Accelerate Innovation With Integrated Software-Defined Data Center Cloud Infrastructure

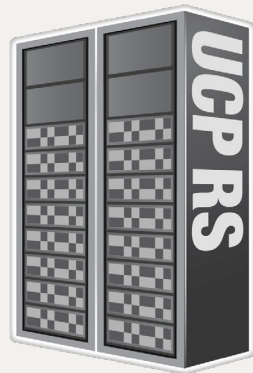## Fast-Track Time to Market and Simplify IT Management

SOLUTION PROFILE

Digital startups are pushing businesses to accelerate the pace of innovation, which requires transformation in underlying data center technologies. Pressure to improve productivity, to maximize business efficiency, is real. IT service teams are expected to be lean, which highlights the need for automation in managing technology assets. Ever-growing threats of cyber invasion and risk of data privacy compromise are pushing organizations to enhance IT security to prevent data breaches.

UCP RS

Data Center Complexity Prevents Growth and Innovation for Businesses

The rack-scale Hitachi Unified Compute Platform RS (UCP RS), powered by VMware Cloud Foundation, delivers a turnkey, integrated, hybrid-cloud solution for enterprises and cloud providers. UCP RS supports faster time to production, while reducing total cost of ownership (TCO) and improving security. It accelerates the time to market with a natively integrated software-defined stack that comes prepackaged with management software to automate day 0-2 operations with policies.

Hitachi Unified Compute Platform RS provides an enterprise cloud foundation for high performance and operational simplicity.

Scalable, Simple and Secure Hybrid Cloud Platform

Hitachi's UCP RS delivers an integrated software-defined data center (SDDC) that accelerates digital transformation of modern enterprises by improving business agility and simplifying operations.

It enables administrators to quickly embrace hybrid cloud for faster time to market and pay-as-you-go economics, while hardening the security against data breaches. Organizations have the flexibility to optimize their IT services by leveraging private and public cloud as an extension to their business.

UCP RS reduces the complexity of deploying and managing legacy IT by natively integrating software-defined compute, storage and networking for turnkey delivery of an end-to-end modern data center. Unified management software uniquely automates the provisioning, configuration, managing and monitoring of the entire SDDC stack.

Fastest Way to a Software-Defined Data Center for Your Enterprise Applications

Multicloud Strategy To Hedge Against Vendor Lock-in

Run your applications from your own on-premises private cloud or one of many public clouds, depending on workload requirements and economics. Manage and monitor your apps from the same toolset and processes, regardless of where the app is running, saving money, time and training.

Maintain the flexibility to migrate across cloud, based on economic or security requirements.

Improve Operational Efficiency

Minimize overprovisioning and improve efficiency with policy-based resource management. Scale workload domains up or down per business requirements. Start as small as four nodes and scale up to 256 nodes, across multiple racks, to host all your enterprise apps.

Lower initial acquisition costs and reduce operational expenses: Automated management reduces processes to operate your data center.

- Improve business agility.
- Automate your way to operational simplicity.
- Enhance IT security to avoid security breaches.
- Accelerate journey to hybrid cloud.

Easy Management With IT Automation

Automate the onboarding, provisioning and day-2 life-cycle management with SDDC manager and Hitachi Unified Compute Platform Advisor (UCP Advisor). Automate the provisioning of virtual data centers with policies, to be consumed in multitenancy scenarios.

Enhance deployment speed and reduce risk with automation.

Harden IT Security

Natively integrated NSX microsegmentation helps improve IT security against intrusions by enforcing IT security policies at the granular, virtual machine (VM) level. Microsegmentation isolates networks for secure multitenancy.

Application-centric security prevents the spread of threats.

Accelerate Time to Market

Bring up your pre-integrated SDDC environment in a few hours, instead of weeks. The unparalleled automation it brings to hardware and software components means faster time to production.

Work with business teams to deliver new revenue opportunities and unleash your company's full potential.

Enterprise Scalability

Deploy all your apps on an enterprise IT foundation that scales up to 256 nodes across eight racks.

Single SDDC stack serves all your IT requirements and is easy to manage and operate.

Choose a Turnkey, Fully Integrated and Pretested SDDC Hybrid Cloud Infrastructure

While modernizing the data center, you can maximize existing IT investments with the flexibility to use external Hitachi Virtual Storage Platform (VSP) family systems on Hitachi Unified Compute Platform RS.

As a unified platform for virtual servers, desktops and containerized applications, UCP RS scales to serve all your IT infrastructure needs. And you can lower the cost of your virtual desktop infrastructure (VDI) with optimized licensing for VMware Horizon desktops along with Hitachi UCP RS.

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The solution improves productivity, delivers faster time to business value and accelerates the customer's ability to realize the true power of their data.

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John Gilmartin
Vice President and General Manager
Integrated Systems
VMware

Next Steps

Hitachi Unified Compute Platform RS provides the foundation for your integrated SDDC. It brings to an end your search for a scalable, simple and secure enterprise-grade cloud infrastructure.

Drive up return on investment (ROI) with UCP RS. Simplify your data center, while improving security against IT vulnerabilities.

Review our checklist to determine the best choice for your hybrid-cloud operations.

See how UCP RS simplifies hybrid cloud for improved business agility. Download the best practices guide.

Reduce the pain of managing IT with automation.

Improve business agility with SDDC cloud stack.

Streamline operations with Hitachi Vantara's widely recognized one-stop support for your entire data center.

Learn how to unleash the power of a modern, rack-scale, hyperconverged system: Hitachi's UCP RS.

Hitachi Vantara at a Glance
Your data is the key to new revenue, better customer experiences and lower costs. With technology and expertise, Hitachi Vantara drives data to meaningful outcomes.

Hitachi Vantara

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