

NVMe DATA STORAGE

Unprecedented performance for the most demanding missions

Today's storage arrays need to be agile enough to support cloud initiatives, containerized workloads and even utility consumption models that reduce upfront costs. Storage also needs to be supported by analytics and automation tools that simplify operations and free staff to focus on architecting solutions that drive the mission forward.

IOPs has been the traditional way to compare performance of storage arrays; however, the more important performance number is latency. The less latency a storage system has the more work it can do, delivering more data to more processors in less time. This means your applications run faster, do more work, and require less compute and networking resources which increases overall mission efficiency.





OUR SOLUTION

World's Most Powerful NVMe Platform

Hitachi Vantara Federal has a complete VSP line that has provided enterprise-class reliability and performance across the most critical missions for decades. Within that line is the VSP 5000, the world's most powerful NVMe platform. The **VSP 5000** is a major advancement for agencies that are looking to modernize their data center, realize full benefit of the latest technologies like NVMe to meet critical mission requirements across a wide range of workloads, and execute edge-to-core-to-multi cloud deployment models.

Benefits include:

- Workload diversity
- Legendary Resilience – an 8-9's self-protecting architecture (less than .3 seconds of downtime annually)
- AI/ML enabled automation and tiering so that data placement is dynamically optimized for performance and efficiency
- Investment Protection – future proof architecture for non-disruptive upgrades to SCM and NVMe-oF
- 100% Data Availability Guarantee
- 4:1 Effective Capacity Guarantee

The VSP 5000 series was designed for the mission critical datacenter with the speed, agility and flexibility needed to protect and drive the most demanding workloads.

THE NEW MARKET LEADER

The VSP 5000 series storage array delivers 21 million IOPs and latencies of 70 microseconds to the most critical missions, making it the new market leader among our competitors.

+ Best-in-class Performance

- World's fastest storage array
- 1.4x faster than leading competitors
- Most scalable array
- No impact deduplication

+ Best-in-class Resiliency

- 100x more available than competition
- Industry-leading 99.999999% availability (8 9's)
- Gartner CC #1 Rated for RAS YoY (VSP F/G1500)

Hitachi Vantara Federal delivers the industry benchmark for active-active metro clustering and application availability to ensure continuity. We've had over 30 years of delivering industry-leading Remote Support, AIOps, and analytics to predict and prevent costly downtime. The VSP 5000 adheres to today's storage arrays need because of its ability to consolidate open & virtualized systems, multi-cloud, containers, and mainframe workloads into a single holistic system view.

+ Best-in-class Efficiency

- Guaranteed to reduce storage costs
- Up to 60% more efficient data storage
- Average 40% reduction in storage TCO
- No impact deduplication

+ Lower TCO

- Up to 90% faster provisioning
- Up to 70% reduction in storage management costs
- Can save 2,000+ hours/month