

A Game Changer in Intelligent Enterprise Storage Solutions

The Enterprise Storage Platform with
the agility and speed you need now
and for whatever comes next.

EXECUTIVE BRIEF

Few would argue that insight – and therefore data – is now anything less than business-critical.

And when something is business critical, it needs a proactive approach. Data management demands more than just better storage – it needs the performance, the flexibility, and 100% availability to make sure the right data, is in the right place, at the right time. Every time.

How can your organization achieve this? With an all-new breed of enterprise storage platform. A fully integrated, intelligent, transformational data architecture – one without rival.

**Hitachi Virtual Storage
Platform 5000 series**





Hitachi Virtual Storage Platform – the foundation of tomorrow's enterprise data infrastructure

Simply the fastest, most flexible, scalable and reliable data platform in its class, Hitachi Vantara Virtual Storage Platform is the data architecture for any workload, any deployment, across any enterprise environment.

Helping overcome the most complex data challenges, it outperforms its highest profile rivals like Dell, PureStorage, NetApp, and IBM on every level.



In automation

Driving up to 70% reduction in storage management tasks, allowing enterprises to renew their focus on strategic activities like streamlining operations.



In availability

100% data availability guaranteed. 99.999999% availability vs 99.9999% from the next best rival architecture.**



In speed

The world's fastest storage array, only the Virtual Storage Platform 5000 can deliver 70µs latency and 21M IOPS* – equating to a 3x to 5x improvement.



In performance

1.4x faster than even its closest competitors.**



In scalability

The world's most scalable array. No other array can scale to 69PB internal and 279 PV virtualized.***



In future proofing

With the capability to rapidly scale up and out utilizing NVMe, SCM, NVMeOF, SAS, SSD.

The Virtual Storage Platform 5000 series is genuinely unique in its transformative potential. The de facto foundation upon which to build the digital enterprise – from the edge to the core to the cloud.

- **Accelerating** data delivery and business innovation.
- **Automating** manual processes by up to 70%.
- **Unlocking** incumbent resources and residual legacy value.
- **Consolidating** data siloes.
- **Deduping** mission-critical data without impacting performance.
- **Driving** up to 82% in capacity savings.
- **Increasing ROI.**
- **Delivering** greater peace of mind with application-aware data protection, DR, failover and 100% data availability guaranteed.

* Versus competitors based on IT Pro testing ** Per published competitor data
*** HV analysis compared with published competitive specifications



Simple Infrastructure Management

70%
manual process
automation

Latency as low as
70
microseconds

100%
data **availability**
guaranteed

Up to 7:1
total **efficiency**

51%
faster performance

**NVMe, SCM, NVMeOF,
SAS and SSD**

82%
capacity **saving**

Up to 4X
faster issue resolution
with advanced
AI and ML analytics

A storage first that delivers the last word in performance

The first storage architecture to integrate data analyzer, automator, administrator and protector in a single platform, Hitachi Virtual Storage Platform 5000 carries an array of enterprise benefits as a result:



Eradicating siloed technology stacks

Consolidate at an unprecedented rate to simplify and save.



Driving faster insight and analytics

Aggregating and consolidating to simplify data assimilation and usage and support actionable insights.



Reducing complexity while promoting growth

Simpler management and maintenance even when virtualizing third party storage.



Cutting storage and capacity costs

Multi-vendor, multi-tenant cloud connectivity with millions in hard dollar savings.



A high-performance platform for data mobility

The most solid storage foundations to ensure accelerated data migration, less management complexity, and optimum data center architecture moving forward.



Ops Center

A brand-new management solution featuring ML-and AI-enhanced analytics and automation.



Ensuring enhanced governance and compliance

Compatible with workloads of every variety – traditional, containerized, DevOps, AI, even mainframe – Hitachi VSP 5000 allows the data center to scale up its capacity and service levels, and therefore its underlying digital transformation, at the optimum pace for the enterprise.

Its hardware and software elements integrate perfectly with the existing data estate, teams, skillsets, and resources, it ensures simple management, and rapid, easy automation through its three core foundations.



SVOS RF

Simplified management and maintenance with a storage virtualization engine and Flash OS built on proven Hitachi resilience. Optimized for NVMe to deliver record breaking performance and availability.

Start your journey to a future-ready data storage architecture, a transformed data center, and game-changing outcomes.
Find out more at: <https://www.hitachivantara.com/en-us/products/storage/all-flash-hybrid-flash-storage/vsp-5000-series.html>



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.

Hitachi Vantara

Corporate Headquarters
2535 Augustine Drive
Santa Clara, CA 95054 USA
[hitachivantara.com](https://www.hitachivantara.com) | community.hitachivantara.com

Contact Information
USA: 1-800-446-0744
Global: 1-858-547-4526
[hitachivantara.com/contact](https://www.hitachivantara.com/contact)



HITACHI is a registered trademark of Hitachi, Ltd. VSP is a trademark or registered trademark of Hitachi Vantara LLC. Microsoft, Azure and Windows are trademarks or registered trademarks of Microsoft Corporation. All other trademarks, service marks and company names are properties of their respective owners.

Together, September 2020