

## Solutions Case Study

# THE UNIVERSITY OF KANSAS HOSPITALS

KANSASHEALTHSYSTEMS.COM

### INDUSTRY

Healthcare

### SOLUTIONS IMPLEMENTED

LighteEge Colocation, Private Suite

THE UNIVERSITY  
OF KANSAS HOSPITAL

## BUSINESS CHALLENGE

The University of Kansas Hospital was in need of a new Data Center facility. Improving where and how the new systems would operate was vital for the organization in order to avoid ongoing costly outages. The hospital's current Data Center facility was located on their campus, which did not allow for geographic redundancy from its second, offsite Data Center located just five miles away. In addition to not being geographically redundant, the second facility was out of space.

The building that the Data Center was located in was not a purpose-built facility, which led to several outages that impacted the hospital in various ways. In order for The University of Kansas Hospital to maintain its enterprise-class status, it was time for them to start treating their Information Technology system the same way. Rather than just fixing problems that came up, they were ready to invest in an elite Data Center facility that would support their top-notch practices going forward.

**"The stability and flexibility that we have achieved by moving to LightEdge has freed capital and resources allowing us to stay ahead of technology changes, patient needs and our competition."**

— Sean Roberts,  
Systems Director,  
University of Kansas  
Hospital



## SOLUTION

After several years of analyzing the cost of outages at their current facility, The University of Kansas Hospital issued an RFP for their Data Center services. The hospital wanted LightEdge to submit a proposal and chose LightEdge to be their private suite & technology partner for a number of reasons:

- The LightEdge SubTropolis Technology Center facility “tornado-proof”, geographically redundant from the hospital’s other facility, and supports their enterprise-class organization.
- LightEdge was able to deliver a Private Data Center Suite in a multi-tenant facility to allow for operational flexibility, security and controls the hospital desired at a cost that would be unachievable had they built their own Data Center.
- As a healthcare provider committed to the most stringent patient information protection, LightEdge’s ability to demonstrate HIPAA compliance, SSAE certification, ISO 27001 defined process management, along with other vital certifications, was mandatory.
- A facility that offered network connectivity choices, like SubTropolis Technology Center, through its dedicated Meet Me Room with all top carriers providing fiber to the facility.
- A facility with an advanced Private Data Center Building Management System, which is a foundational component of SubTropolis Technology Center.
- A partner with the financial backing to ensure long term stability & the option for capacity expansion.

From implementation to delivery, The University of Kansas Hospital’s overall experience with LightEdge was very positive. It was vital that the transition to this facility was smooth, and there was no downtime in the process. LightEdge provided its expertise and project management skills to help ensure this transition was achieved with zero downtime to the hospital’s critical systems.

### LIGHTEGE FAST FACTS

- ▲ At 31.3 percent, Iowa has the largest share of wind-generated electricity than any other state.
- ▲ LightEdge has a fiber backbone connecting all of our data center facilities.

### WE CAN HELP YOU, TOO, IF...

- ▲ You require the scalability and stability of a UCS platform
- ▲ You want the security of an active/active Disaster Recovery environment

## The University of Kansas Hospital Overview

The University of Kansas Hospital is a world-class academic medical center and destination for complex care and diagnosis.

They are able to offer expanded options for patients with serious conditions due to their expertise and leadership in medical research & education. Their physicians act as researchers and educators to expand the boundaries of medical knowledge, and discover breakthroughs for life-changing treatments and technology of the future.

To learn more, visit [www.kumed.com](http://www.kumed.com).

## LightEdge Overview

LightEdge offers a full stack of best-in-class IT services to provide flexibility, security, and control for any stage of a customers’ technology roadmap. Our solutions include premier colocation across seven purpose-built data centers spanning Des Moines, Kansas City, Austin, Omaha and Raleigh, industry-leading private Infrastructure as a Service (IaaS) and cloud platforms, and the top global security and compliance measures.

Our owned and operated facilities, integrated disaster recovery solutions, and premium cloud choices make up a true Hybrid Cloud Solution Center model.