Epic on Cisco UCS®:
Helping Healthcare Providers Do More, Faster, and at a Lower Cost

Highlights

Improved Performance
Cisco UCS provides a next-generation platform so you can get the most out of Epic software solutions.

Increased Reliability
Cisco UCS follows Epic recommendations and guidelines to assure easy deployment and continuous reliability.

Reduced TCO
Standardizing on Cisco UCS can significantly reduce your infrastructure costs while driving better performance of Epic applications.

Industry-Leading Cisco Data Center Solutions for Epic Customers

Hospitals and other healthcare organizations often turn to Epic to provide electronic medical record (EMR) functionality. However, choosing the right platform for an Epic deployment or upgrade can be difficult. Quality patient care depends upon the availability and reliability of EMR data, yet healthcare organizations often face budget constraints that make platform selection a challenge.

Cisco and Cisco partners understand your organization's first priority is to delivery quality care. Aging data center infrastructures with low utilization rates and limited scalability lead to increases in overall costs. This can make it difficult to keep pace with competitive demands or achieve your goals for delivery of Epic applications. You need an infrastructure solution that:

- Delivers high availability for Epic
- Resolves increasing financial pressures
- Addresses the growing complexity of healthcare
- Meets new challenges from regulation and competition
- Allows for future growth without overspending on excess infrastructure at the outset

Using Cisco Unified Computing System™ (Cisco UCS®) to build your Epic implementation helps make your organization more efficient and effective by simplifying and automating the data center architecture and management. And Cisco UCS is built to meet today's demands while being ready to accommodate growth and future technologies as they become available.

Additional benefits of running Epic software on Cisco UCS include:

Multitenancy:
Support the increased needs of virtualized server environments ensuring safe multitenancy and quality of service.

Resource optimization:
Help reduce server counts and booth utilization while improving performance.

Agility:
Reduce complexity and costs, giving organizations greater agility to scale as needed.

Productivity:
Deploy quickly and speed Epic applications, greatly reducing login times and other user interactions.

Less hardware:
Experience up to a 8:1 ratio of server consolidation, 50 percent less physical storage, and 80 percent fewer cables.

Lower utilities:
Decrease operating costs with 25 to 50 percent lower power and cooling requirements.

Reduced TCO:
In terms of TCO, implementation and integration for Epic rollout, refresh, and expansion is reduced by up to 50 percent.

Cisco UCS provides the foundation for better patient care with Epic

Cisco has a strong business relationship with Epic and understands the rigors and complexities of supporting Epic's large application suite. Cisco UCS:

- Is included in Epic Hardware Configuration Guides for customers
- Aligns with Epic infrastructure recommendations and best practices
- Helps assure that your infrastructure can deliver critical patient information with maximum availability

Cisco UCS is built on leading technology to help customers meet Epic's stringent requirements for performance, including: Intel® Xeon® processors, VMWare® for server virtualization, Citrix or VMware desktop and application virtualization, Red Hat Linux for the InterSystems Caché® database, and storage solutions from leading suppliers.

For more than 20 years, Cisco has helped healthcare organizations improve their delivery of health services. The close alignment between Cisco UCS and Epic software furthers that goal, enabling organizations to provide better support to their clinicians and patients while also lowering the total cost of their infrastructure. This in turn enables you to deliver better patient care through increased uptime and responsiveness, greater scalability, and reduced costs.

Cisco UCS: The Platform of Choice for Healthcare Providers

Cisco is an expert in data center technology with its number one selling Cisco UCS, specialized implementation experience, and wide ecosystem of partners. The Epic on UCS reference architecture includes Cisco Nexus and Cisco MDS data center switches, and is built on best practices learned from working with Epic customers. Using the Epic on UCS architecture, data center designs can be individualized to align to your organization's specific needs while automating and orchestrating data center operations to reduce overall costs.

The modular architecture anticipates new product versions and upgrades, giving you a flexible, future-proofed approach to accommodate rapid growth or new versions of Epic software without forklift upgrades.

Cisco UCS is the industry's first unified data center platform, integrating computing, network, storage access, and virtualization in one cohesive system. The solution combines industry-standard x86 architecture and blade and rack servers with networking and enterprise-class management to reduce TCO and increase business agility. Cisco UCS Manager is a critical element of Cisco UCS that makes it possible to centrally manage the entire solution—whether you have one server or hundreds of servers with thousands of virtual machines. Using service profiles (software definitions of servers and associated connectivity), Cisco UCS Manager speeds infrastructure provisioning from days to minutes.

Next Steps/Resources

Learn how Cisco UCS can ensure predictable delivery of your mission-critical Epic applications:

· For more information about Epic on UCS solutions, visit www.demand.cisco.com/epic-on

· For more information about Cisco UCS, visit http://www.cisco.com/c/en/us/products/servers-unified-computing/product-listing.html

Epic Software on Cisco UCS: A Combined Solution You Can Trust

The performance and efficiency of Epic applications depend upon the resiliency efficiency of your organization's data center hardware and automation. In existing deployments, running Epic applications on Cisco UCS has repeatedly delivered lower costs and an early ROI. Along with potentially reducing power, cabling, support, licensing, and hardware costs, Cisco UCS can boost uptime and disaster recovery capabilities, leading to better productivity and long-term cost savings.

When supported by Cisco UCS, Epic's best-in-class software solutions give you unprecedented opportunities to run your clinical and business operations more efficiently while keeping pace with the changing demands of the healthcare industry.

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