If you rely on SAP applications, you need consistent IT infrastructure performance.

High performance is difficult to deliver when your SAP landscapes are siloed, sprawling, or running on outdated systems. Cisco HyperFlex™ systems allow you to simplify your SAP environments onto powerful, modernized hyperconverged infrastructure—and do it all at a lower total cost of ownership (TCO).

The solution

You need infrastructure that can adapt to match the speed of your business—whether you are deploying SAP applications locally or in containers in multicloud environments. With our platform, you can take advantage of hybrid, all-flash (with the option of Intel Optane technology in the caching tier), or all-NVMe (ideal for databases that work with your apps) configurations, an integrated network fabric, and powerful data optimization features that bring the full potential of hyperconvergence to your SAP applications. The result is a cluster that powers up and configures itself in an hour or less and is ready to accept your SAP applications, databases, and related workloads.

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Cisco HyperFlex for SAP Applications

Agile
Efficient
Adaptable
Consistent management across all sites

Cisco HyperFlex systems

- **Agile.** Get an end-to-end solution that helps streamline your IT infrastructure without disruption and supports SAP processes.
- **Efficient.** Always keep your data optimized and your infrastructure aligned with SAP ERP application requirements.
- **Adaptable.** Be ready for an expanding range of SAP applications.
**Ideal for SAP infrastructure modernization**

The SAP application solutions you thought required traditional converged architecture can run on higher performing hyperconverged systems that are easy to manage and less costly to operate.

Modernizing with Cisco HyperFlex systems boosts mission-critical SAP applications and databases. Simply deploy these innovative solutions and your applications and users will benefit from the impressive capacity and performance improvements across CPU, memory, disk, and system I/O, without disrupting your operations or established business processes.

**Accelerate SAP applications**

Cisco HyperFlex systems enable you to run your SAP application databases and applications on one platform and get predictable performance. All of the storage devices are combined into a single distributed, multitier, object-based data store that enables all cluster resources to participate in I/O responsiveness. A purpose-built, high-performance, scale-out file system dynamically distributes SAP applications data across the data store.

As you scale, every new and existing component contributes processing power and storage capacity for SAP applications and databases. Because every cluster resource can participate in I/O responsiveness, you experience faster results. The Enterprise Strategy Group tested Cisco HyperFlex systems using HCI Bench, an industry-standard testing tool. Months of baseline and iterative testing showed that our systems handled more IOPS with lower latency than other tested platforms. The result was a 3x increase in performance\(^1\). A second study showed that performance increased even more when using all-NVMe nodes (an additional 71 percent more IOPS and 34 percent lower latency)\(^2\).

**Operate efficiently**

With Cisco HyperFlex systems, your IT staff can:

- **Integrate.** A unified management API connects our systems into existing environments, operations processes, and higher-level management tools from Cisco and other vendors.

- **Simplify.** Whether your organization uses Oracle Database, Microsoft SQL Server, or SAP HANA, you can run your database and SAP applications on the same platform.

**Run applications with SAP HANA**

Cisco HyperFlex (with Intel Optane technology) is certified for SAP HANA. You can run your SAP HANA applications and HANA Database all on HyperFlex, allowing your administrators to manage the entire deployment through a single interface, further simplifying operations.

**Learn more**

- [Cisco HyperFlex Systems Solution Overview](#)
- [Cisco HyperFlex SAP Modernization Platform](#)

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