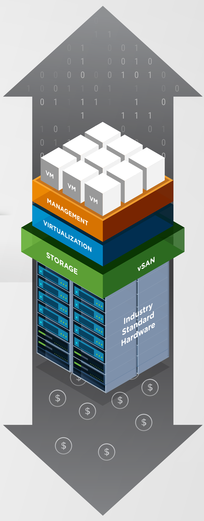
Why Organizations Are Moving From Traditional Architecture To Hyperconverged Infrastructure

VMware and Intel provide IT organizations a path to digital transformation, delivering consistent infrastructure and consistent operations across data centers and public clouds to accelerate application speed and agility for business innovation and growth.

Lower Costs

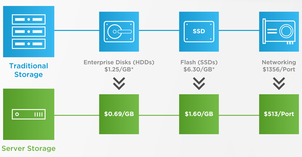
Hyperconverged Infrastructure lowers costs by combining commodity hardware with a simple operational model

- Take advantage of commodity server economics, with no dependency on proprietary hardware
- Run latest hardware, at higher utilization rates, while avoiding over-provisioning
- Avoid tech silos and simplify workload deployments



* Reported by Baystate Health. Source: https://www.itcentralstation.com/product_reviews/vmware-vsan-review-34882-by-mike-feld

Server-Side Economics Reduces CapEx



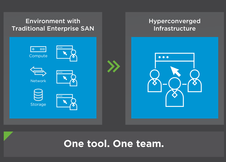
* Source: $/GB refers to disk prices raw GB only and is based on publicly available list prices as of Nov 2016

> *We were able to introduce commodity flash drives into a hybrid cluster at 90% less cost than using proprietary flash drives from our previous SAN vendor.*
>
> - CINgroup

Operational Efficiency

HCI consolidates multiple administration functions into a simple, unified management framework

- Empower IT with simplified management
- Scale up and out with ease and granularity
- Avoid complex maintenance and integration challenges



One tool. One team.

> *We managed to significantly reduce overall costs and server provisioning time, enabling our lecturers to adopt new innovations in educational technology.*
>
> - Catholic University of Indonesia Atma Jaya

Up to **59%** Less Time for Storage Tasks*

* Source: IDC study of vSAN users

Business Agility

Hyperconverged Infrastructure enables rapid application deployment with workload-centric, policy-based management

- Provision full-stack infrastructure from one console in a few clicks
- Easily tailor infrastructure to suit the needs of the workloads

> *If someone needs a new application installed or a new database, I can spin up a new VM with storage in 10 or 15 minutes. It's such a fast process that it frees up time for a lot more things.*
>
> - wachter

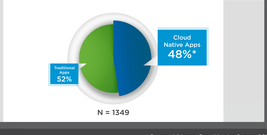
> *Engineering end users were able to reduce build times from 2 hours to 15 minutes.*
>
> - Symantec.

Flexible, Strategic Platform

Hyperconverged Infrastructure provides a flexible strategic platform for next generation applications

> *Hyperconvergence remains one of the hottest trends in data center infrastructure.*
>
> - Gartner

48% of new on-premises apps use "cloud native" architectures



* Source: VMware Core Metrics Survey 2017

docker · kubernetes · Pivotal · Pivotal Cloud Foundry · cassandra · Spring Boot CACHE · splunk>

HCI Powered by vSAN
Adopted by
17,000
organizations and counting!

Leader in the Gartner Magic Quadrant: Hyperconverged Infrastructure, 2018
Leader in the Forrester Wave: Hyperconverged Infrastructure, Q3 2018

To know more about Hyperconverged Infrastructure, visit ***www.vmware.com/products/hyper-converged-infrastructure.html***

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