

WHY HYPERCONVERGED INFRASTRUCTURE?

And why is the name so long?

The name is really several of things rolled into one thing — which is exactly what it means.

Hyperconverged Infrastructure (HCI) is a fast and efficient way to combine different IT resources (compute, storage and virtualization) into one simple building block. And you can easily build or grow your data center using these prefabricated blocks.

Head in the clouds?

A few short years ago, software catered to hardware. That left you constantly updating everything. HCI, is the other way around. **“Virtualized” software runs your hardware through the cloud. So you can handle remote resources as easily as the local ones. You can sit here. And run everything there.**

Let's talk about overtime

IT professionals put in an average of 12 hours a week beyond the standard 40-hour workweek. That adds up to three extra months of work per year. The virtualized structure of HCI simplifies resource management and eliminates remote legwork, so you can earn back some time.

Source: Spiceworks survey, Kensington

Hyper growth

HCI is the fastest growing segment of the overall market for integrated systems.

This year HCI is predicted to grow 79%



56% of surveyed enterprises expect to increase storage capacity this year



30% of them expect to add 25-50% more storage capacity



Yet only 17% expect to see their budget increase more than 25%



That's why HCI's cost efficiency and scalability make 100% sense



Source: 2016 451 Research, LLC

Making the most of HCI

Cost reduction is the main reason HCI adoption rates almost doubled last year alone — and why 88% of organizations planning to make the transition will do so within two years.

Operational efficiency is another major benefit cited by adopters. And that can show up in many ways.



Scalability

Add capacity when you need it. Add performance where you need it. Scale-out old resources when you don't need them. HCI makes it much easier than buying huge blocks of infrastructure every few years.



Compatibility

You don't have to waste a precious minute researching vendors and platforms to get your hardware to get along. HCI brings together key IT system components into one box, or system, that's managed through a software layer.



Reliability

Since HCI is software-centric, it's much easier to manage data loss or corruption and to restore data. You keep your people up and running. And that keeps them off your back. (Ever calculated the cost of downtime? Bet your CIO has.)



Efficiency

HCI is like building with Lego bricks. Which means you can build a virtual server compute environment yourself — ideal for companies who don't have giant mega-data centers. It helps you reduce many things, such as storage and bandwidth.



Adaptability

With HCI, you get exactly what you need in one box — no matter what you need. So you can go from zero to having a powerful, feature-rich, virtual server environment in a day.



Mobility

People are totally mobile these days. Shouldn't their data and apps be? Yes — they have to be. Greater mobility in workloads and applications is another benefit HCI delivers by centralizing management instead of centralizing hardware.

Looking forward to it

37% of companies that have adopted HCI point out cost savings as the key benefit.

Here's how HCI delivers ongoing value:

- Eliminates maintenance fees for appliances and services that are no longer needed.
- Cuts the space you need in your data center, reducing floor space costs.
- Lowers power and cooling costs — with fewer things to cool.
- Omits the need for ongoing training on all those disparate platforms.
- Streamlines processes with more VM-centric policy-based approaches.

Source: ActualTech Media

All sizes fit one. Eaton.

Eaton works with all of the leading HCI vendors to provide power management solutions for their products. So while you're getting the best of HCI, you can take advantage of the best of Eaton.



Small data centers, like remote or satellite offices, usually don't have local IT staff to manage and troubleshoot issues. Eaton's Intelligent Power Manager (IPM) software simplifies the management of off-site HCI resources through a single, web-based interface.



Large data centers are affected most from downtime seeing that costs multiply by the minute during stoppages. When a power disaster strikes, Eaton's power management solutions are poised to ensure zero downtime in an HCI environment.



All data centers need an ironclad data recovery plan. But the better plan is to avoid the disaster altogether. Eaton's IPM software helps avoid power disasters minimizing the need for data recovery.