Solution Profile

Virtualization Alternatives Simplified

Hitachi Vantara integrated systems and VSP One storage along with modern virtualization platforms offer scalable, cost-effective alternatives to traditional virtualization

Cost Control

Reduce reliance on expensive virtualization platform and align IT with business needs.

Flexibility

Achieve best SLAs with deployment flexibility and hybrid cloud freedom across on-premises and public clouds.

Simplicity

Deeply integrate Red Hat, Microsoft Azure and Google for a seamless experience on day 0-2.

Modernize your virtualization platform, eliminate licensing uncertainty and lower the cost of ownership with Hitachi Vantara. Our optimized and integrated and storage solutions deliver proven alternatives to legacy virtualization.

Many enterprises are discovering that legacy virtualization platforms no longer meet the evolving needs of modern IT infrastructure. Rigid licensing models, operational complexity, and limited integration with cloud-native technologies tend to limit the innovation and lead to higher costs of doing business.

As businesses embrace hybrid and multicloud, legacy virtualization platforms can become a bottleneck to growth. The forced move away from perpetual licensing, combined with enforced bundling of platform components, leads to sharp rise in the costs of infrastructure software licensing.

Lower licensing costs

Avoid rising licensing fees and pay for only those tools that you need.

Enhance cloud integration

Achieve best workload SLAs with hybrid and multicloud deployments.

Future-proof infrastructure

Adopt innovative open-source platform with community support.

Simplified licensing and operations

Streamline management with predictable pricing models.

Alternatives to Legacy Virtualization

Modern infrastructure strategies prioritize automation, scalability, and flexibility — qualities that are better supported by next-generation virtualization and container-native platforms. Transitioning away from traditional virtualization enables organizations to simplify operations, adopt DevOps practices more effectively and leverage modern orchestration tools. It also allows for tighter integration with cloud services and improved performance across environments.

By embracing more agile and cost-effective alternatives, enterprises can future-proof their environments, enhance security posture and accelerate digital transformation efforts without being constrained by outdated virtualization paradigms. Strategic shifts include adoption of open-source hypervisors, flexible infrastructure and container-native platforms to modernize data centers and reduce vendor dependency. These alternatives support hybrid and multicloud strategies while enabling IT teams to optimize performance, maintain control and accelerate digital transformation initiatives on their own terms.

Whether through public cloud integration, on-prem alternatives or hybrid architectures, the focus is now on platforms that offer operational simplicity, transparent pricing and a clear innovation road map.

Key considerations for enterprises developing an alternative virtualization strategy:

- **Licensing costs:** another hypervisor, container or bare metal as alternative to legacy virtualization as each option has its pros and cons.
- **Operational complexity:** ease of migration off legacy hypervisor to modern platform.
- **Skills and expertise:** availability of skilled teams to operate new eco-system.
- **Cloud strategy:** data sovereignty and cloud/on-prem balance may determine best fit.

Partnering with Hitachi Vantara helps enterprises, governments and service providers reduce dependency on costly, proprietary platforms and embrace a more flexible, future-ready IT infrastructure. Hitachi Integrated Systems and Virtual Storage Platform One (VSP One) storage, when combined with platforms such as Red Hat OpenShift, Microsoft Azure or Google Distributed Cloud, provide a powerful and flexible alternative to traditiona virtualization solutions.

This integrated stack supports both virtual machines and containerized workloads, enabling seamless deployment across on-premises, hybrid and multicloud environments. With enterprise-grade performance, data protection and automation from Hitachi, along with the scalability of OpenShift and leading public cloud platforms, organizations gain a future-proof solution that reduces reliance on legacy hypervisors while accelerating digital transformation.
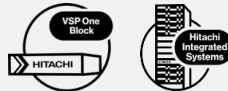

Reliable Private and Hybrid Cloud Infrastructure

Modern Virtualization

Enterprise Infrastructure

✓ Simplified licensing
✓ Easier cloud integration
✓ Faster innovation

✓ Industry-leading scale
✓ 100% data availability
✓ Unified management

Solutions With Red Hat

If you are looking to reduce the exposure to licensing uncertainty from legacy virtualization platforms, Hitachi Vantara offers a powerful alternative with its integrated infrastructure and storage systems combined with Red Hat OpenShift Virtualization. This solution delivers a modern, cost-effective virtualization platform that eliminates licensing uncertainty while providing enterprise-grade performance, resilience and scalability.
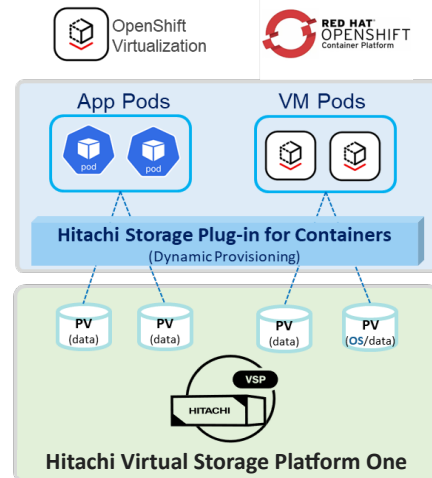
By leveraging Red Hat open-source innovation and proven Hitachi storage technology, you can simplify operations, accelerate application modernization and seamlessly integrate with hybrid and multicloud environments. You'll empower IT teams with greater flexibility, control and a clear path to future-ready infrastructure.
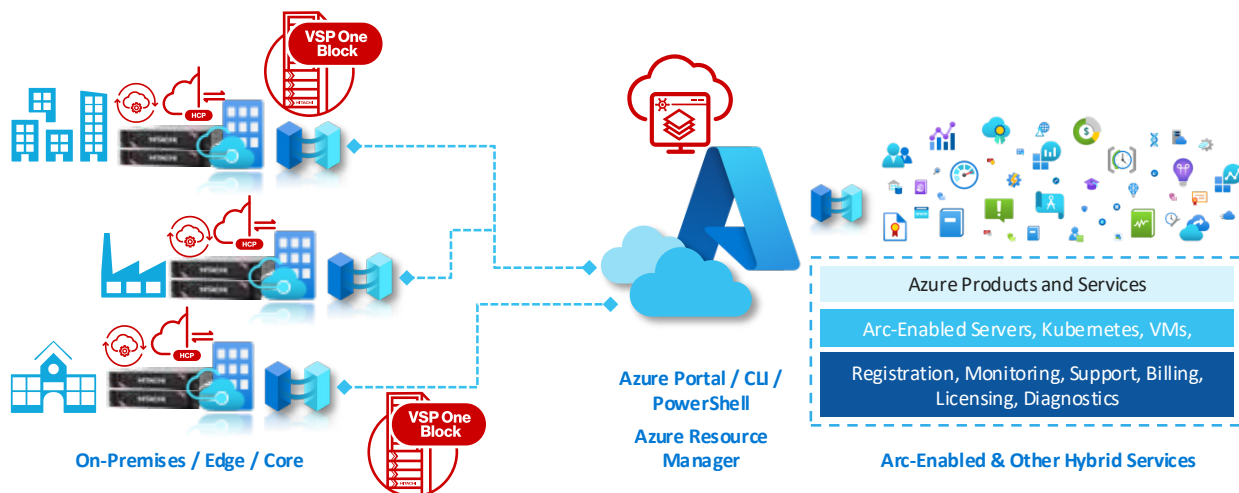
Solutions With Microsoft Azure

Hitachi Vantara integrated systems and VSP One storage paired with Microsoft Azure and Hyper-V provide a seamless, scalable and cost-efficient virtualization alternative. This solution combines robust Hitachi storage performance and reliability with the flexibility of Azure cloud services and Hyper-V native virtualization capabilities. It allows you to simplify management, reduce licensing costs and enhance hybrid cloud integration.

By adopting this modern platform, you gain improved agility, enhanced security and a streamlined path to digital transformation. You empower IT teams to optimize workloads and innovate with confidence.

Hitachi Vantara Solutions for Red Hat OpenShift Virtualization

Hitachi Vantara Solutions for Microsoft Azure

Empower Virtualization Migration With Hitachi Vantara

- Flexibility and choice of virtualization platform on proven Hitachi storage that helps meet business goals.
- No platform lock-in with choice of virtualization and containers in combination with Hitachi Vantara VSP One storage.
- Unparalleled scale for your virtualized or containerized deployment, powered by our industry-leading VSP arrays, scaling up to 69PB capacity and 33M IOPS.
- Consistent high performance with microsecond latencies.
- Maximize revenue opportunities with 100% data availability.
- Operational control with a unified management for day 0-N operations.
- Energy-saving infrastructure with our top-performing VSP One arrays per ENERGY START ratings.

Please visit here to learn why businesses choose Hitachi Vantara to accelerate innovation, future-proof their infrastructure and confidently transition to a flexible software-defined infrastructure.

Let us help you modernize your cloud infrastructure.

Learn more →

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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