

10 Questions To Ask If You Are Upgrading Your Data Center Infrastructure

Tip: Answers Included

EBOOK

hitachivantara.com

Table of Contents

- 03** Introduction
- 04** Will my data infrastructure adapt to my business needs?
- 05** Will I have to worry about integration and testing resources before putting systems in production?
- 06** Can I reduce my technology spend while delivering on business objectives?
- 07** Will new infrastructure help me reduce our carbon footprint and meet sustainability goals?
- 08** Can I trust the vendor with my ambitious technology transformation project?
- 09** Can I get cloud-consistent experience without sacrificing agility or scale?
- 10** What about business-sensitive applications that need extremely low latencies and high bandwidth?
- 11** How do I automate more mundane tasks and manage my infrastructure with a smaller team?
- 12** I just cannot afford downtime. Is there a solution?
- 13** Can I get away from the vendor finger pointing? I like a one-stop approach for simplicity.

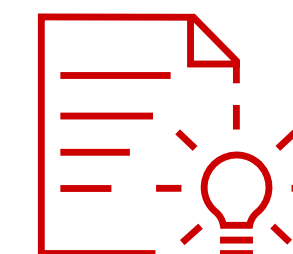
Introduction

Technology leaders are challenged with balancing the costs incurred in public cloud services with the agility and flexibility provided by a cloud operating model.

Many businesses prefer a hybrid approach: that is, a combination of on-premises infrastructure and hyperscalers to get the best of all clouds.

Legacy data center infrastructure, designed for linear growth, compartmentalized business functions, which has led to inefficiency, complexity, and disruptions. Transforming captive technology infrastructure requires an integrated solution that bridges the cloud divide, delivers scale for future growth, automates operations, and ensures continuous business availability.

Thousands of customers globally trust the Hitachi Unified Compute Platform CI (UCP CI) family of integrated cloud infrastructure and application-optimized solutions to power innovations and maximize business revenues. Key business and technical benefits of embracing UCP CI can be summed up as **FIRST CLASS**.



FIRST CLASS

- **Flexible** infrastructure for private or hybrid cloud.
- **Integrated** and validated solution.
- **Reduced** TCO. Redeploy saved capital in strategic initiatives.
- **Sustainable**. Not just a slogan!
- **Trusted** partner for cloud transformation. Hitachi has been there, done that!
- **Cloud** operating model anywhere. Be cloud-smart, **not** cloud locked!
- **Low-latency** infrastructure for better customer experiences and revenue maximization.
- **Automation** that's unlimited to keep productivity high.
- **Service** availability that keeps you going!
- **Single** point of contact for the full-stack infrastructure.

1

Will my data infrastructure adapt to my business needs?

Never again will your applications have to be pigeonholed in one type of infrastructure or the other.

With UCP CI, you have the flexibility to design the right-sized solution with either one type or a combination of bare-metal, traditional virtual machines (VMs), or modern Kubernetes services with VMware Tanzu and Red Hat OpenShift Container Platform. Modernizing legacy systems with UCP CI also means the ability to leverage Google Anthos framework for a true multicloud solution. Build your technology foundation with either external storage, hyperconverged infrastructure, or integrated VMware Cloud Foundation, without being locked into a singular storage architecture.

Want more? Get this world-class solution via CapEx, as-a-service, or consumption-based payment options. It's "Lego-block" flexibility!

[Learn More](#)

"Thanks to the flexibility of the UCP solution, we can deliver exactly what our clients want, increase satisfaction, and keep ahead of the competition."

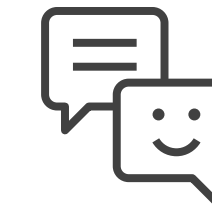
Dannie Havgaard

Sales Manager for Managed Services, intelligence Nordic

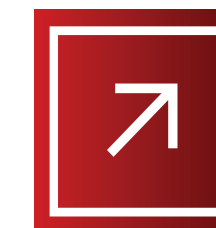
2

Will I have to worry about integration and testing resources before putting systems in production?

Modern technologies do not have to break the bank. Continuous innovations to drive down the costs of acquisition and Day 2 operations help you achieve high ROI on IT investments. Software-defined approaches significantly reduce the tech overlay and management complexity needed to refresh and operate the cloud infrastructure.

**ANONYMOUS PEER REVIEW**

AVP - Enterprise Infrastructure, from retail vertical



“The hardware has been very reliable, and the amount of support required to keep the hardware stack running has [been] reduced considerably. We have had a very good success with the Hitachi UCP implementation.”

3

Can I reduce my technology spend while delivering on business objectives?

The enterprise-proven, integrated UCP CI solution brings together best-in-industry compute, networking, storage, and data protection technologies to accelerate time to production and reduce the scope of manual errors. Build your applications on premises or on hybrid cloud with prevalidated, engineered solutions for VMware and Google Anthos.

Learn More



“Hitachi Unified Compute Platform really helped our business operations and made our business effective and efficient.”

Parth Arvind Patel
Director, Patel Infrastructure Ltd.

4

Will new infrastructure help me reduce our carbon footprint and meet sustainability goals?

The environment-friendly cloud infrastructure of UCP CI reduces emissions across the value chain, from preproduction packaging to stable operations. UCP CI comes from the only storage vendor certified by Carbon Footprint for Products. Hitachi adheres to stringent internal protocols to design and develop infrastructure solutions that consume less energy and emit less carbon with each new version. UCP CI helps you embrace sustainability to protect and preserve Mother Earth.

[Learn More](#)

“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 (ESG) goals.”

Vadiraj Adiga

Associate Vice President, Enterprise Platform Management, Infosys

5

Can I trust the vendor with my ambitious technology transformation project?

Unbreakable trust from global customers, including Fortune 100 clients, is only earned after delivering on promises of performance, availability, and reliability over many decades. UCP CI is the only integrated infrastructure solution that provides guaranteed 100% data availability, powered by Hitachi Virtual Storage Platform. Unparalleled data backup, recovery, and disaster avoidance technologies keep your business running while ensuring that compliance goals are met. Minimize the impact of rogue intrusions with the world's fastest ransomware recovery from immutable snapshots for VMware environments.

[Learn More](#)

“Hitachi Vantara has proven to be an excellent partner throughout our relationship — providing reliable, easy-to-manage solutions with great performance and outstanding support.”

Urs Lüchinger
Head of IT Infrastructure Backend, SFS Group

6

Can I get cloud-consistent experience without sacrificing agility or scale?

Reap all the benefits of public cloud resource elasticity, procurement flexibility, and fully managed services right from your premises, with control and visibility.

Learn More



“Hitachi Vantara helped us establish a secure and stable platform that is future-proofed to meet the needs of a smart and green city. We can now offer better IT performance for a lower price. This makes us more cost-effective than public cloud providers, which means we will be able to compete for new business with organizations across the region.”

Siegfried Fassolter
Head of Department, ITG

7

What about business-sensitive applications that need extremely low latencies and high bandwidth?

Employ low-latency infrastructure for better customer experiences and revenue maximization.

Industry standard for microsecond latencies and high bandwidth, UCP CI powers the most performance-critical workloads for stock exchanges, web commerce, banks, hospitals, airlines, and governments, among others.

Learn More



“We selected Hitachi Vantara for the performance, reliability, and features of its technologies. ... We can now offer unique digital experiences that help improve our customers’ sense of well-being, which improves our competitive advantage.”

Danilo Rogério Bonfim
Head of IT, Mitre Realty

8

How do I automate more mundane tasks and manage my infrastructure with a smaller team?

Reduce management complexity with a unified management tool for the full-stack infrastructure, including compute, networking, and storage.

The fourth-generation management software Hitachi Unified Compute Platform Advisor (UCP Advisor) accelerates application deployment. It drastically simplifies converged and hyperconverged infrastructure deployment, configuration, life-cycle management, and ongoing operations with advanced policy-based automation and orchestration for private and hybrid cloud environments. UCP Advisor also provides deep integration with VMware management software, improving administrator productivity with intuitive and intelligent operations and automation.

[Learn More](#)

“The automation capabilities of Hitachi UCP Advisor enable us to launch new instances on demand, based on standardized templates. This approach helps us to tailor instance sizes to processing tasks, maximizing performance across projects on short notice. That means we can be much smarter about our use of resources and in the long term respond faster to requests from our research scientists.”

Fredrik Boulund

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

9

I just cannot afford downtime. Is there a solution?

Your search for continuously available storage infrastructure ends here. Designed for workloads with minimum downtime tolerance, top-of-the-league Hitachi Virtual Storage Platform systems keep your data available through outages, upgrades, and patch deployments.

[Learn More](#)

“Hitachi Vantara helps Jiangsu Provincial Stomatological Hospital to improve our business performance. With UCP, it supports the upgrade of [the] disaster recovery data center of the hospital and meets all our challenging requirements on system stability.”

Chen Wei
Director of Information Technology, Jiangsu Provincial Stomatological Hospital

10

Can I get away from the vendor finger pointing? I like a one-stop approach for simplicity.

Never again be subjected to multiple vendors trying to pass the buck while you struggle with sub-par performance or downtime — or just trying to schedule upgrades. Trust a one-stop converged solution to eliminate multiple contracts, streamline operations, and eventually deliver peace of mind. Experience the power of one with a single partner, and a single contract for the entire stack of compute, networking switch, storage, and management software.

[Learn More](#)

“The knowledge and willingness of Hitachi folks to listen and help us devise a plan that addresses any challenge we might encounter: That is what a partnership is all about.”

Pravine Balkaran
Global Head of IT, Spin Master

Ten Questions To Ask If You Are Upgrading Your Data Center Infrastructure

[Learn More →](#)

See how you can modernize your cloud infrastructure without compromising speed or scale.

ABOUT HITACHI VANTARA

Hitachi Vantara, a subsidiary of Hitachi, Ltd. (TSE: 6501), turns data-rich businesses into data-driven ones. For more information, please visit hitachivantara.com.

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

Optional Partner Contact Information
USA: 1-800-446-0744 [please remove or edit]
Global: 1-858-547-4526 [Add partner info]
hitachivantara.com/partners