

# Public Cloud Benefits You Want. Private Cloud Control You Need.

Accelerate Your Business with a Hybrid and Multicloud-Ready Private Cloud

## HIGHLIGHTS

### Maximize Your ROI

Save up to 60% on infrastructure costs and get an ROI of 477% in 5 years

### Pay as You Grow

Pay only for what you use and enjoy flexible subscription options

### Automate Everything

Speed up resource deployments by 53% and deliver apps 27% faster

### Stay always on

Keep data safe with 72% more frequent backups and 85% less unplanned downtime

### Up Your Security

Improve security team efficiency by 28% with policy-based application security and VM segmentation

### Drive Financial Accountability

Save 35% or more on your multicloud spend

## NEXT GEN IT DRIVES INNOVATION

Today's IT has moved well beyond its traditional support function, emerging as a key player in driving innovation. Market-leading companies across industries position IT as a strategic asset focused on usability, scalability, and speed to market. IT can create an edge over the competition by being an innovation incubator instead of a reactive support shop. Yet, IT is frequently pressured to reduce spend even as the business requires more.

The truth is your IT team is expected to make the right decision on budgetary investments and run incredibly lean without enough staff to handle all the fires that crop up. All this becomes very problematic given how much time IT spends just grappling with legacy datacenter infrastructure. It requires separate technology and expertise in compute, storage, and network, resulting in operational inefficiency, risk for downtime, and productivity loss as things work in silos. This ultimately leads to IT leaders and practitioners who are simply not set up for success, who are forced into reactive rather than proactive postures, and who have very little time for high-value initiatives or innovation.

## PUBLIC CLOUDS SETTING NEW EXPECTATIONS

Many IT leaders are under a mandate to embrace public cloud services as the logical solution to this situation. And while public cloud offers simplicity, usability, flexible consumption, and continuous improvement, when you look a bit more closely at moving workloads and applications to the public cloud, new challenges arise. Legacy applications can be complicated, time-consuming, and expensive to move due to refactoring, customization, and interdependencies. There are also regulatory concerns for the hosted data and where that data might be hosted. Finally, many enterprise applications that have on-going and predictable demand can have a lower TCO running on-premises. Because of these many factors, businesses need the simplicity and agility of public cloud with the performance, security, control, and economics of a private cloud. Is there a middle ground?

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## WHY NUTANIX

### Unified Management

For Operational Simplicity Easily move applications and workloads across any cloud without rearchitecting

### Freedom to Choose

Give your technology teams full range of options to precisely architect a cloud that fits your business

### Cost-effective Operations

Maximize your investment with full license portability between environments and one-click hibernation of unused resources

“Nutanix, more than any other partner, has allowed us to get more out of our IT infrastructure, so it can add value to the business. Its solutions have enabled us to take back control of our environment and allowed us to focus on innovation first rather than maintaining a legacy infrastructure.”

– Paul Cash, Director of IT Operations- Smartbox

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## GO PRIVATE, THEN EFFORTLESSLY EVOLVE

Your first step is simplifying on a modern foundation. Hyperconverged infrastructure (HCI) technology has emerged as the top choice for cloud-building with its ability to incorporate web-scale architecture within the enterprise. HCI simplifies and speeds how you can build and manage your desired cloud approach. Picking the correct platform for your cloud transformation can make a difference between success or more challenges. A platform that offers speed and scalability for deployment, updates, and recoveries, and with one-click operations that don't sacrifice reliability and security can free your business from the complexity and cost of legacy IT.

After making the move to HCI, there are additional functional areas to weigh to make the transition to a full private cloud. Compare these capabilities to your specific requirements and challenges and add to your cloud as needed.

**Storage: Eliminate storage silos.** Data management needs to be an integral part of your private cloud. Nutanix private cloud solutions ensure you can support the provisioning of multiple, independent storage types within a single platform for databases, applications, users, archives, backups, and other use cases that need them.

**Automation: Enable ITaaS and simplify management.** Traditional IT operation management tools were built for static three-tier infrastructures. They can overwhelm IT with their complexity. Nutanix private cloud solutions use machine learning and task automation to intelligently optimize the environment, proactively detect anomalies, and enable IT teams to automate operations with ease.

**Cost governance: Gain visibility into the true cost of your cloud.** The best way to keep cloud usage under control is to see actual usage at different levels of granularity, including business units, departments, teams, and individuals. Nutanix private cloud solutions provide the ability to visualize cloud consumption across both public and private clouds and directly enforce spend policies if needed.

**Data protection and disaster recovery: Maintain application and data availability.** A private cloud can support everything from traditional enterprise applications to the latest cloud native apps—including business critical applications and data. Nutanix private cloud solutions ensure a high level of infrastructure resiliency, self-healing to eliminate fire drills, and built-in capabilities like snapshots, clones, and replication to tailor to specific needs.

**Security: Protect your cloud.** Security is one of the main advantages to building your private cloud. Nutanix private cloud solutions protects your cloud with native data encryption, app-centric microsegmentation, and real-time security auditing that give your organization the assurance it needs.

## FIND OUT MORE:

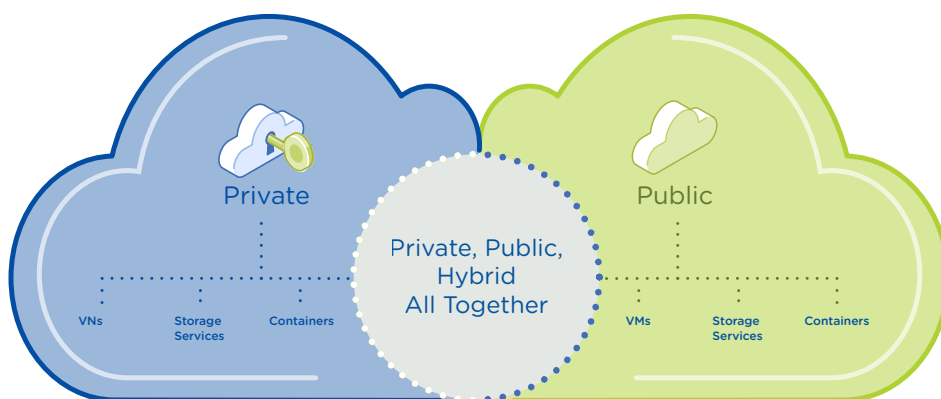
- [Private Cloud Design Guide](#)
- [Take a Test Drive](#)
- [Definitive Guide to Private Cloud](#)

## BRIDGING PRIVATE AND PUBLIC CLOUDS

Nutanix private cloud solutions, with HCI as the foundation, bring it all together. A true single cloud platform that seamlessly integrates your entire private, hybrid, and multicloud strategy. The best of all worlds—controlled behind a single pane of glass—unifying management and operations with one-click simplicity, intelligent automation, and always-on availability.

Enabling hybrid and multicloud, connecting your private cloud with public cloud, can be done within 60 minutes. You get the flexibility to pick the right resources for your workloads and strategy and adjust seamlessly as your business grows. Burst capacity from datacenters to hosted clouds and public clouds like Amazon Web Services (AWS). [Nutanix hybrid and multicloud](#) solutions feature out-of-the-box networking integration with public clouds. This allows application builders to focus on code and application design, not the infrastructure or cloud connectivity.

Nutanix private, hybrid, and multicloud solutions ensure on-premises and public environments are operated as a single cloud. Start your transformation today with HCI as your private cloud foundation and, when you are ready, move to a hybrid and multicloud environment. Eliminate silos in your datacenter and your organization so that you can focus on innovation instead of remediation—all with a dramatically lower TCO.



To learn more visit: [www.nutanix.com/private-cloud](http://www.nutanix.com/private-cloud)

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