Hitachi Vantara

Top 10 Reasons Why

Hitachi Vantara Virtual Storage Platform One Block High End

Innovation's most powerful data engine

Discover the top 10 ways VSP One Block High End empowers enterprise innovation — delivering blazing performance, scalable resilience and secure, sustainable data lifecycle management for AI-driven outcomes — without disruptive hardware upgrades.

1. **Break Performance Barriers for Mission-Critical Workloads — No Complexity, Just Speed**
Experience 50 million IOPS with low latency, blazing speed, seamless scalability and efficient compression — without added complexity.

2. **Unified OS Across Portfolio: Simplified Control, Intelligent Insights, Seamless Access Anywhere**
Streamline enterprise storage — centralized management, flexible deployment, intelligent observability and mobile-enabled control for faster decisions, simplified operation and seamless integration across hybrid environments.

3. **Built-In Security. Zero Trust. Total Compliance. Enterprise-Grade Confidence.**
Rely on end-to-end encryption, zero-trust architecture, automated compliance and system-level FIPS 140-3, which surpasses device-level encryption offered by competitors. You are assured seamless integration, simplified governance and enterprise-grade data protection beyond device-level security.

4. **Unmatched Availability Ensuring Enterprise-Grade Resilience With Zero Data Loss**
Experience enterprise-grade resilience with 99.999999% (eight 9s) uptime for a single array — higher than all competitors. Ensure maximum business continuity with active-active multi-data center replication.

5. **Guaranteed Efficiency. Predictable Costs. No Conditions. Just Results.**
Get our unique 4:1 Data Reduction Guarantee — no conditions attached. Achieve predictable CapEx, lower TCO and maximize data efficiency with confidence across enterprise workloads.

6. **Maximize Capacity. Minimize Costs. Smarter NVMe Storage Starts Here.**
Run operations with up to 60TB NVMe SSDs with adaptive data reduction — higher density than Dell, IBM and NetApp — while achieving guaranteeing data reduction, lowering costs and maximizing storage efficiency for enterprise scalability.

7. **Maximize Density. Minimize Footprint. Save on Data Center Space, Power, Cooling.**
Excel with 120TB/uRU — up to 869% more than IBM — outperforming Dell and NetApp to maximize rack efficiency, reduce power and cooling, and optimize enterprise-scale storage economics.

8. **Simplify Management With VSP 360 Automation Platform**
Centralizes fleet-wide data control, streamlines configuration workflows, and enables zero-touch installation — empowering IT teams to manage complex environments with speed, consistency and reduced operational overhead.

9. **Modern APIs. Flexible Control. Accelerated Integration and Deployment.**
Streamline integration and deployment with standards-based APIs and Linux-based AMC — replacing legacy SVP to simplify operations, reduce complexity and accelerate time to value across enterprise environments.

10. **Compliant Security for Confident Data Protection**
Meet stringent regulatory requirements and safeguard sensitive data with Root of Trust, STIG, TLS (CNSA), FIPS 140-3 Level 2 and Common Criteria certifications — ensuring enterprise-grade trust across mission-critical environments.

Learn more →

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