

SUCCESS STORY

Healthcare



A U.S. Hospital System Wows Clinicians with Application Performance

PROBLEM SOLVED

To get out of the data center business and focus on patient care, this large healthcare system fast-tracked a major migration to a collocated infrastructure built on NetApp all-flash storage and NetApp HCI.

CLIENT OUTCOMES

Support for diverse workloads, the ability to scale compute and storage independently, and a clear data fabric road-map gave the growing health network a data infrastructure that is scalable and agile.



IMPROVED
**CLINICIAN
EXPERIENCE**

REDUCED IT EXPENSE
\$20M

“ Our IT department was in firefighting mode. We moved pretty rapidly—just with this one project—into an innovating and transforming mode.”

Associate CIO of a Western U.S. Healthcare System

With Epic Application Performance a Priority, New NetApp Data Centers Deliver Results

Millions of people in two western states depend on the hospitals and clinics of a major healthcare system for their health and well-being. And data is at the center of their care. The healthcare system uses the mission-critical Epic software for hospital management, a picture archiving and communication system (PACS) imaging platform, and Lawson enterprise resource planning (ERP) software.

The healthcare system’s IT department was presented with both an aggressive growth plan and a cost-cutting directive. Because the lease for a legacy data center was expiring, the team saw an opportunity to make a giant leap in performance and cost savings. In just 7 months, they were able to migrate

two data centers to a Flexential colocation facility and new NetApp solution for the data fabric.

Today, all mission-critical workloads have moved to NetApp® all-flash storage, and more than 750 other applications used throughout the network are running on 40 NetApp HCI nodes.

“We had no tolerance for not meeting the deadline and no tolerance for Epic going down. And it was like rowing a canoe while carving it,” the executive said. “The partnership was really key to getting it accomplished.”

The healthcare system has reduced its data center footprint and lowered costs by \$20 million dollars,

REDUCED FOOTPRINT

20X

EPIC APPLICATION REFRESH

**Reduced from
6 hours to 30 minutes**

while improving application performance.

Data center migrations often go unnoticed by end users. Normally, that's a good thing. The application performance gains of this migration were so significant that the executive received calls thanking the team for making their work easier.

The hospital system had only begun to meet the initial objectives to lower costs and improve performance when COVID-19 hit hard. Now the provider is depending on the new infrastructure to support rapid changes in workflows and new ways of working. As new care protocols, regulatory requirements, medications, and treatments were developed to address the outbreak,

Epic needed daily changes. The new development and production infrastructure is fast enough and scalable enough to support those rapid changes—sometimes updating in as little as 30 minutes.

“Our people were able to build in one day and put into production that night. They could build, test, validate, and release in a single day. That's where the speed of those environments is everything,” the executive said.

The new data center was also able to support 8,500 employees working from home and a 300% increase in telemedicine calls during the crisis. Although the future isn't known, the NetApp infrastructure can handle any challenge.

SOLUTION COMPONENTS

NETAPP PRODUCTS

NetApp AFF A300

NetApp HCI

FlexPod

Cloud Volumes ONTAP®

LEARN MORE

<https://www.netapp.com/us/products/converged-systems/hyper-converged-infrastructure.aspx>

 NETAPP.COM/CONTACT

+1 877 263 8277



+1 877 263 8277

netapp.com/contact

NetApp is the leader in cloud data services, empowering global organizations to change their world with data. Together with our partners, we are the only ones who can help you build your unique data fabric. Simplify hybrid multicloud and securely deliver the right data, services and applications to the right people at the right time. Learn more at www.netapp.com.

© 2020 NetApp, Inc. All Rights Reserved. NETAPP, the NETAPP logo, and the marks listed at netapp.com/TM are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners. CSS-7134-0720