VMware + Hitachi

Why VMware Tanzu is a Game Changer for Hybrid Cloud

Hybrid Cloud Top Priorities for Your Business.

When it comes to hybrid cloud, you're looking for services + simplicity. This means having faster application services by converging your on-premise, service provider, and hyperscaler cloud resources-all working seamlessly and efficiently.

Whether you have application development or cloud management issues, all organizations face the challenge of achieving operational efficiency and delivering self-service resources for their developers, business teams, and customers. Timely access to these resources is necessary to build, retrofit and optimize the business and accelerate new application services.

A key aspect of hybrid cloud is ensuring newer, modern cloud-native developed application services can be managed and integrated concurrently with existing application services and enterprise data repositories. Those systems of record databases in organizations, primarily hosted in VMs, are not going away.

Hybrid Cloud

Data Center Extension

Extend to use cloud resources

Modern Applications

Build and deploy application services across clouds

Service Extension

Extend to use a cloud service

An Integrated Approach for Hybrid Cloud.

The goal of hybrid cloud is to optimize and orchestrate the use of diverse resources to support a wide range of workloads and application types to meet your desired outcomes most efficiently.

There's no shortage of destination cloud choices for application enablement for your modern apps, cloud-native, container form factor delivered application services. What's needed is an integrated approach for you to develop, manage, run, and operate all your workloads and apps—from essential legacy to cloud-native workloads and applications. Integration reduces complexity, improves operational efficiency, grows your business value, and delivers new revenue-generating services for your customers.

That's why VMware's Tanzu is deeply integrated with Hitachi Vantara's Hybrid Cloud portfolio, featuring Hitachi Unified Compute Platform (UCP). This cohesive solution allows you to utilize your data center(s), co-location/service providers, and cloud resources to provide a robust platform of services for your operators, administrators, and developers.

VMware Tanzu with Hitachi Vantara UCP.

VMware Tanzu is rapidly gaining market momentum. Global enterprises and developers are leveraging Tanzu's Kubernetes capabilities to build modern applications faster than ever before.

Tanzu, with Hitachi Vantara's UCP-powered hybrid compute and storage, provides a stable and consistent operations platform that lets you use familiar tools and processes that have successfully served current VM-based environments. These tools and processes enable self-service for developers to provision Kubernetes clusters, connect and secure application services across multiclouds and provide operational performance advantages with observability and automation. At the same time, both developers and platform operators benefit by using the same platform for containerized and VM applications that run across all clouds.

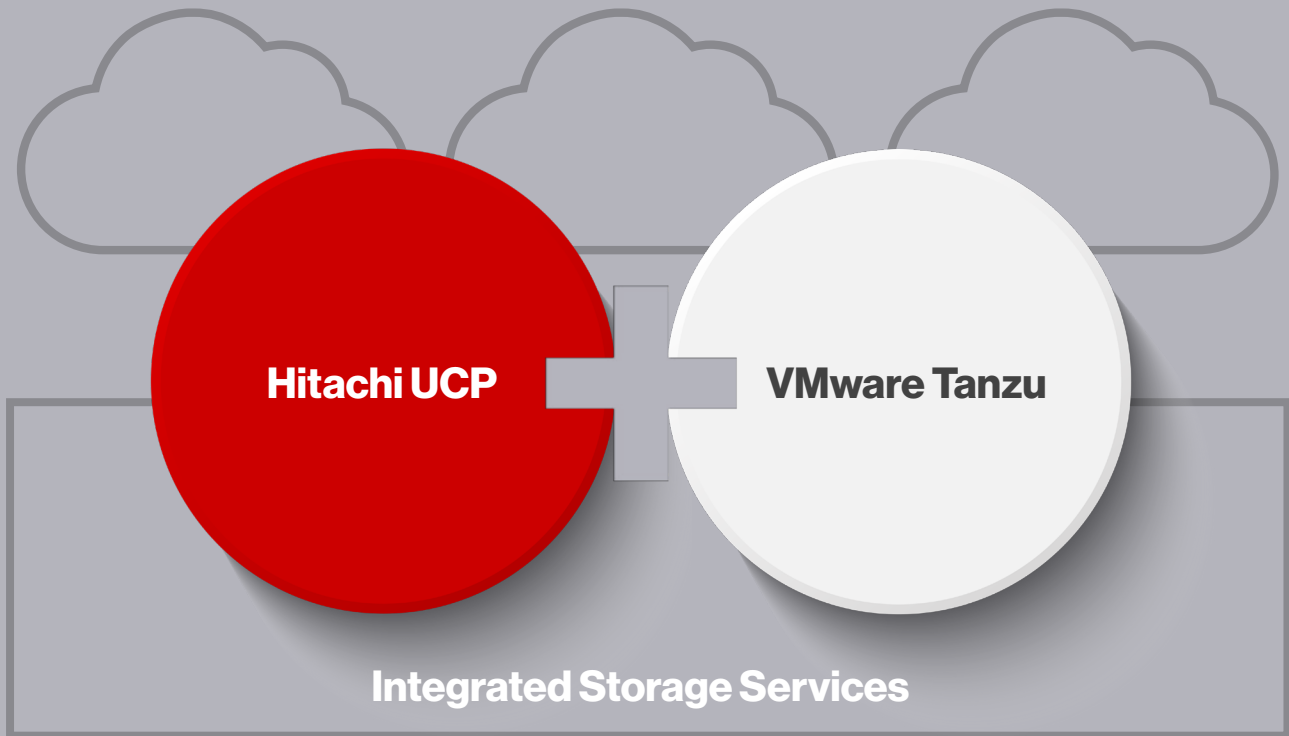## Tanzu for Kubernetes Operators Offers:

Enterprise-ready
Kubernetes
Runtime

Multicloud
Kubernetes
Management

Full-stack
Enterprise
Observability

Integrated Load
Balancing and
Ingress

End-to-end
Connectivity and
Security

Familiar vSphere
to Take Fast
Advantage of
Kubernetes and
Scale to VMware
Cloud
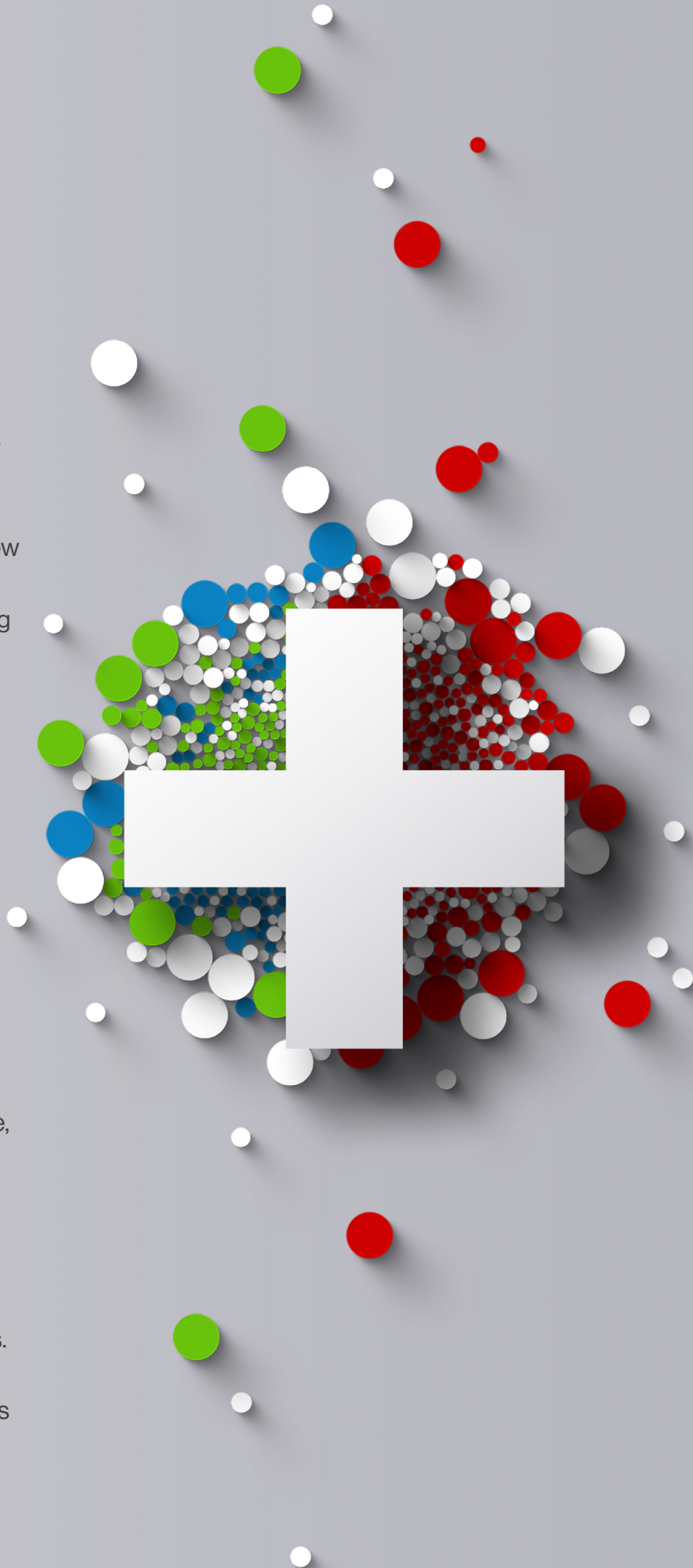
Get More Out of Hybrid with VMware Tanzu.

VMware Tanzu enables you to run Kubernetes in vSphere and manage Kubernetes across multiple clouds, whether public or private, while allowing you to automate the delivery of containerized workloads.

That said, a software-defined, hardware-enabled application infrastructure across multiclouds is only as good as the equipment it runs on. To support a multicloud environment, solid reliability and the quality of the data services it can expose to the applications is paramount. Thus, the seventh item we can add to the list above is the tight integration between Hitachi UCP, VMware Tanzu, and integrated storage data services across block and object.

VMware Tanzu + Hitachi

Hitachi brings robust hardware and software to operationalize and perform lifecycle management. In addition, Hitachi Kubernetes plugins and data storage integrations ensure those application services can store and access the data that will be the lifeblood of new applications. This is a powerful foundation to build on. Wait until we share what we are doing for modern apps with an artificial intelligence, machine learning (AI/ML) component. Also, watch for our updates on data centers and service extensions as part of our hybrid cloud portfolio.

Remember, Tanzu on UCP means it's integrated with the VMware stack, consumes vSAN and Hitachi storage, is automated and makes the infrastructure cloud-ready. This enables progressive organizations to offer a landing zone for developers that meets their autonomy needs while ensuring existing approved governance, compliance, and security needs can be leveraged to get VM + container enabling services to market efficiently. It automates away much of the complexity for all your developers, providing a consistent, reliable experience for your VMs and your containers. With integration in place today, your future data storage and application design decisions are less complex. Hybrid cloud aspirations can now be a reality.

The Power of +

For over twenty years, Hitachi Vantara and VMware have partnered to build enterprise-class, software-defined infrastructure solutions to meet your current and future IT needs. These pre-engineered, certified solutions become the core platform for a unified, hybrid cloud environment and enable faster innovation, simplified management, lower costs, reduced complexity, and less risk.

With Hitachi's deep integration across the entire VMWare's ecosystem, you have the competitive edge of efficiently managing and mobilizing data infrastructure across data centers and multicloud environments. This means managing consistent service levels with simplicity. Resilience + Solid Reliability. Getting high availability and elasticity for workloads even in demanding environments – that's the power of VMware with Hitachi. That's your power of +.

Hitachi + VMware

20+ year
Partnership

WE ARE HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit hitachivantara.com.

Learn More about Hitachi and VMware integrated solutions →

Hitachi Vantara

Corporate Headquarters
2535 Augustine Drive
Santa Clara, CA 95054 USA
hitachivantara.com | community.hitachivantara.com

Contact Information
USA: 1-800-446-0744
Global: 1-858-547-4526
hitachivantara.com/contact