

VSP One File

Here are the top 10 reasons why VSP One is the ideal solution for securing your data's future.

Transitioning from legacy Hitachi NAS to [VSP One File](#) within the [VSP One Platform](#) is more than just an upgrade—it's a strategic move toward a secure, resilient, and AI-ready infrastructure. VSP One File is a modernized Hitachi NAS solution designed to simplify operations, fortify security, and ensure long-term reliability. With flexible scale-up and scale-out capabilities, VSP One File provides a hybrid-cloud-ready platform for seamless management, monitoring, and configuration of file systems across your data estate. This unified, scalable ecosystem integrates effortlessly across enterprise environments, optimizing performance, compliance, and cost-efficiency. VSP One File enhances cyber resilience, adapts to evolving data needs, and ensures continuous availability. Together, VSP One File and the VSP One Platform lay the foundation for AI-driven innovation while safeguarding your data for long-term success.

- 1. Ensure Zero Downtime:** Seamlessly transition from legacy Hitachi NAS solutions to VSP One File with [expert services](#) that offer continuous uptime and minimal risk.
- 2. Simplify Management by 50%:** Cut setup time in half and centralize unstructured data management operations with a streamlined, intuitive interface. Securely manage and access your entire data infrastructure through a unified namespace.
- 3. Lower Costs, Reduce Rack Space by 82%, and Achieve up to 96% CO2 Emission Savings with Superior 4:1 Data Reduction:** [Minimize your data center's carbon footprint](#) and operational costs with high-density flash storage, FPGA-accelerated data reduction, and advanced energy-efficient technologies, driving both sustainability and long-term savings while meeting your environmental goals.
- 4. Accelerate Performance with up to 6x Faster Throughput:** Ensure your enterprise file workloads run at peak efficiency with an architecture designed for high-performance. Deliver consistent performance and flexibility to manage demanding applications and adapt seamlessly to support emerging use cases as your business evolves.
- 5. Boost Cyber Resilience:** Safeguard your critical business assets against ransomware and other cyber threats with powerful security features, including immutable snapshots, WORM support, and the highest levels of encryption. Integration with leading security solutions ensures your data remains resilient, maintaining integrity and business continuity.
- 6. Exceed Compliance Standards:** Meet and exceed regulatory requirements such as GDPR, HIPAA, and others through advanced RBAC, MFA, secure retention policies, and robust data protection features.
- 7. Maximize Business Continuity:** Protect all your unstructured data with VSP One File's powerful replication, active/active clustering, automated failover, and fast fallback capabilities, ensuring minimal to no data loss and maintaining business continuity during catastrophic disruptions.
- 8. Achieve 100% Data Availability and Efficiency:** Rely on Hitachi Vantara's [100% Data Availability Guarantee](#), [Modern Storage Assurance](#) for seamless upgrades, and [Effective Capacity Guarantee](#) to optimize storage efficiency.
- 9. Scale for the Future Growth:** Prepare for the future with scale-up and scale-out capabilities, allowing your infrastructure to expand effortlessly. Consolidate diverse enterprise file workloads from department and user shares, virtualization, and data protection to analytics, IoT, Big Data, and AI initiatives across hybrid cloud environments. Ensure your infrastructure evolves with your growing business needs and is primed for AI-driven innovation.
- 10. Protect Your Investment:** Secure your infrastructure for the future with seamless hardware and software upgrades that prevent costly disruptions, ensuring long-term value and adaptability to evolving data requirements.