

# Modernize Your Private Cloud With Hitachi Virtual Storage Platform One and Red Hat® OpenStack® Platform

**Modernizing your private cloud with Hitachi Virtual Storage Platform One (VSP One) and Red Hat OpenStack Platform delivers performance, resilience and openness, without the cost, complexity or vendor lock-in.**

**1. Enterprise Performance for Mission-Critical Workloads**

Run multitenant virtualization clouds, databases, ERP and line-of-business applications with predictable, high performance backed by Hitachi: Our proven VSP One storage architecture scales up to 50M IOPS.

**2. Built for Resilience and Always-On Operations**

Leverage enterprise-grade availability, multisite stretched cluster and nondisruptive operations to keep critical services running without compromise, all powered by VSP One. Industry-leading **eight nines (99.999999%) availability** delivers mission-critical workloads with exceptional resilience and uptime.

**3. Open, Future-Proof Private Cloud Platform for Service Providers**

Avoid vendor lock-in with the flexibility of OpenStack Platform's open architecture and VSP resource group partitioning. Regional and service cloud providers can evolve infrastructure to provide tenant-based private cloud platforms.

**4. Lower TCO Versus Legacy Virtualization Stacks**

Reduce licensing and infrastructure costs while maintaining enterprise capabilities, an ideal approach for VMware exit or cost-optimization initiatives.

**5. Simplified Operations at Scale**

Automate provisioning, lifecycle management and storage operations with deep integration between VSP One, OpenStack Cinder driver for VSP One and Red Hat Ansible® Automation Platform, reducing operational overhead.

**6. Storage Offload That Frees Up Compute**

Offload advanced storage services, snapshots, clone, data protection and volume migration to VSP One, accelerating migration off VMware virtualization by 10X and improving performance and efficiency across the data centers.

**7. Consistent Foundation for Hybrid Cloud**

Create a stable on-premises cloud platform that integrates seamlessly with public cloud services for hybrid and multicloud strategies.

**8. Modernize Without Disruption**

Transition from legacy virtualization to a modern private cloud while protecting existing investments and minimizing risk during migration.

**9. Secure by Design**

Meet stringent regulatory and governance requirements with enterprise security features, role-based access control and compliance-ready architectures. Red Hat OpenStack Services on OpenShift® maintains a clear separation between the containerized control plane and the high-performance compute/data plane, enhancing security and operational flexibility.

**10. Proven Enterprise Partnership**

Benefit from a validated, jointly engineered solution backed by Hitachi Vantara and Red Hat, trusted by enterprises and government agencies, worldwide.

**Modernize your private cloud**

**Learn more →**