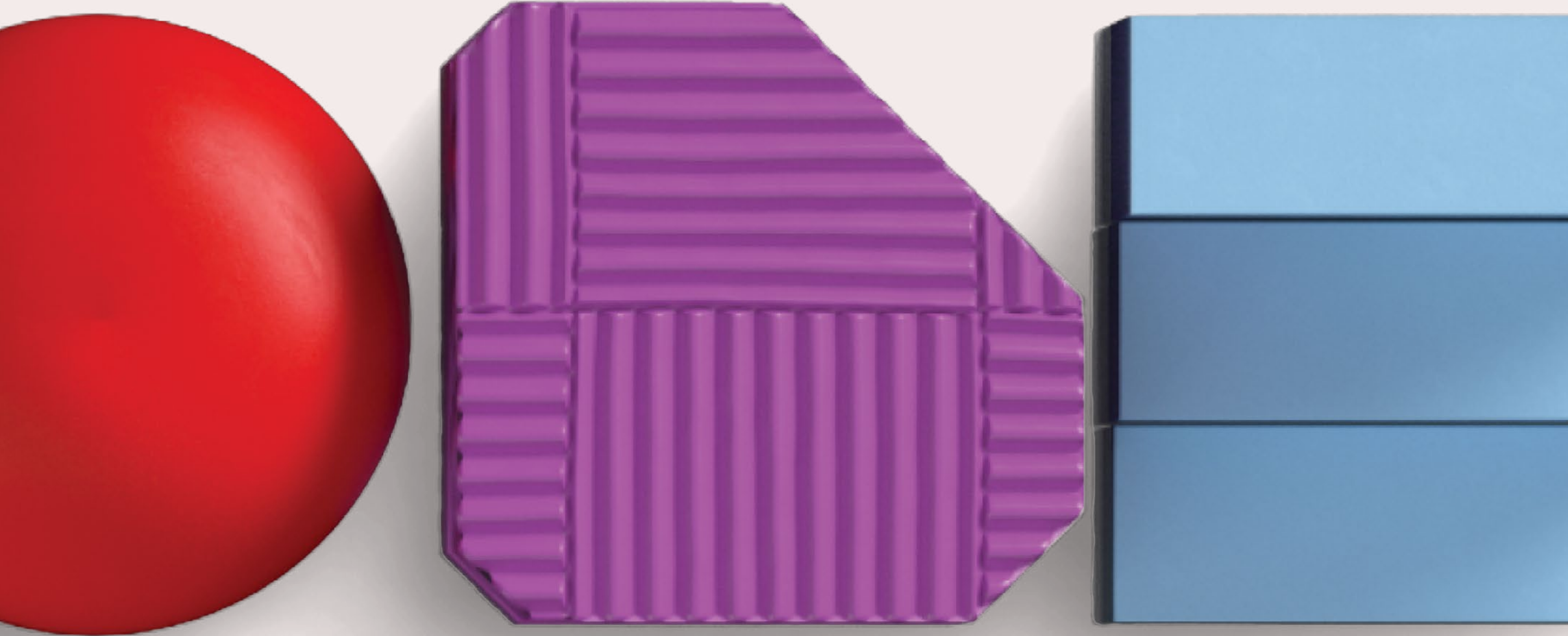


eBook

From Legacy to Velocity:

How VSP One Customers Turned Legacy Limits into Competitive Edge





At the Precipice of Growth

What happens when growth hits a data wall?

Five organizations faced the same roadblock: Outdated data storage that couldn't keep up with modern workloads. From an iconic Italian pasta producer to a Hong Kong-based logistics leader, each relied on critical applications to keep operations running 24/7. But as data volumes surged and complexity grew, legacy systems began to crack under pressure — slowing application performance, delaying decisions, and risking costly downtime and lost customer trust.

To move forward, they confronted a hard truth — modernize their data foundation or risk falling behind. But modernization isn't just about data challenges. It's about bold decisions.

Learn how five innovators from various industries turned their data infrastructure into a growth engine with Hitachi Vantara's trusted reliability.

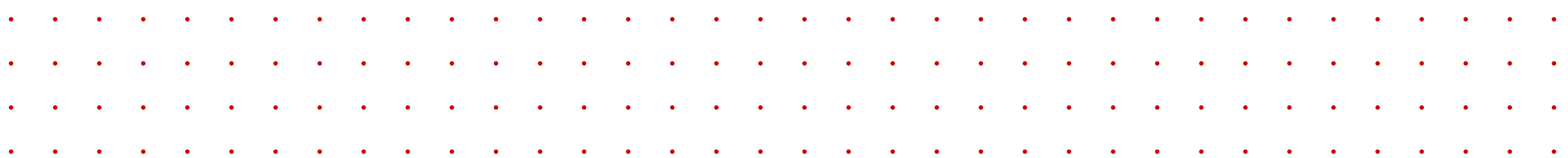




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La Molisana

A Classic Pasta Brand's Recipe for Global Growth

The Challenge

Can a century-old pasta brand stay fresh with aging infrastructure? As La Molisana sets its sights on broader horizons — new markets, new products, and sustainable operations — legacy systems threatened to slow momentum.

The company depends on core systems (ERP, supply chain, financial platforms) to run flawlessly across 100 countries. Any downtime disrupts production, delays distribution, and damages customer trust. With rising cyber threats and explosive data growth, modernization wasn't optional — it was survival.

The Solution

Partnering with technology advisor Eosys, La Molisana chose Hitachi Vantara Virtual Storage Platform One (VSP One) Block for its advanced data management, security, and integration capabilities.

Why VSP One: High-performance NVMe flash drives, native Veeam integration, advanced data reduction features, and energy-efficient design supporting sustainability goals.

“We evaluated several options, but VSP One delivered what others couldn't,” said CIO Maurizio Maio. The transition was seamless, with legacy storage repurposed as backup to maximize cost efficiency.

The Outcome

Storage **performance improved 2.5x** with NVMe flash drives, while advanced **data reduction delivered a 5:1 compression ratio** — shrinking the data footprint and **cutting energy use by over 30%**.

Teams across production, logistics, and finance now access data faster, moving with greater agility. Data protection got a major upgrade through seamless Veeam integration and VSP One's immutable snapshots that shield against ransomware.

The platform transformed from operational necessity into competitive advantage — powering daily operations, protecting the business, and positioning La Molisana to lead in new markets. From century-old tradition to cutting-edge technology, this is how heritage brands write their next chapter.

Industry

Food Manufacturing

Challenge

Legacy infrastructure limiting growth ambitions

Solution

VSP One Block with NVMe flash

Key Results

2.5x performance boost, 30%+ energy savings



“VSP One is the engine behind our operations that drives our market growth.”

Maurizio Maio
Chief Information Officer,
La Molisana

[Read the full La Molisana story here →](#)



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FarmaMondo

Moving Critical Medicine Across Time Zones

The Challenge

FarmaMondo delivers critical medicines where licensed options fall short — often across borders, under pressure, and without room for error. When patients depend on specialized treatments, delay isn't just inconvenient — it's a health risk.

With 30-40% annual growth straining systems and users across multiple time zones requiring 24/7 access, legacy storage was hitting capacity and performance limits. For a company where every delay could impact patient care, the stakes were crystal clear: modernize or risk lives.

The Solution

IT partner Netability delivered a streamlined approach: Replace four legacy servers with two high-performance machines and upgrade from Hitachi Vantara Virtual Storage Platform G200 to VSP One Block.

What's old is new again: The migration connected old and new arrays via fiber channel for zero-downtime data transfer, replacing legacy SSDs with high-speed NVMe drives. Enhanced security features like immutable snapshots strengthened the cybersecurity posture.

“We were amazed by the speed and simplicity,” said IT Manager, Antonio Adorno.

The Outcome

The transformation was dramatic. A **batch job that once took 20 minutes now completes in just six** — boosting productivity across global operations. Application response times improved significantly, especially for SAP workloads that power critical medicine distribution.

Beyond speed, VSP One offers **headroom for future growth while reducing energy consumption** and rack space requirements. Cost-effective scaling through Dynamic Drive Protection allows expansion to happen more efficiently, one drive at a time.

“To match this performance with our old setup, we'd need three times the hardware and power,” Adorno said. The smooth, zero-downtime migration reinforced confidence in 24/7 medicine delivery capabilities while strengthening ransomware protection for life-critical operations.

Industry

Pharmaceutical Distribution

Challenge

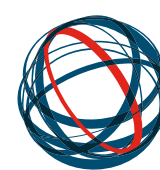
Legacy infrastructure limiting global medical supply

Solution

VSP One Block with NVMe drives, SAP HANA

Key Results

20 minutes > 6 minutes
batch processing



FarmaMondo
RESPONSIBLE ACCESS TO SPECIALTY MEDICINES

[Read the full FarmaMondo story here →](#)

“VSP One has taken us to a new level. It's reliable, fast, and future-ready.”

Antonio Adorno
IT Manager,
FarmaMondo



University of Mary Hardin-Baylor

A Timeless Mission with a Modern Data Foundation for Global Growth

The Challenge

For nearly two centuries, the University of Mary Hardin-Baylor (UMHB) has shaped futures through higher education. Today, its mission depends on digital platforms supporting everything from student success to campus operations.

But behind the scenes, a lean IT team was managing aging storage systems nearing end-of-life — putting performance, scalability, and continuity at risk. With thousands of students and faculty depending on seamless access, UMHB needed a solution that could scale with confidence.

“We rely on infrastructure to deliver high-quality experiences every day,” UMHB CIO Greg Brandenburg said. “We wanted something easy to deploy and manage,” adds Data Center Engineer Chris Hugo.

The Solution

UMHB selected Hitachi Vantara Virtual Storage Platform One (VSP One) Block, a compact, high-performance all-flash solution. With Hitachi management software, UMHB gained powerful management tools that simplify administration and optimize performance.

The pleasant surprise: “We quickly discovered [Hitachi’s] midrange solutions were not only affordable,” Brandenburg said, “they were the best technical fit for our needs.”

VSP One impressed with built-in Global-Active Device (GAD) replication, ensuring continuous data availability across sites without external appliances, and reducing complexity while delivering seamless failover and robust protection.

“The 100% data availability guarantee gave us peace of mind,” Hugo said. “Hitachi’s reputation for reliability made it an easy choice.”

The Outcome

With support from local partner Austin Data Logics, UMHB implemented VSP One. “The deployment was incredibly smooth,” Hugo recalled.

The university benefits from adaptive data reduction (ADR), automatically deduplicating and compressing data, **and gained up to 50% more storage capacity per dollar** compared to other options. With **simplified management**, UMHB’s lean IT team can now innovate — not just maintain. “One of the biggest benefits is that we don’t have to think about it — **it just works**,” Brandenburg said.

Industry

Higher Education

Challenge

Aging storage systems impacting student services

Solution

VSP One Block 24 with simplified management

Key Results

50% more capacity per dollar, streamlined operations



“We quickly discovered Hitachi’s midrange solutions were not only affordable — they were the best technical fit.”

Greg Brandenburg
CIO, UMHB

[Read the full UMHB story here →](#)



Aquiris

Turning the Data Flood into Clean Water for Brussels

The Challenge

Every day, Aquiris transforms 110 million cubic meters of wastewater into clean, safe water for Belgium's river systems — all while generating green energy in the process. Behind this environmental mission runs a complex, 24/7 operation powered by over one million data points daily.

When aging infrastructure began threatening performance and uptime, Aquiris knew it was time to take action.

“We simply cannot afford downtime,” said Managing Director Juan Ochoa. Aquiris faced a critical decision: modernize, or risk compromising one of Belgium's most vital environmental safeguards.

The Solution

Aquiris turned to Aretech, a trusted Hitachi Vantara channel partner. After evaluating the latest technologies, the choice was clear: Hitachi Virtual Storage Platform One (VSP One) Block — built for performance, efficiency, and rock-solid reliability.

The decision drivers: Hitachi's 100% data availability guarantee and advanced data compression delivering a 4:1 ratio to optimize space and energy use.

“VSP One was the clear standout. It gave us the performance and value no other vendor could match,” said Ochoa. Aretech used VMware vSphere vMotion to migrate over 50 virtual machines to the new platform, with legacy systems repurposed as backup targets.

The Outcome

VSP One replaced hybrid arrays, **dramatically improving performance for data-intensive tasks** like KPI tracking and purification monitoring. **Faster response times** equated to quicker issue resolution and more efficient plant operations.

Built-in compression and deduplication features let Aquiris **manage growing data volumes without expanding physical infrastructure**—enabling substantial cost and energy savings.

Most importantly, VSP One provides the resilience Aquiris needs for uninterrupted service, as well as a sustainable and secure foundation for Brussels' clean water future.

Industry

Water Treatment and Environmental Services

Challenge

Aging infrastructure threatening 24/7 operations

Solution

VSP One Block with 4:1 data compression

Key Results

30,000+ IOPS, zero tolerance for downtime



“The resilience and high availability of VSP One will help us reduce risk and maintain continuity of service.”

Juan Ochoa

Managing Director of the Plant,
Aquiris

[Read the full Aquiris story here](#) →



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DestekBank

Corporate Bank Adds Retail to Its Cart

The Challenge

DestekBank burst onto Turkey's financial scene with bold ambitions and rapid growth. In just one year, it built a strong foothold in corporate banking — and now it's gearing up to enter the retail market. That means onboarding thousands of new customers and handling a surge in daily transactions. But behind the scenes, aging storage systems were already straining under pressure. Managing multiple arrays was slowing operations, and end-of-life hardware posed serious risks to performance and continuity.

"To scale with confidence, we had to act," said DestekBank's Kemal Ozcan, Deputy CEO and CTO.

The Solution

To support mission-critical applications and rapid growth, DestekBank needed storage that could deliver uncompromising performance and resilience. Hitachi Vantara recommended Virtual Storage Platform One (VSP One) Block, deployed in a three-data-center (3DC) configuration.

Why this architecture works: "Hitachi's 3DC architecture with active-active replication stood out for its maturity and reliability," Ozcan said. The move to VSP One introduced NVMe flash drives, boosting throughput and reducing latency to keep pace with rising transaction volumes.

The bank consolidated multiple legacy arrays into a single, centralized platform with 4:1 compression ratio through adaptive data reduction (ADR), significantly increasing capacity while reducing space and energy use.

The Outcome

With VSP One powering operations across three data centers, DestekBank projects a **20% reduction in total cost of ownership with full ROI expected in just 18 months. Storage capacity also surged 40%, and application responsiveness improved 35%**, delivering a smoother experience for users. The 3DC active-active architecture ensures **99.999% uptime** and rapid recovery of mission-critical applications.

Operationally, energy-efficient arrays **cut data center power usage by 25%**, while Hitachi Ops Center streamlined storage management — slashing IT workload by 30% and freeing up the team for strategic innovation.

Industry

Financial Services

Challenge

Aging storage limiting rapid growth ambitions

Solution

VSP One Block in a three-data-center architecture

Key Results

40% capacity increase,
9.999% uptime



"Hitachi Vantara's expertise made the entire process seamless and reinforced our trust in the technology."

Kemal Ozcan
Deputy CEO and CTO,
DestekBank

[Read the full Destek Bank story here →](#)

Conclusion

When Data Becomes Your Competitive Edge

Five organizations. Five transformations. One clear truth: Modern growth demands modern infrastructure.

From La Molisana's century-old heritage to DestekBank's rapid expansion, each company faced the same crossroads — legacy systems that once powered success had become barriers to what's next. But rather than accept limitations, these innovators chose to act.

They didn't just upgrade legacy technology — they unlocked velocity.

VSP One became the engine behind:

- **Faster decisions**
- **Stronger security**
- **Sustainable operations**

Performance improved by multiples, not percentages. Energy consumption dropped while capacity soared. Most importantly, IT teams shifted from maintenance mode to innovation mode.

The pattern is clear. Whether you're protecting critical medicines, purifying water for millions, or handling temperature-sensitive cargo, your mission depends on data infrastructure that never blinks. VSP One delivers that foundation with the performance, reliability, and efficiency to power whatever comes next.

Transform legacy limitations into competitive advantages.

[Explore VSP One →](#)

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.