

HYPERCONVERGED INFRASTRUCTURE

POWERED BY **SCALE**



NEC's HyperConverged Infrastructure (HCI), powered by Scale Computing's HC3 software, provides a complete virtualization solution for the datacenter in a single purpose-built appliance designed for rapid deployment, easy management, seamless scaling, high performance and low Total Cost of Ownership (TCO).



KEY FEATURES

- > **"Datacenter in a Box"** that provides a complete virtualization solution in a single appliance with **lower TCO**
- > **Monitors all virtual machines, software and hardware** to detect and automatically respond to common infrastructure events
- > Maintains application availability and **streamlines datacenter management**
- > **Simplified configuration** makes it easy to order, deploy, manage, and scale as needed
- > High-density, dual socket modular appliance with **built-in redundancy, high availability and resiliency**
- > **Next-Generation platform** for Unified Communications
- > Supports **easy migration of existing UC Applications**
- > Offers optional **Disaster Recovery as a Service**
- > **NEC Smart IT Enterprise** architecture provides the flexibility to **optimize organizational resources and services** for enhanced business performance



SOLUTION

NEC HCI delivers operational simplicity through highly intelligent software automation and IT architecture purpose built with our Express5800/D120h server and Scale Computing HC3 software. NEC's HCI provides a single unified redundant system that is a flexible and complete "datacenter in a box" that operates as a dependable elastic "private cloud" solution.

Simplicity

The key to the success of NEC's HCI solution is the ease-of-use. HCI helps IT datacenter administrators eliminate wasteful routine management tasks to free up more time to focus on improving business processes and innovation. The simplicity of NEC's HCI directly impacts IT with higher productivity and lower costs.

Availability

Based on simplicity of design, NEC's HCI is inherently more stable and provides higher levels of availability than traditional virtualization solutions. Redundancy, high availability, and resiliency are built into NEC's HCI in every way, including the option of disaster recovery as a service. With NEC's HCI, both planned and unplanned downtime can be virtually eliminated, creating a better customer experience and business value.



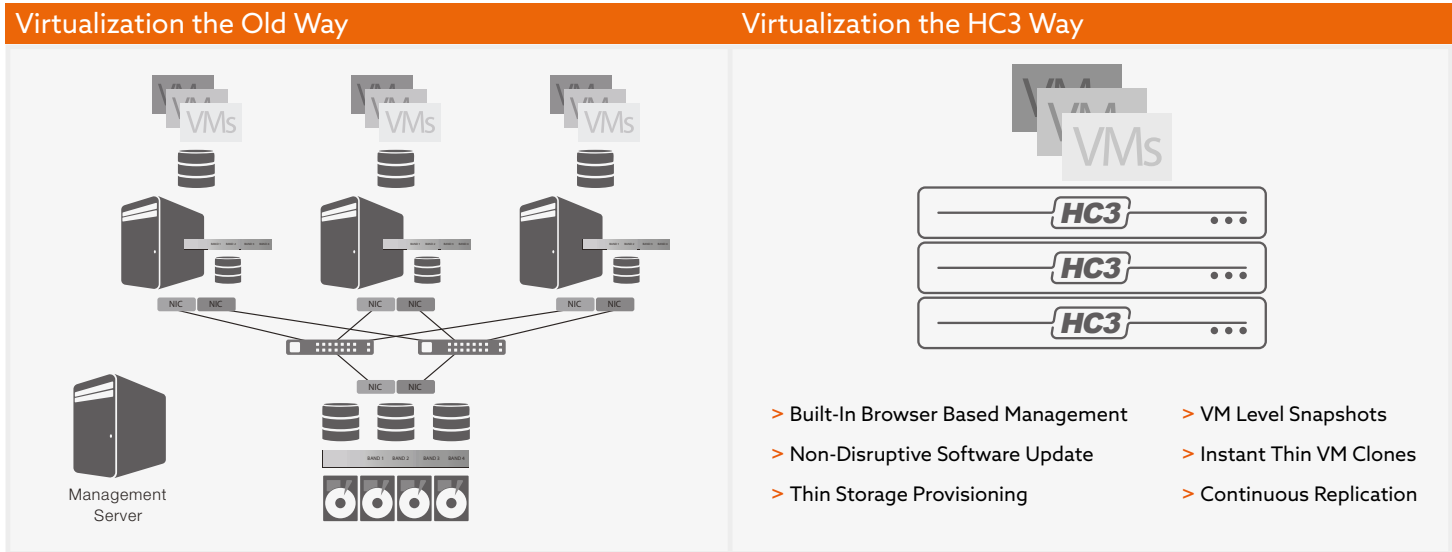
SCALABILITY

One of the most challenging tasks for IT is adding capacity to existing infrastructure. With NEC’s HCI, the simplicity of design and ease of use allow for seamless scaling of infrastructure. New HCI appliances can be added into a running cluster seamlessly, within minutes, without disruption to any running workloads. Different models and capacities can be used together in nearly any combination to scale out resources as needed.



VIRTUALIZATION WITHOUT LICENSING

NEC’s HCI includes the hypervisor with no additional licensing fees or costs. By eliminating virtualization software licensing fees, customers can quickly lower their TCO and simplify IT management to deliver better value for the business.



3 MODELS OF PERFORMANCE

Whether your workload only needs the Base model, or you need to scale up to the Mid-Range or Power models, NEC’s HCI solution makes it easy to order, deploy, manage, and scale to meet the demanding needs of today’s business IT operations.

Model Comparison+ per node*

	BASE	MID-RANGE	POWER
Compute	8 cores	10 cores	20 cores
RAM	64GB	128GB	256GB
Storage	SSD: 2 x 480 GB HDD: 4 x 600 GB 10K	SSD: 2 x 1.92 TB HDD: 4 x 1.2 TB 10K	SSD: 2 x 1.92 TB HDD: 4 x 1.8 TB 10K
Network	4 x 10 Gbe	4 x 10 Gbe	4 x 10 Gbe

+ Limited customization available within model classes. * Standard model is 3 nodes. Optional 4th node can be added.

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