

Top 10 Reasons To Choose Hitachi Vantara for Microsoft SQL Server Infrastructure

Hitachi Vantara Virtual Storage Platform One (VSP One) powered integrated systems for Microsoft SQL Server deliver an easy-to-use, powerful and cost-efficient platform that accelerates deployment, simplifies administration and lowers TCO.

1. Simplified Operations

Eliminate complexity with VSP One unified management, a single console for managing Microsoft SQL Server storage across on-prem and hybrid environments. Policy-based automation with Hitachi Ops Center simplifies provisioning, replication and backup policies to reduce errors and increase productivity. AI-driven insights help optimize SQL database performance.

2. Integrated Ready-to-Deploy Full-Stack Solution

Hitachi Vantara provides integrated systems for SQL Server to create a pre-validated, pre-integrated infrastructure that optimizes your SQL Server operations. Delivered as a ready-to-deploy infrastructure, the full-stack solution minimizes setup effort and risk. Configurations are tested and optimized for SQL Server workloads, reducing risk of misconfiguration and performance bottlenecks.

3. Maximized Storage Efficiency

The industry's only 4:1 no questions asked Effective Capacity Guarantee and adaptive data reduction capability maximize efficiency and ensure VSP One Block meets expectations. Hitachi Thin Image Advanced software saves up to 90% or more disk space by storing only changed data blocks, and deduplicated and compressed snapshots.

4. Peak Performance and Low Latency

Accelerate data retrieval with ultra-low latency infrastructure for faster analysis and decision-making. VSP One solutions deliver ultra-fast response times, ensuring optimal SQL Server performance — 29% more transactions per minute than the nearest competition. Similarly, IOs run 28% faster, to maximize revenue potential and accelerate insights.

5. Large Scale for Growing Organizations

Hitachi Vantara has optimized solutions for SQL Server to allow independent server and storage scalability. The VSP One array seamlessly scales up as your database grows to power multiple SQL Server instances and supercharge business applications — without performance bottlenecks.

6. Industry-Leading Availability

Trusted by global enterprises and governments with mission-critical data, VSP One arrays ensure continuous SQL Server operations without downtime. Backed by our legendary 100% Data Availability Guarantee, VSP One Block systems have no single points of failure and multiple levels of redundancy.

7. Flexible Consumption

Businesses benefit from EverFlex from Hitachi, which offers a flexible, consumption-based model that helps optimize and scale SQL Server infrastructure with on-demand storage, compute and data management services. EverFlex helps reduce upfront investments, improve performance and ensure resilience.

8. Ironclad Security and Compliance

VSP One enterprise-grade security and compliance features protect SQL Server environments from cyber threats, data breaches and regulatory risks. Immutable snapshots prevent unauthorized changes to SQL Server backups and ensure recovery from ransomware attacks or accidental deletions. Automated data retention and archival use policies for compliance and secure multitenancy.

9. Enterprise Outcomes at a Midmarket Price

Integrated Hitachi solutions for SQL Server, powered by VSP One, deliver enterprise-level performance and reliability tailored to midmarket budgets. With a 4:1 Data Reduction Guarantee, VSP One optimizes storage efficiency: Midsized businesses can scale without compromising performance.

10. Decarbonized IT for a Greener Future

Hitachi Vantara delivers the most energy-efficient storage arrays that yield the highest IOPS per kilowatt hour (KWH) power consumption, leading to a sustainable, energy-efficient Microsoft SQL environment. We're the only storage provider certified by ENERGY STAR (placing first and second in a recent assessment) and receiving third-party verification of Carbon Footprint of Product (CFP) under Japan's SuMPO Environmental Product Declaration (EPD) program. Hitachi infrastructure solutions for SQL Server support ESG policies as they consume less energy and emit less carbon.