Keep Calm and Unify Your IT

How Hyperconverged Infrastructure can bring your IT systems all together

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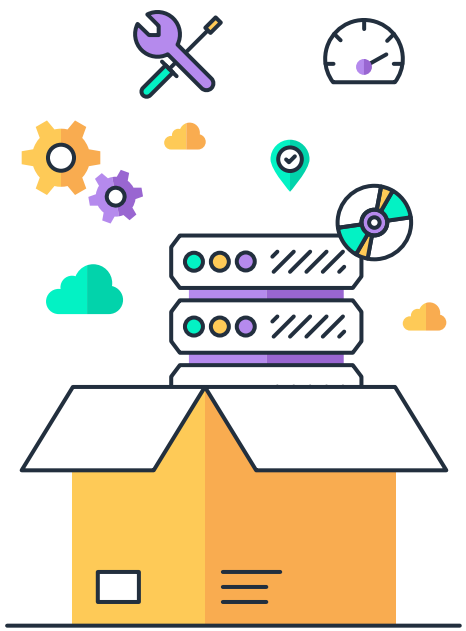
It’s time to make the switch

Technology is improving at the speed of light, but that doesn’t mean that all systems easily work together for your business. Companies are often overwhelmed by the time and effort needed to keep tech both current and compatible. Meanwhile, IT staff are asked to do more with fewer costs—all while spending a huge amount of time simply troubleshooting problems. In order to meet these rising demands, IT needs hardware infrastructure that simplifies and unifies systems and can merge modern cloud-like agility and cloud-like costs with the security and reliability of on-premises solutions.

Hyperconverged Infrastructure (HCI) delivers the next-generation infrastructure businesses need. Think of HCI as a “datacenter in a box”: a software-defined, on-premises solution that provides a complete virtualized solution in a single appliance.

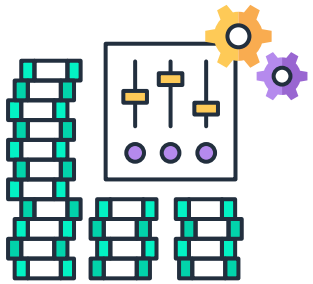
Read on to see how NEC’s HCI, powered by Scale Computing’s HC3 software, is designed to solve your divergent IT issues by minimizing costs and complexity, eliminating silos, and freeing up your IT team for innovation.



Reduce cost & complexity

The Issue:

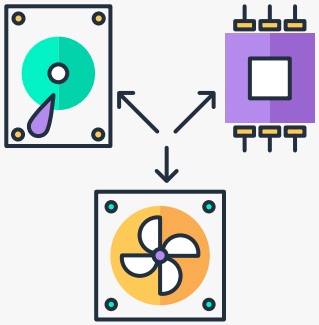
On-premises hardware environments can often be a headache. Not only do they come with high up-front costs but are also difficult to deploy, maintain, and scale. Their separate hardware systems increase the amount of time and money it takes to make any changes to the infrastructure, directly impacting IT productivity and the business's bottom line.



With HCI:

HCI is designed to specifically solve these problems. It simplifies processes by integrating hardware and software into one system, consolidating and streamlining IT processes. This also allows businesses to easily scale with the pace of their business with significantly lower costs than with legacy systems.

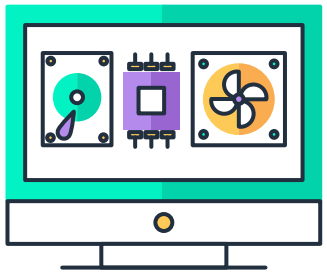
Eliminate IT silos



The Issue:

Traditional IT is split into separate systems, with distinct hardware for servers, storage, and networking—plus management software. It takes a lot of IT time to make these disparate hardware pieces work together in a seamless networked environment, not to mention the specialized knowledge and skills required to manage them, which can open up more room for errors.

Having different server, storage, and networking systems also takes up more physical datacenter space. Not only does this limit the amount of hardware businesses can add, but it also can increase expenses in the form of power and cooling costs.



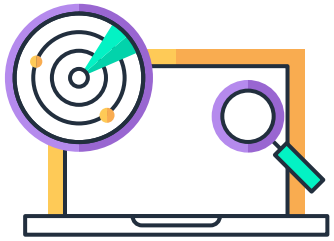
With HCI:

HCI brings the hardware for each of these vital functions into a unified virtualized system that can be run from a single screen. There are no additional specialized skills needed to get systems to talk to each other—they're built to do that.

Make time for innovation

The Issue:

Do you dare to ask your IT team how much of their time is spent chasing updates and dodging errors in the current system? Spoiler: It's probably most of their day. When legacy systems are disparate and difficult to manage, it leaves little time for your team to innovate or create new business solutions. Not only does this keep businesses from creative solutions, but it can lead to poor job satisfaction and high turnover in IT teams.



With HCI:

HCI improves your operational efficiencies by minimizing the need for troubleshooting maintenance issues. The unified software environment makes it easier to identify and solve problems on one screen, so IT teams can quickly find and solve problems without spending excessive time simply determining the problem.

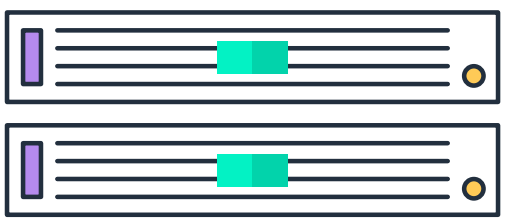
Not only does HCI give teams more time for innovation, but it also provides a platform on which to do it. IT can create DEV and TEST environments in HCI that in-house developers can use to build and test new software, before rolling it out to the entire organization.

Simplification that you can see

Traditional IT

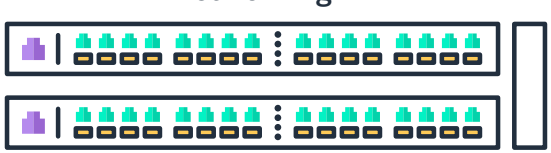
Separate hardware

Servers

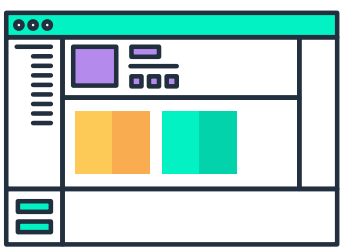


Storage

Networking

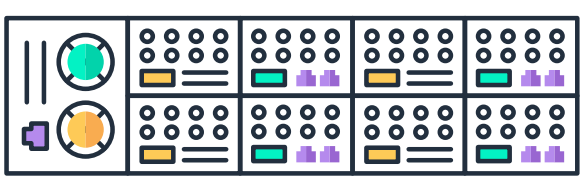


Separate management



HyperConverged

Single “pane of glass”



Powered by Scale Computing's HC3 software

NEC's HCI runs on the easy-to-use HC3 operating system. Its built-in browser-based management is intelligent, efficient, and cost-effective. Here are just a few features that separate HC3 from the rest.

Intelligent storage pooling

24/7/365 in-house ScaleCare Support

No Expertise Required (Storage, HA, Virtualization, DR)

Hyper-efficient I/O path

Cloud integration with Google® Cloud Platform

Flexibility in building clusters from differing nodes

Hypervisor included

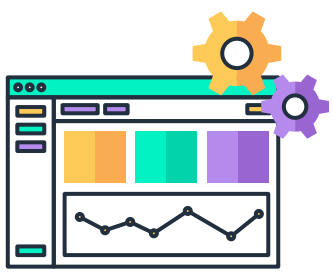
Native backup/DR features and DRaaS capabilities

Top 5 Reasons for NEC's HCI

NEC's Hyperconverged Infrastructure is designed to simplify—so here are 5 simple takeaways for choosing HCI:

It's a "datacenter in a box"

- Brings together servers, storage, and networking into a virtualized, flexible solution
- Delivers cloud-like economics and agility, but with the security and reliability of on-premises solutions
- Creates cost efficiencies by only requiring a single upfront cost for all hardware, software, and upgrades and support for the length of the license

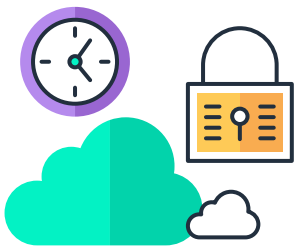


It simplifies IT management

- Centralizes management into a single interface so it's easier to identify and solve problems
- Minimizes the need for troubleshooting maintenance issues, improving operational efficiencies

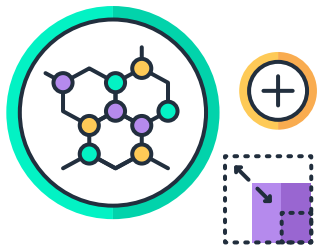
It minimizes the need for IT busywork

- Monitors all virtual machines to detect and automatically respond to common infrastructure events
- Eliminates wasteful management tasks for IT datacenter administrators
- Frees up IT staff's time to focus on other important tasks



It has advanced security and reliability built in

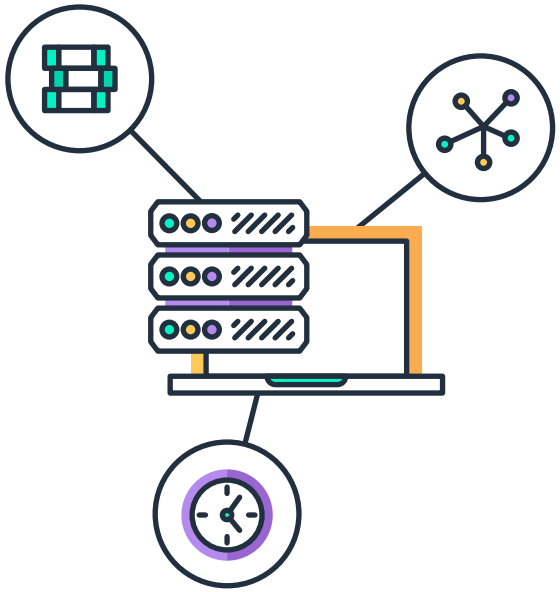
- Virtually eliminates both planned and unplanned downtime
- Supplies inherently more stablibility and higher availability than traditional virtualization solutions
- Operates as a redundant and elastic "private cloud"



It's easy to deploy, use, and scale as needed

- Provides seamlessly scalable infrastructure
- Enables IT to add new appliances within minutes, without disrupting running workloads
- Lets you use nearly any combination of models and capacities to scale as needed

Unify your IT systems



Keep up with rapidly evolving tech while improving IT processes by making the switch to NEC's HyperConverged Infrastructure. With it, you can:

- **Reduce costs and complexity**
- **Eliminate IT silos**
- **Make time for innovation**

HCI sits on NEC's Express5800/D120h high-density, dual socket modular server, creating a unified and redundant server. Virtually eliminate downtime with NEC's high availability, redundancy, and resiliency.

See what NEC's HyperConverged Infrastructure can do for your business at
www.nec-enterprise.com/products/HyperConverged-Infrastructure

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