

Healthcare

# Empowering clinicians with faster insights to deliver **top-quality healthcare**

A hospital in Utah

A Utah hospital reduces response times for critical systems dramatically with Lenovo ThinkSystem storage, helping clinicians deliver outstanding patient care round-the-clock.



Lenovo

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## **Who is this Utah hospital?**

This hospital in Utah provides high-quality healthcare services. Established decades ago, the hospital maintains state-of-the-art facilities, provides telemedicine services and administers off-site clinics.

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## The Challenge

This Utah hospital draws patients from all over the U.S for specialist treatments. With people traveling significant distances, clinicians strive to admit and treat patients as efficiently as possible, while providing a warm, caring service.

For many admissions, doctors request diagnostic tests, and every day large volumes of new medical images are captured and stored, then called up as clinicians make their diagnoses. However, the hospital's legacy IT system was struggling with the workload, with staff often having to wait minutes for a response. The organization saw an opportunity to empower clinicians with the insights they needed faster by addressing latency and reliability issues in its data storage infrastructure.

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“People from all over the U.S. come to our hospital. We need to work extra hard to ensure our clinicians have the right data at their fingertips so we can serve them with high-quality healthcare round-the-clock.”

**Spokesperson**

A Utah hospital

# Tailored treatment in seconds

The hospital undertook a radical rethink of its IT infrastructure based on a high-performance storage area network (SAN) architecture.

A spokesperson at the hospital explains: “This was our first time purchasing Lenovo technology. We were convinced by the industry-leading operating system and wealth of storage options. Also, the Lenovo solution is expected to last seven to eight years—other manufacturers couldn’t compete with that.”

## Hardware

Lenovo ThinkSystem DM5000F  
Lenovo ThinkSystem DE4000F

## Services

Lenovo Advanced  
Deployment Services  
Lenovo Warranty Upgrade

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“The performance and capabilities of our IT infrastructure are like day and night compared to how they were before we deployed Lenovo.”

**Spokesperson**

A Utah hospital

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## Results

Empowering clinical staff with faster access to test results, medical images, and other data, Lenovo technology helps the hospital to continue to raise the standard of care it delivers. Clinicians can spend more time focusing on patients, enabling the personal touch that inspires people to return from miles away. Moreover, by accelerating hospital admission and treatment processes, the hospital is expanding its total throughput, increasing revenues, and offering its care services to more U.S. citizens.

- ✓ Reduced response times drastically, delivering medical insights to clinician sooner
- ✓ 100% system availability prevents interruptions to healthcare delivery
- ✓ Enabled cost-effective scaling, supporting the hospital for years to come

# Always there for patients

In contrast to the hospital's legacy IT infrastructure, the Lenovo solution has delivered 100% availability since deployment, avoiding interruptions to healthcare delivery. The SAN architecture is designed to enable continuous data backup, augmenting the hospital's cyber-resiliency measures.

"The worst-case scenario is a cyber-attack that causes the hospital to be put on divert, since we're the only hospital for miles around and many patients have already travelled hours to get to us," says the spokesperson. "Thanks to Lenovo, we've dramatically reduced the risk of that happening, which is a great load off our minds."

The hospital can now scale its storage infrastructure cost-effectively, helping it to accommodate growing patient numbers. The spokesperson comments: "We've gained the ideal storage infrastructure to support us as we continue to raise our profile nationwide."



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“As a rural hospital, we’re sometimes overlooked by the big technology vendors. We haven’t felt that for a second with Lenovo. With their help, we’re harnessing powerful, cost-effective technology to deliver patient-centered care that brings people to our doors from all over.”

**Spokesperson**

A Utah hospital

# Why **Lenovo**?

Lenovo was the only vendor that offered the hospital the chance to see its technology in action through a proof-of-concept exercise. The organization was also impressed by the attention and dedication provided by the Lenovo team.

“Deploying Lenovo technology stepped up our IT environment significantly,” remarks the spokesperson. “But perhaps even more importantly, there is a team behind the technology that’s always available to us, who are invested in seeing the hospital flourish.”



# How can hospitals provide stellar, cost-effective care?

Working with Lenovo, a Utah hospital delivers medical insights to clinicians sooner and more reliably.

[Explore Lenovo Storage Solutions](#)