THE UNIVERSITY OF
KANSAS HEALTH SYSTEM

About Customer

The University of Kansas Health System specializes in treating complex medical conditions. With more than 80 campuses in the Kansas City metro area, the health system provides life-saving treatments to patients with the highest level of care.

www.kansashealthsystem.com

Geo

North America

Industry

Healthcare

Solution Area

Accelerate Core Applications
Modernize Data Protection

Products in Use

FlashArray//X™
FlashArray//C™
Evergreen//Forever™
Pure1®

Expanding Boundaries of Medical Innovation

The University of Kansas Health System taps a unique blend of medical research and education to offer innovative treatments for patients with serious conditions. Its physicians—who are also researchers and educators—rely on IT to power these breakthroughs.

In 2015, the health system information technology team took a chance with a market disruptor, selecting Pure Storage for its Epic electronic health record (EHR) systems. The health system has since grown, and so has its Pure footprint, delivering uptime, performance, and scalability across the health system while supporting a robust data protection strategy to protect against cyberthreats.

> "Our goal was to never worry about storage again. Pure eliminates a lot of pain and gives us everything we want—maximum performance and flexibility, low costs, and peace of mind."
>
> **MIKE SCHLENK,**
> DIRECTOR OF IT INFRASTRUCTURE AND SERVICE MANAGEMENT, THE UNIVERSITY OF KANSAS HEALTH SYSTEM

A Vital Operation

The information technology team is helping to power IT that saves lives—whether for patients in the hospital, or in the academic medical center where new treatments are discovered. They believe in investing in technology that helps improve outcomes and efficiency.

Impact on The University of Kansas Health System

Accelerates access to critical patient data and breakthrough research

Minimizes disruption to life-saving work in the event of a cyber attack

Empowers physicians, researchers, and developers to innovate at pace

Challenges

Meet performance bar
for Epic EHR system

Database recovery
time put hospital at risk
if cyber attacked

Efficiently manage growing
patient and research data

Results

**93% reduction in time
to run Epic reports**

**Slashes database recovery
time to minutes, instead
of days or hours**

**Scales seamlessly, with
no disruptions at a low
cost of ownership**

Recognizing that storage technology was changing rapidly and that demands on the IT infrastructure would increase sharply in the years ahead, they wanted a foundation to build on—to support growth, and to handle future threats and opportunities. Performance, cost, and ease of management were top considerations.

Epic Performance Gains

Hospital IT leaders Mike Schlenk and Bill Young were initially skeptical about Pure until proof-of-concept results were in. "With Pure, we were able to reduce costs and increase the number of Epic performance benchmarks," says Schlenk, director of IT infrastructure and service management.

Today, Pure underpins important elements of hospital operations. Pure Storage® FlashArray//X arrays support Epic Caché and SQL databases as well as 100 ancillary applications. Database recovery time went from days or hours to just minutes, and Epic reports run 93 percent faster. The University of Kansas Health System uses FlashArray//C for less-demanding, virtualized jobs and as a backup target.

Pure is also central to the health system's data protection strategy. "Ransomware attacks are rampant in healthcare, which is an all-day, every-day business," says Young, health system server and storage assistant director. "SafeMode™ snapshots give us fast access to immutable backups, providing valuable layers of data protection to ensure maximum data availability."

The ability to minimize disruptions also worked in Pure's favor. "The Evergreen//Forever subscription enabled us to do several software updates and upgrade controllers seamlessly," says Young. "No one ever notices."

Leading in Caring and Discovery

With new health system initiatives always underway, application administrators and developers can spin up database copies quickly using Pure snapshots, speeding innovation. And Schlenk and Young can keep a watchful eye on their growing environment using Pure1 while reducing the data center footprint from five racks to half a rack.

"Our goal was to never worry about storage again," says Schlenk. "Pure eliminates a lot of pain and gives us everything we want—maximum performance and flexibility, low costs, and peace of mind."

purestorage.com

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Uncomplicate Data Storage, Forever