

ENTERPRISE-GRADE STORAGE FOR ORGANIZATIONS OF ALL SIZES

BEST PRACTICE GUIDE



Manage Growing Data Volumes With Scalable Infrastructure

It's no longer only enterprises that cope with growing data volumes and the management burdens they bring. We all need to reduce administrative overhead while scaling infrastructure. Plus, your organization needs to keep data secure and comply with regulations. Doing all this requires the data storage capabilities that were once exclusive to the enterprise. Small and medium organizations previously haven't had access to the solutions necessary to keep up. Until now. With Hitachi Vantara, any organization can get exactly that.



Simplify, Integrate and Modernize Your Infrastructure

In today's rapidly evolving business climate, continual organizational and financial change drives a need to quickly and simply find not only the best, but also the most affordable solution. Modern infrastructure should fit your need now, and also provide a confident foundation for what's next.

- Support multiple processes, apps and users across all corporate functions.
- Integrate data solutions from both Hitachi and other vendors, with ease.
- Optimize processes, resources and costs with AI-driven operations, analytics and automation.



Grow and Scale Affordably With a Flexible Consumption Model

Despite how useful they would be, large systems like this have not been available outside of the enterprise world because of one thing: cost. Storage vendors have served smaller organizations by compromising on scalability or by cutting features to bring down costs. Non-enterprise systems rarely had features such as distance replication or zero data-loss recovery. Yet today, you need the same ability to scale that enterprises do, and you can't afford to lose your data. There has to be a better solution for organizations without enterprise-sized budgets, and there is. EverFlex from Hitachi Vantara blends simple, financial flexibility and agility to support your business goals with transparent, predictable pricing and cloud-like consumption models.



Maintain Agility and Migrate Workloads With Virtualization

To maintain agility, your organization needs to be able to migrate workloads without disruption. Our solutions can aid live migration of running virtual machines between servers to achieve zero downtime, continuous service availability and complete transaction integrity. At the same time, you're likely dealing with multiple input sources for your storage area network (SAN). We can load balance across a SAN without creating performance issues on the storage. This can help limit your administrative overhead.

We know that IT budgets are slim and demands keep growing. Since our solutions can also virtualize external storage, we can help you extend the useful life of legacy storage systems and migrate data to and from external systems without disruption. You'll be able to control costs and smooth technology transitions. Finally, we know you need a solution that fits into your current environment. No organization, big or small, has time to manage a high-maintenance system. We provide the same enterprise features of our high-end systems in versions priced and packaged to fit the needs of organizations of all sizes.



Unlock Enterprise-Grade Capabilities With Active/Active Controllers

How is that possible? With recent advances in Intel multicore technology and PCIe extensions, we found ways to reduce costs on enterprise systems while still providing advanced enterprise functions. One of the ways we do this is through dual active/active controllers. Most storage arrays use two controllers to ensure availability, but end up routing all input and output (I/O) through a single controller at a time. In contrast, we consolidated our Hitachi Virtual Storage Platform (VSP) controller, cache memory and interconnects onto a cost-optimized, two-controller active/active architecture. We take advantage of Intel multicore processors with high-speed interconnects. The active/active configuration means I/O can use either controller. What does all that mean for you? It means the Hitachi VSP E series storage arrays provide cost-efficient, scaled down versions of our VSP enterprise-class storage arrays without any loss in enterprise functionality.



Rely on Industry Leadership for Innovation and Competitive Edge

Industry analysts continually rank Hitachi higher than the competition for resiliency, performance, storage efficiency and scalability of our data center offerings. Through our unified storage operating system, our platforms consolidate and organize workloads, views and data policies to more quickly make data available for innovation and everyday use. Plus, we've built in modern, hardworking technologies such as artificial intelligence and machine learning. You finally have the technology you need to take on your largest competitors. With our 100% data availability guarantee and enterprise capabilities built into every storage solution, your organization—no matter how small or large—has the power to disrupt and outpace the competition.

[Explore Hitachi Enterprise Storage Solutions](#)



We Are Hitachi Vantara

We guide our customers from what's now to what's next by solving their digital challenges. Working alongside each customer, we apply our unmatched industrial and digital capabilities to their data and applications to benefit both business and society.

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