

Cisco HyperFlex for SAP ERP Applications



Agile



Efficient



Adaptable



Consistent Management
Across All Sites

If you rely on SAP ERP 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High performance is difficult to deliver when your SAP landscapes are siloed, sprawling, or running on outdated systems.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 enterprise resource planning (ERP) 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 ERP applications locally or in containers in multicloud environments. With our platform, you can take advantage of hybrid or all-flash configurations, an integrated network fabric, and powerful data optimization features that bring the full potential of hyperconvergence to your SAP ERP applications. The result is a cluster that powers up and configures itself in an hour or less and is ready to accept your SAP ERP applications, databases, and related workloads.

Cisco HyperFlex™
Systems with
Intel® Xeon®
Scalable
Processors



Cisco HyperFlex systems

- **Agile.** Get an end-to-end solution that helps streamline your IT infrastructure without disruption and supports SAP ERP 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.

“HyperFlex’s approach ensures high performance of Microsoft SQL and Oracle databases and critical applications with faster delivery of the environment, lower costs, and more effective management.”

Edivaldo Rocha
CEO, CorpFlex

CorpFlex supports 40 SAP ERP customers on Cisco HyperFlex systems.
Read the [case study](#).

Next steps

Call your Cisco sales representative or authorized partner to find out how Cisco HyperFlex systems can enhance your SAP ERP landscapes.

Learn more about Cisco HyperFlex systems with Intel® Xeon® scalable processors at cisco.com/go/hyperflex.



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Ideal for SAP infrastructure modernization

The SAP ERP 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 ERP 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 ERP applications

Cisco HyperFlex systems enable you to run your SAP ERP 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 ERP 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

handle more I/O—and handle it faster—than other tested platforms. The result: a 7-to-1 reduction in I/O operations per second (IOPS) variability and a threefold reduction in read/write latency.¹

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 ERP applications on the same platform.

Run applications with SAP HANA

Within a single Cisco UCS® management domain, you can create a landscape with SAP application servers running on Cisco HyperFlex systems and a database platform running on a Cisco UCS server that is a certified SAP HANA appliance. Administrators can manage the entire deployment through a single, familiar interface, further simplifying operations.

Learn more

To learn more about how Cisco and SAP work together to optimize IT infrastructure for SAP applications, read the [Cisco HyperFlex Systems Solution Overview](#) and visit the [Cisco HyperFlex SAP Modernization Platform](#) web page.

1. Source: Hyperconverged Infrastructure with Consistent High Performance for Virtual Machines, The Enterprise Strategy Group, Inc., 2017.