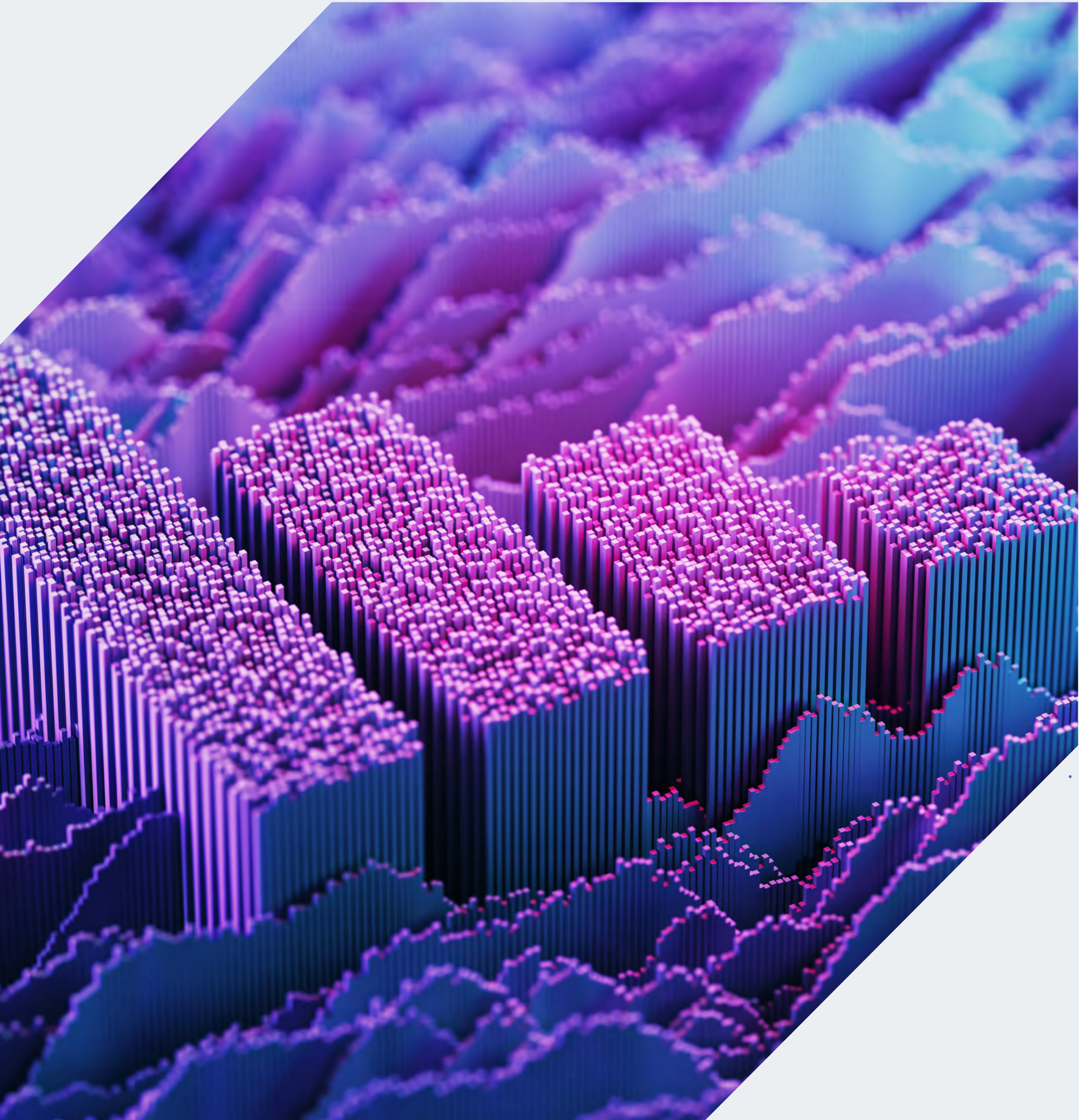
Hitachi Vantara

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