

# These 5 Steps Combine the Flexibility of Public Cloud and the Control of Private Cloud

Faced with skyrocketing data storage requirements, increasing user demand and risks associated with shadow IT, enterprises are looking for ways to achieve the flexibility of public clouds and the control of private clouds. In fact, it's possible to combine the advantages of the public and private clouds without the downsides of either one. Get the Best of Both Worlds with Integrated Microsoft® and VMware Clouds on Hitachi Unified Compute Platform.



Use this checklist to help you achieve the best of both worlds.

5

## Steps

No. 1

Shift Risk and Responsibility to a Trusted Supplier

No. 2

Align Costs With Business Use

No. 3

Choose the Cloud That Is Right for You

No. 4

Manage Converged Infrastructure From a Familiar Single Pane of Glass

No. 5

Choose the Cloud Vendor That Adapts to Meet Future Needs

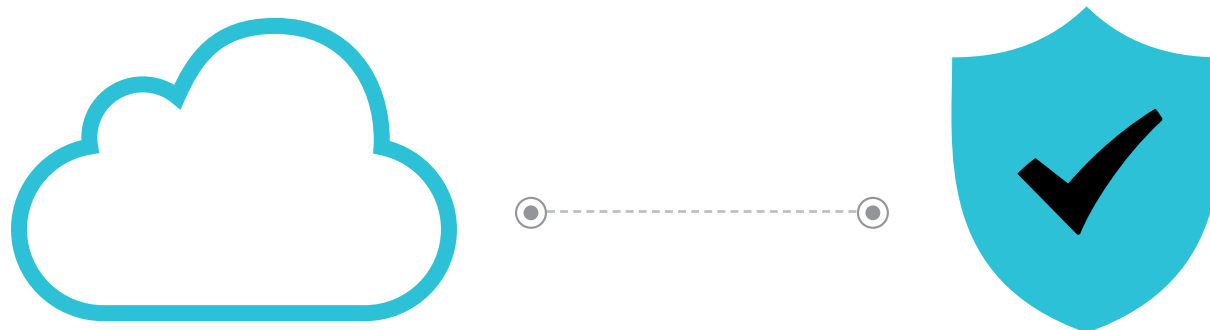
No. 1

# Shift Risk and Responsibility to a Trusted Supplier

Consider the freedom of handing over the design, installation and management of a private cloud to a trusted supplier.

The supplier installs its own equipment on your premises and enters into a contract based on outcomes. This means your monthly charges are based on how much you consume, how fast your applications run, the quality of services you require, and the security measures you need.

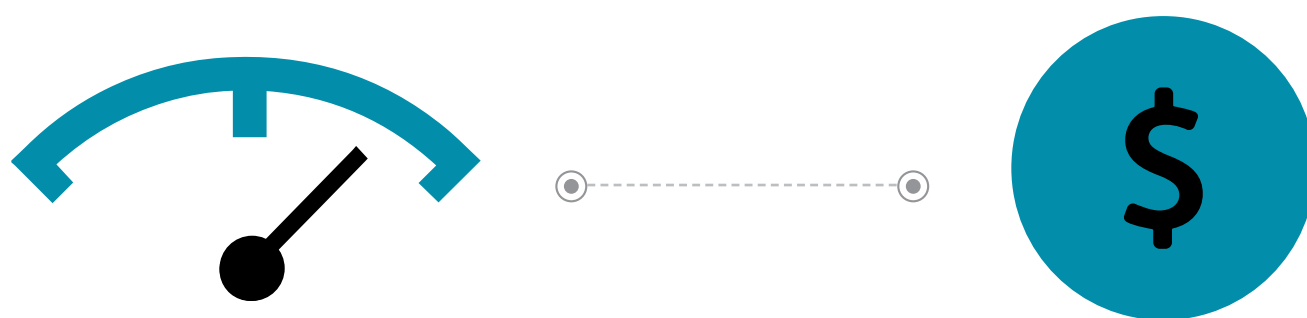
Your supplier should respond to changing business needs with exactly the right compute resources and deliver the highest levels of security and control. You can pass technological and financial risk on to your supplier. Ideally, this supplier brings in trained personnel to manage the IT environment for you and take on labor-intensive tasks associated with architectural design and technical refresh. The supplier also shoulders the responsibility of staffing numbers and training levels.



## No. 2 | Align Costs With Business Use

The ideal managed cloud solution should free you from buying equipment and incurring a capital expense. Rather than paying an upfront charge for the solution or subsequent upgrades, you should pay only for the resources you consume. It should be possible to align resources quickly to meet unpredictable demands. Costs should be transparent, with hardware, software, support, administration and management all included in the per-unit pricing.

In fact, you should be able to calculate an overall reduction in total cost of ownership based on a number of cost efficiencies. In addition to not having to pay large amounts upfront for hardware and software licensing, efficiencies include paying only for what you use as well as reduced maintenance and support costs. By linking fluctuating consumption with billing, you can also understand how different business lines use resources.

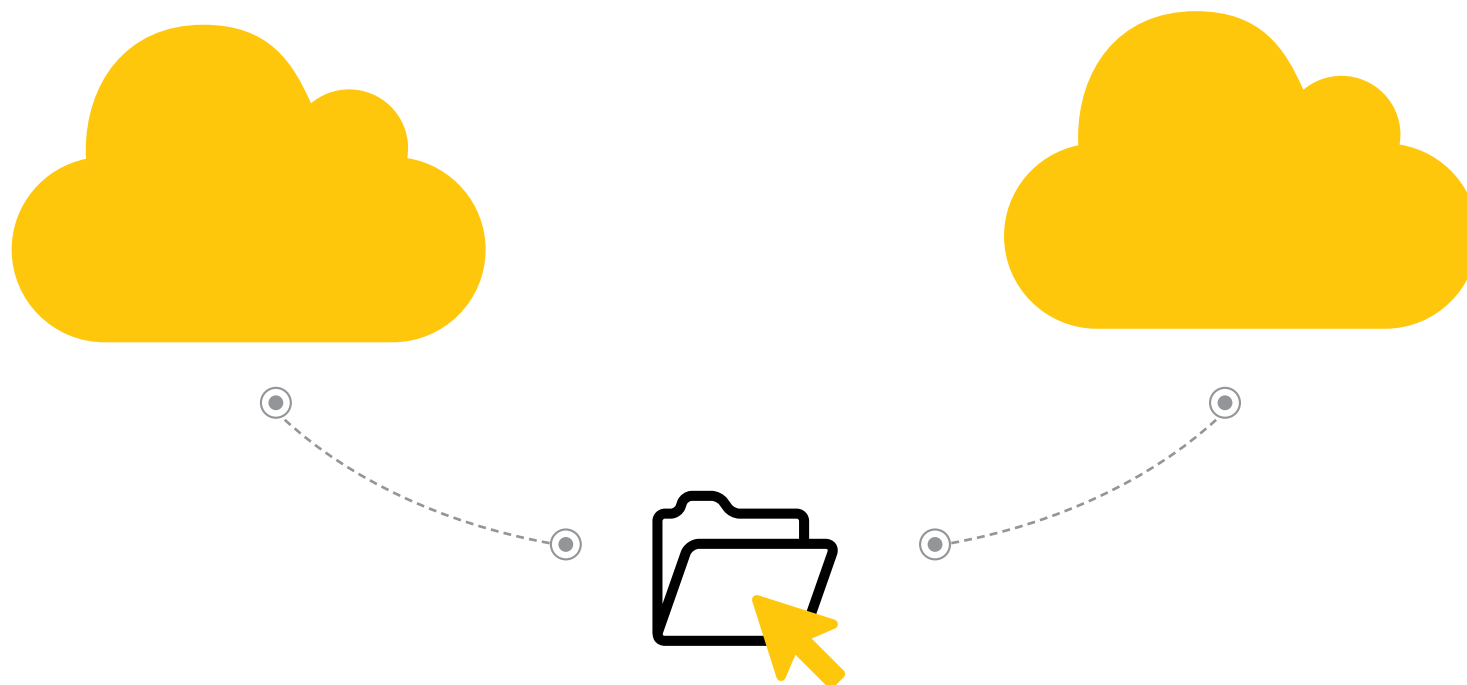


No. 3

# Choose the Cloud That Is Right for You

Your environment should allow you to move workloads easily across cloud choices as a way to temporarily increase capacity or to get the best pricing options.

The most efficient way to accomplish this level of agility is through a converged infrastructure that tightly integrates popular clouds with the prevailing environment. For example, by integrating Microsoft Azure™ with a converged Microsoft environment or VMware vCloud Hybrid Service (vCHS) with a converged VMware environment, you can use hybrid cloud efficiency to leverage the benefits Microsoft and VMware offer in the public cloud space.

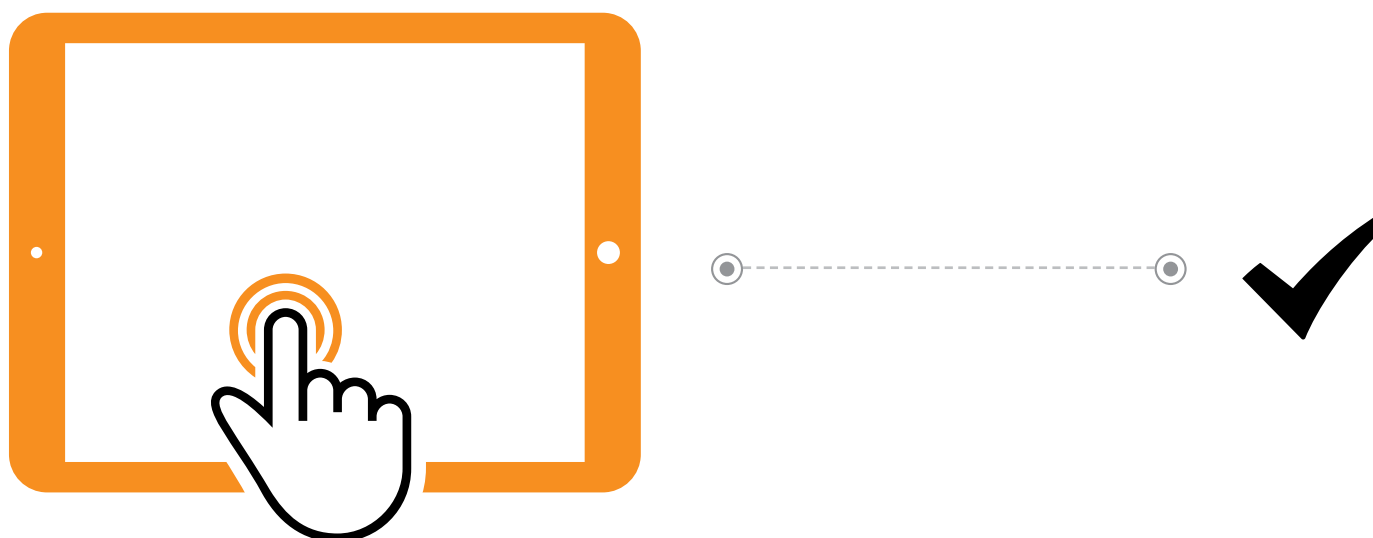


No. 4

# Manage Converged Infrastructure From a Familiar Single Pane of Glass

It is common for a company to use a single management interface. In a predominantly Microsoft environment, Microsoft System Center would be a logical choice, while a VMware environment would be well served by VMware vCenter.

By converging all Microsoft Hyper-V® or VMware vSphere applications and managing them through a single pane of glass, enterprises and the cloud providers who serve them can streamline operations to provide maximum efficiency with minimum staffing.



No. 5

# Choose the Cloud Vendor That Adapts to Meet Future Needs

The best solution is the one that closely matches your current business requirements and will adapt to meet future needs. Cloud technology will continue to move forward, further breaking down the silos between public and private clouds.

To best prepare for the future, select a supplier that is at the leading edge of cloud technology with solutions that can flex to take advantage of the latest developments. Your supplier should be able to advise you on your options and implement a custom-designed solution that precisely meets your current requirements. When your business needs change, your supplier should be positioned to make the necessary changes.



# Get the Best of Both Worlds With Hitachi Unified Compute Platform

The public cloud plays an important role in containing costs and increasing business agility. However, most businesses would not consider the public cloud a logical deployment model for mission-critical workloads, where privacy, data sovereignty, security and compliance are at stake. To accommodate these workloads, many enterprises are looking at private clouds. These ventures usually require large capital outlay, lengthy transition periods, and considerable risk that the investment will pay off before business needs change.

With a consumption-based, managed private cloud from Hitachi Data Systems, enterprises gain the best of both worlds: flexible pricing and elastic capacity of a public cloud and a private cloud's control over security, quality of service and privacy. We'll run a state-of-the-art, converged infrastructure for you and work with you to meet business-driven goals and eliminate the need for shadow IT. And we'll provide the added flexibility of integrating with popular public clouds, thanks to joint solutions created with long-standing cloud provider partners.



“Total worldwide spending on converged infrastructure will hit \$14.3 billion in 2017.”<sup>1</sup>

See how Hitachi Unified Compute Platform Director will improve IT agility, lower infrastructure costs and move to the cloud.

[Download UCP Solution Profile](#)

<sup>1</sup> IDC, Worldwide Integrated Systems, 2014–2017 Forecast: March 2014.

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