

# Transform IT with Complete Hyperconvergence for Your Apps

The amount of data generated by new applications, technologies, and file formats is growing exponentially. Yet the infrastructure your business has adopted to improve data management has led to [mass data fragmentation](#), increasing IT complexity, costs, and compliance risk. In partnership, Cisco and Cohesity consolidate data and applications on an integrated hyperconverged solution that boosts your data visibility, protection, and use on-premises and in multi-clouds.

## Integrated Platforms: Hyperconverged meets Hyperconverged

The certified Cisco-Cohesity solution, integrating Cisco HyperFlex and Cohesity software on Cisco Unified Computing System (Cisco UCS®) using native snapshot APIs, puts your data to work. A [Cisco Validated Design](#) outlines deployment best practices for the complete, combined delivery of primary storage, workload hosting, and data management—starting with backups, extending to disaster recovery, testing and development, and analytics—within the single, unified architecture.

### KEY BENEFITS

- IT agility and TCO savings
- Faster, reliable, predictable deployment
- Flexible, pay-as-you-grow model
- Unified management—edge, core, and cloud
- More productive data for the business

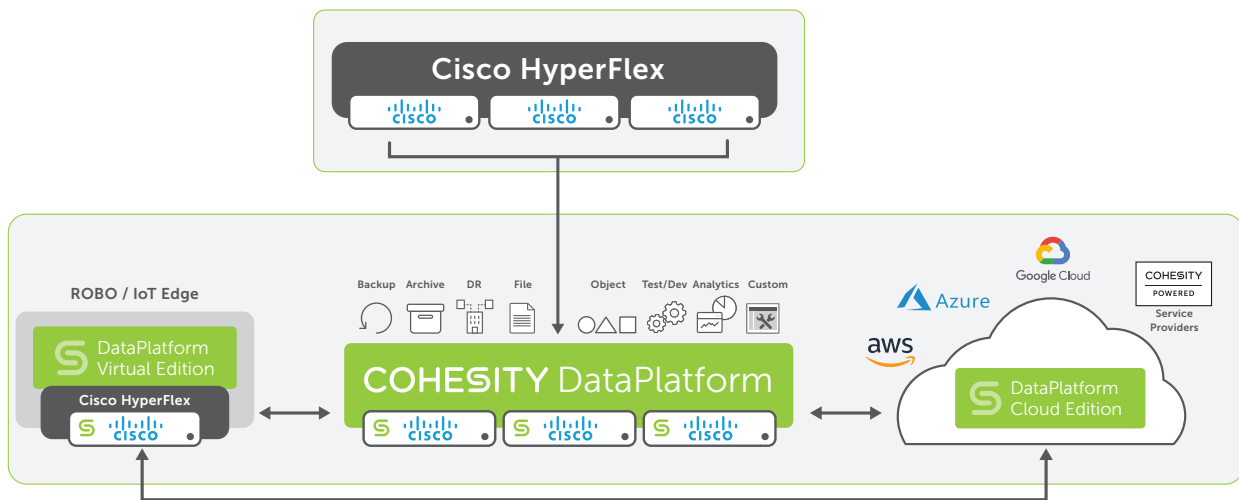


Figure 1: Transform IT with complete hyperconvergence from Cisco HyperFlex and Cohesity on Cisco UCS

### Boost IT Flexibility, TCO Savings and Data Productivity

The joint Cisco-Cohesity solution modernizes your data center and accelerates your journey to multi-cloud/hybrid IT:

- **Hyperconverged Simplicity** – Easily consolidate all of your data to simplify your data center infrastructure with Cisco and Cohesity. Adapt to changing workloads and requirements on demand. Streamline IT operations for all workloads with unified management. Reduce data protection costs by up to 70%. Deploy faster with a Cisco Validated Design.
- **Multi-Cloud Agility** – Achieve frictionless mobility for your data and apps. Move them seamlessly to—and access them from—edge, core, and cloud without bolt-on gateways. Take advantage of native integration with Amazon Web Services, Microsoft Azure, Google Cloud, and Cohesity Powered service providers. Easily unify, protect, access, and control your data everywhere at a significant cost savings compared to traditional alternatives.
- **Global Efficiency and Visibility** – Reduce data copies using industry-leading global deduplication across workloads. Eliminate forklift upgrades, disruptive downtime, and costly over-provisioning with a pay-as-you-grow model. Meet business SLAs with RPOs in minutes and near-instant RTOs. Gain global visibility for fast, easy file location and recovery, and quickly identify potential compliance violations for enterprise data on-premises and across clouds.

### Certified Cisco UCS Servers for Cohesity Software

Cohesity and Cisco have worked closely to certify the optimal Cisco UCS configurations to run Cohesity software for better protected, more productive data.

Model	C220-M5L (24 TB Node)	C220-M5L (36 TB Node)	C240-M5L (48 TB Node)	C240-M5L (120 TB Node)	S3260 (210/420 TB Node)
CPU	2 x Intel Xeon-Silver (2.0 GHz, 8-core)	2 x Intel Xeon-Silver (2.0 GHz, 8 core)	2 x Intel Xeon-Gold (2.6 GHz, 16 Core)	2 x Intel Xeon-Gold (2.6 GHz, 16 Core)	2 x Intel Xeon-Gold (2.1 GHz, 22 Core)
Memory	64GB DDR4	128GB DDR4	128GB DDR4	128GB DDR4	256GB DDR4
SSD	1 x 1.6TB NVMe	1 x 1.6TB NVMe	2 x 1.6TB NVMe	2 x 3.2TB NVMe	4 x 3.2TB SAS
HDD	3 x 8TB SATA (24TB Total)	3 x 12TB SATA (36TB Total)	12 x 4TB SAS (48TB Total)	12 x 10TB SAS (120TB Total)	21 x 10TB / 42 x 10TB SAS (210TB / 420TB Total)
Network	2 Ports 10GbE RJ45	2 Ports 10GbE RJ45	4 Ports 1GbE RJ45	4 Ports 1GbE RJ45	4 ports 1GbE RJ45
	4 Ports 10GbE SFP+ Cisco VIC 1455/1457	4 Ports 10GbE SFP+ Cisco VIC 1455/1457	2/4/6 Ports 10GbE SFP+ Cisco VIC 1455/1457	2/4/6 Ports 10GbE SFP+ Cisco VIC 1455/1457	2 Ports 10/40GbE SFP+/QSFP Cisco VIC 1300 SIOC2/1455

- Scale capacity non-disruptively as needed, starting with as few as three nodes and scaling-out linearly by simply adding individual node(s) to the cluster.
- For Cisco UCS S3260 populated with a single node, Cohesity supports 10TB drive with both half- and full-storage configuration options.

Streamlining purchasing, deployment and support, our certified solution is available in the Cisco SolutionsPlus program and directly from Cisco’s Global Price List.

Learn more at: [Cohesity.com/cisco](https://Cohesity.com/cisco)