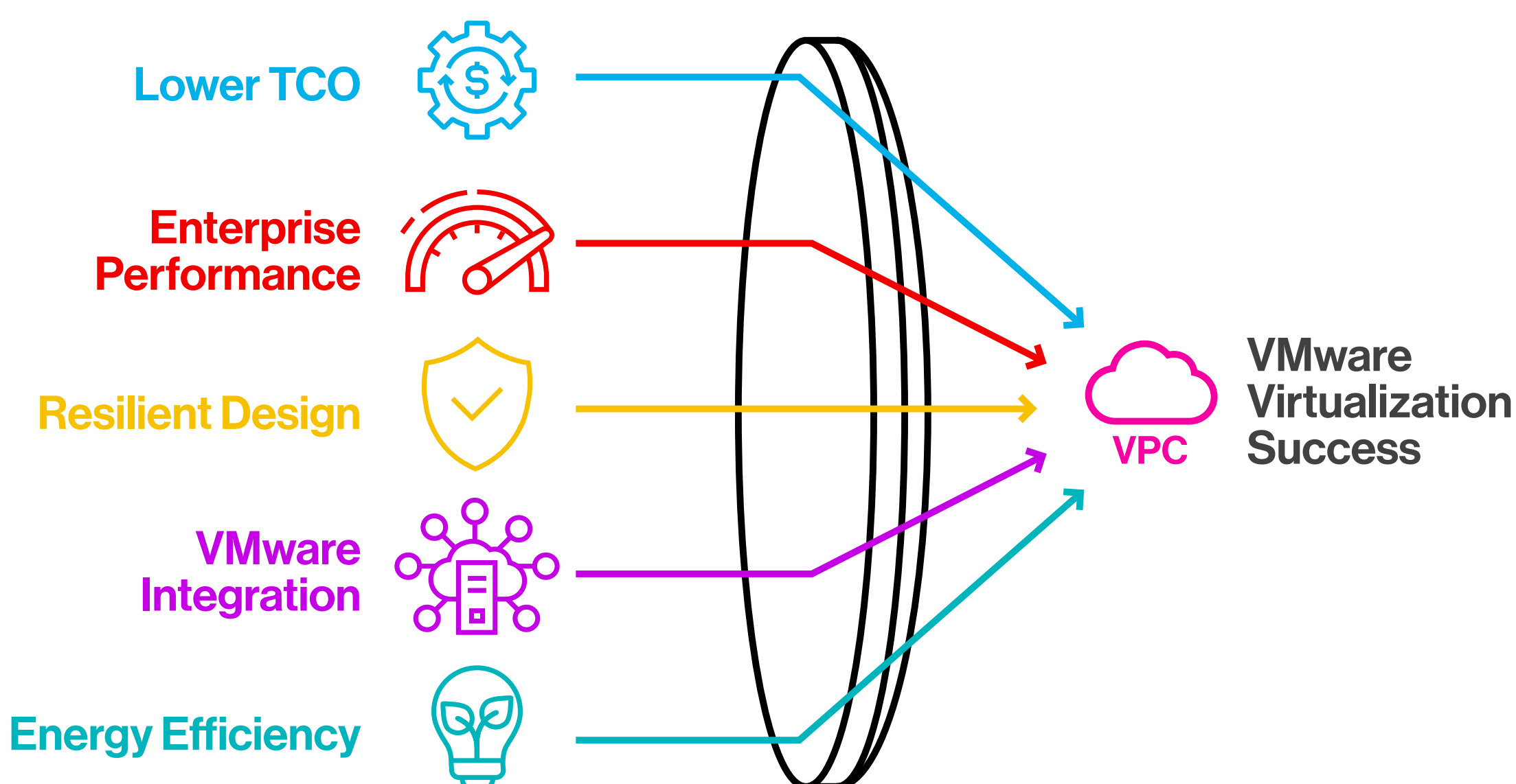


eBook

Top 5 Reasons To Choose Hitachi Storage for VMware Virtualization Success



Pathways to Virtualization Excellence



As enterprises optimize their VMware environments to support hybrid cloud, AI and next-gen workloads, storage infrastructure must deliver more than just capacity: **It must be intelligent, efficient and resilient.**

Hitachi Vantara Virtual Storage Platform One Block (VSP One Block) storage platforms are built to meet these demands, combining industry-leading performance, resilience, deep VMware integration and AI-driven automation to simplify management and accelerate innovation. This eBook reveals the top 5 reasons why global enterprises choose Hitachi high-end and midrange storage to power their virtualized infrastructure — optimizing cost, sustainability and scalability in a data-driven world.

Reason 1

Lower TCO With Superior Data Reduction

VSP One storage arrays and Hitachi Integrated Systems deliver storage efficiency with high-efficiency data reduction, deduplication and compression. Combined with AI-driven automation and policy-based management, these capabilities help you reduce storage costs and eliminate manual tasks — freeing your IT teams to focus on innovation.

“We looked at proposals from several leading vendors. Ultimately, we decided to go with Hitachi because the solution represented superb value for money. The Hitachi solution has enabled us to cut costs by over two thirds and deliver strong security and control at the price of public cloud storage services.”

Daniel Eckerstorfer, System Engineer, GRZ IT Center

Reason 2

Enterprise-Grade Performance at Any Scale

With industry-leading latency under 70 microseconds and scalable all-NVMe architecture, VSP and VSP One ensure ultra-fast, predictable performance for VMware workloads. Performance is assured from a few VMs or containers to thousands, including AI, cloud-native and mission-critical applications.

“We can generate new insights with much shorter turnaround times. In the past, it could take days or even weeks until we got the results, which slowed down our research dramatically. We have used the Hitachi Vantara converged infrastructure solution to analyze and assemble complete SARS-Cov-2 genome sequences. This research will be published to contribute to the global effort of scientists and medical staff to combat the COVID-19 pandemic more effectively.”

Fredrik Boulund, Head of Bioinformatics,
Centre for Translational Microbiome Research, Karolinska Institutet



Reason 3

3. Resilient by Design, With 100% Data Availability Guarantee

Legendary Hitachi reliability comes with our 100% Data Availability Guarantee. VSPs deliver advanced local and remote replication, stretched clusters and multisite resilience — ideal for business continuity and disaster recovery in VMware environments. In addition, Hitachi Thin Image Advanced Safe Snap, our immutable snapshot technology found in our latest VSP One Block family of storage systems, enhances cyber resiliency with tight integration with leading ransomware protection and recovery solutions.

“With the Hitachi active-active cluster, failover is automated and decreased by over 95%, now taking just several minutes to put our virtualized systems into production again. This means that we can recover from unexpected system downtime extremely quickly and simply continue running as normal, minimizing impact on TASE operations. Continuous availability, even in the event of a disaster, means that we can operate 24 hours a day, 365 days a year. Thanks to the active-active setup, we can guarantee around-the-clock services, safe in the knowledge that the virtualized environments and corresponding business data will be available, even in the event of catastrophe.”

Eldad Herstig, Senior Vice President,
CIO and Head of Operations, IT and Operations Department, Tel Aviv Stock Exchange



Reason 4

End-to-End VMware Ecosystem Integration

Deep integration with VMware Cloud Foundation, vSphere, vCenter, VCF Automation and VCF Operations software suite ensures seamless provisioning, orchestration and visibility. Native plug-ins and API integration accelerate deployment and reduce complexity. VSP One storage supports both VM and container workloads on a single platform, enabling hybrid cloud and modern DevOps workflows.

“The highly integrated solution was deployed quickly with full support from Hitachi. It has helped us to reduce operational risk and strengthen our disaster recovery processes.”

Urs Lüchinger, Head of IT Infrastructure Backend, SFS Group



Reason 5

Maximize Virtualized Energy Efficiency

VSP One delivers the highest IOPS per watt in its class, optimizing VMware virtualization workloads for both performance and sustainability. With advanced power management and intelligent automation, VSP One helps organizations cut CO₂ emissions and reduce power consumption per VM. This ability makes it the ideal storage foundation for green data centers and ESG-driven IT strategies.

“Saving energy doesn’t just save costs, it also helps us move towards carbon neutrality, which is a big part of our Environmental, Social and Governance goals. We don’t choose Hitachi automatically — we always evaluate other vendors’ solutions, too. But the level of support and reliability we get from Hitachi is second to none. For example, we recently decommissioned an older Hitachi array which had reached end-of-support. It had been running continuously for 12 years with 100% uptime and no issues at all. That’s a level of quality we can trust.”

Vadiraj Adiga, Associate Vice President, Enterprise Platform Management, Infosys

Hitachi Delivers on All Fronts

For CIOs, enterprise architects and storage practitioners, success with VMware virtualization requires a storage foundation that's intelligent, resilient and scalable. With VSP One, Hitachi delivers on all fronts — with enterprise-grade performance, AI-driven automation and deep VMware integration. Whether optimizing data center efficiency or future-proofing hybrid cloud strategies, Hitachi offers the reliability and innovation needed to drive long-term IT transformation.



Learn more →

Hitachi Vantara

About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi Ltd., we're the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.

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