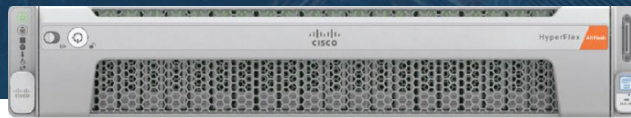


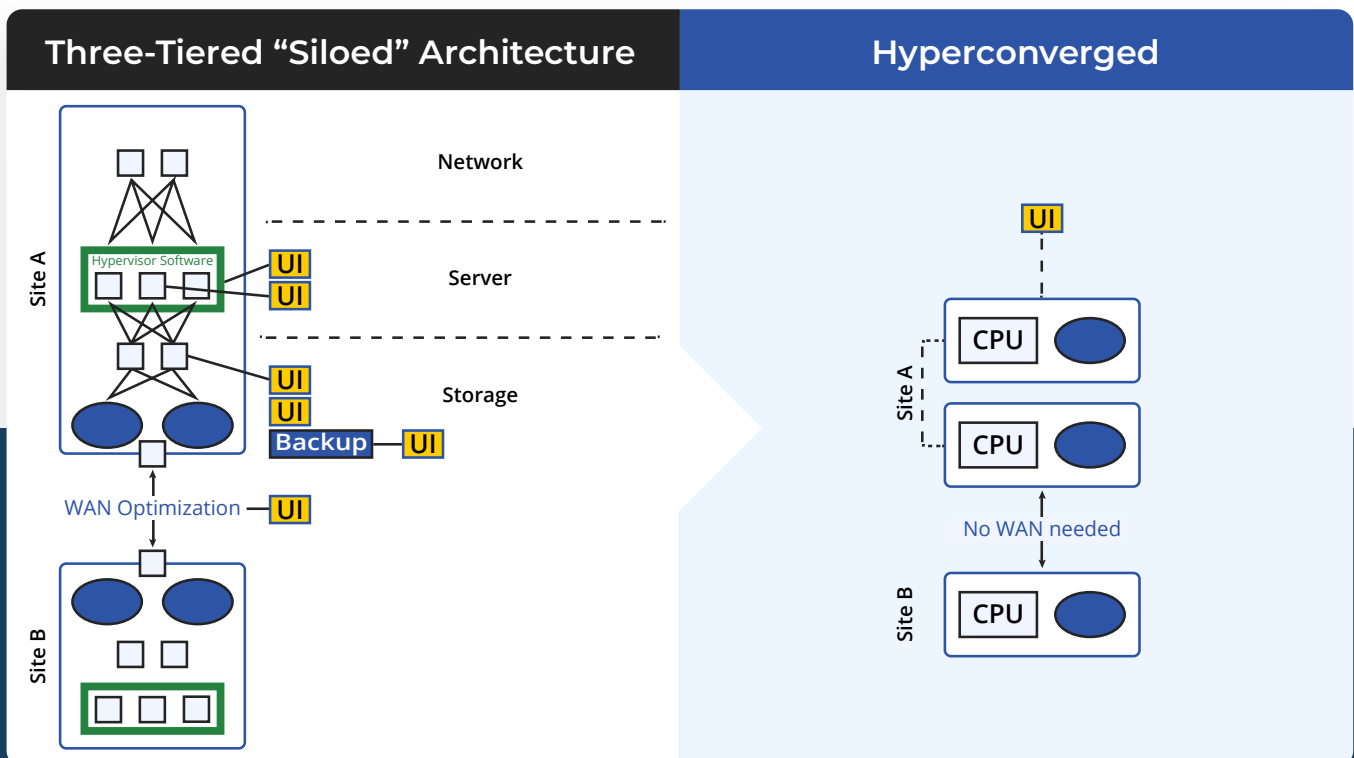
Everything You Need to Know About Cisco HyperFlex



What Is Cisco HyperFlex?

Cisco HyperFlex is an adaptive system to power any application anywhere with the simplicity of hyperconvergence. To understand HyperFlex, let's first talk about hyperconvergence.

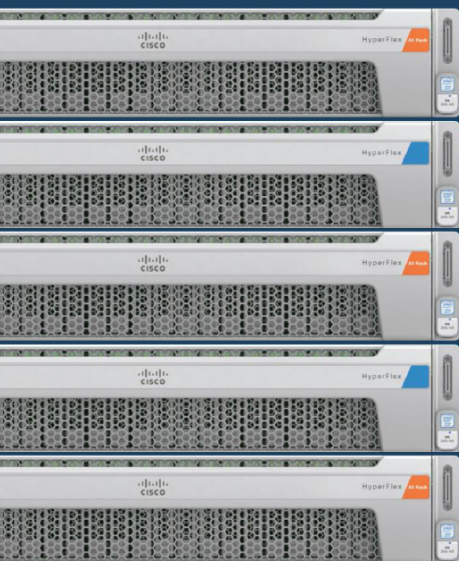
What Is Hyperconverged Infrastructure?





Cisco HyperFlex extends the simplicity of hyperconvergence from core to edge and multicloud, putting IT at the center of rapid innovation in a world where data is everywhere. The latest innovations in HyperFlex with Cisco Intersight are engineered to meet the unique requirements for deploying hyperconverged infrastructure at the edge at a global scale.

This is important info if you're still using traditional infrastructure.



In traditional architecture, upgrading is slow and complicated. Increasing your storage space is a massive effort that will affect all areas of your architecture, and you can only upgrade one tier at a time.

Additionally, IT teams must access each aspect of the system with different user interfaces. Growth, agility and capabilities are limited. In most traditional systems, Site A and Site B are connected with a WAN optimization, which transfers data via bidirectional replication to ensure no data is lost.

Hyperconverged infrastructure is the simplest approach to this complicated process. Two tiers are condensed to one: servers and storage are combined into a single device (a standard x86 server paired with a powerful CPU and a lot of disks).

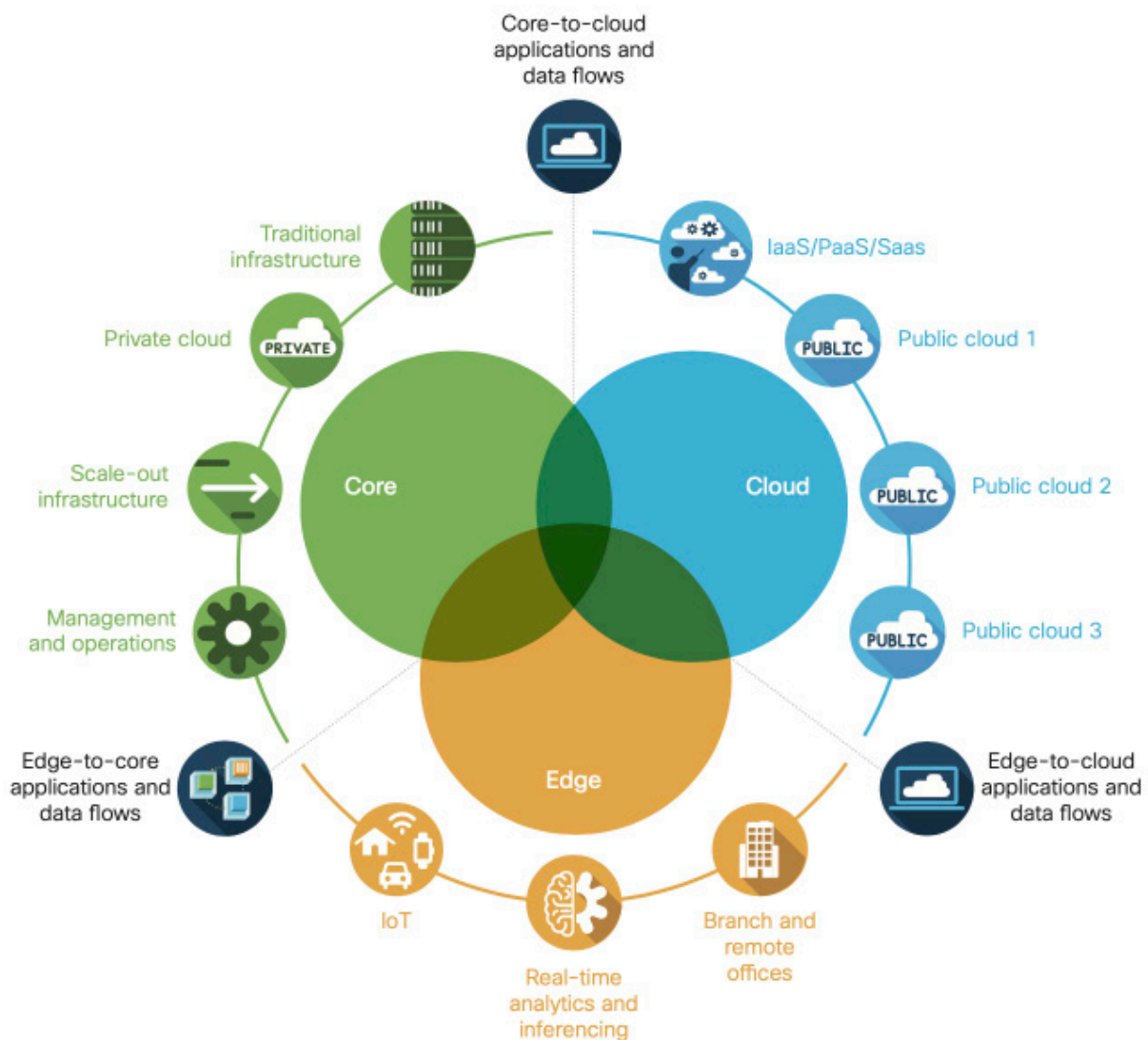
The most essential simplification of hyperconverged infrastructure is that it allows your IT team to access the entire system with a single user interface.



Features of Cisco HyperFlex:

Cisco Hyperflex includes features like:

- > **Complete Hyperconvergence** - HyperFlex unifies fabric network and computing technology in a next-generation data platform.
- > **Independent Resource Scaling** - Scale nodes, computing and capacity independently in HyperFlex clusters as needs change.
- > **Multisite Edge Deployment** - HyperFlex Edge can be deployed at any distributed scale with Cisco Intersight's cloud-based platform.
- > **Continuous Data Optimization** - Increase capacity use while maintaining performance with data deduplication and compression.



Value Proposition

Here's where you can get the numbers on HyperFlex's returns.

The Cisco HyperFlex platform is faster to deploy, simpler to manage, easier to scale, and ready to provide a unified pool of resources to power your business applications.

10:1 Reduction in Hardware

50:1 Reduction in Required Storage Capacity

When businesses switch to hyperconverged technology, they can see a **10:1 reduction in the hardware** required to run their applications and a **50:1 reduction in required storage capacity**. Cisco HyperFlex is designed to be as converged as possible to give you the best rate of return.




Cisco HyperFlex was rated “Best in Performance” by Enterprise Strategy Group, 2019

Cisco HyperFlex outperformed its competitors in **technical validations** in several categories:

- › OLTP Workload Response Time
- › Impact of Compression and Deduplication
- › Extrapolated Nodes Required for Increasing IOPS Levels

What BEAR Cloud Offers



This is good info if you're concerned about your IT team's workload.

When you partner with BEAR Cloud, you not only receive the power of Cisco HyperFlex, but also an expert team to manage it.

BEAR Cloud's experts can help you with:

- › **Consulting** - We can help you discover your current efficiency level weighed against other solutions. Our expert engineers will talk through processes, architecture, security and cost.
- › **Design, Integration and Implementation Services** - When you have decided to adopt a new solution, BEAR Cloud will work with you to design a plan of action aligned with your business goals and objectives. We will fully implement the service, including data migration, to get you operational.
- › **Ongoing Operational Support** - You can take the burden of managing these systems from your IT team. Our experts are trained specifically in HyperFlex solutions so that we can manage all aspects of the technology, proactively monitor and respond to situations as they arise.



Cost

Maintenance and managed services are typically charged on an annual basis. When you partner with us, we'll create a contract unique to you based on your business goals. Cost may vary, but you can typically expect to see:

INDUSTRY

Insurance

ESTIMATED COST

\$500K - \$1M

INDUSTRY

Financial Institutions

ESTIMATED COST

\$500K - \$750K

We always work with our clients to find the right services for their needs. To receive a quote, [book a consultation](#) with us.

How to Get Started and Next Steps

To deploy any application, in any cloud, anywhere, get started with BEAR Cloud. Here are the steps you'll need to take to start with HyperFlex:

1

Book a consultation
with BEAR Cloud

2

Let us assess your environment to determine the best solution.

3

Agree on bill of materials and a quote for services.

4

Agree on an implementation plan.

Take the first step today. Book a consultation with us.

[Book a Consultation](#)