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St. Luke's Secures Millions of Patient Records from Cyber Threats

St. Luke's UNIVERSITY HEALTH NETWORK

PRODUCTS

- Enterprise Data Protection
- Cloud Data Protection
- Cloud Cluster
- Anomaly Detection
- Sensitive Data Monitoring & Management
- Threat Hunting

CHALLENGES

- Healthcare is the #1 vector for cyber attacks
- Cyber threats cripple IT and scare patients into taking healthcare elsewhere
- Lack of data security with costly legacy technology

RESULTS

- 2.5PB of data secured and protected
- Millions of patient records secured and protected
- 73% cost savings over three years
- Integration with Microsoft Sentinel & Azure

> **"We have 2.5PB of data and about millions of patient records in our environment we have to secure every day. Cyber resilience to St. Luke's is absolutely crucial to ensure that we have the right security foundation. Moving to a system like Rubrik that was much more dynamic and integrated with our environment was essential for us."**
>
> – David Finkelstein, CISO, St. Luke's

St. Luke's University Health Network (St. Luke's) is a non-profit organization that provides healthcare services for 80,000+ patients and 340,000+ ER visits every year across 14 campuses and 300 outpatient sites. Part of St. Luke's commitment to providing high-quality care for its patients, is ensuring the cyber resiliency of their operations and the security of patient data. "Healthcare is the number one cyber attack vector in the world. Having partners like Rubrik and Microsoft dedicated to cyber resilience makes it easy to feel safe about our data," stated David Finkelstein, Chief Information Security Officer, St. Luke's.

St. Luke's cares for hundreds of thousands of patients every year with 2.5PB of data and millions of patient records they need to secure every day, "The impact of a cyber attack would simply shut us down," explained David. Cyber recovery simulations have shown it would take months to recover and millions in loss if they were hit with ransomware, in addition to patient care being severely hamstrung. "Resiliency is the only way we are going to survive. As we were evaluating data security solutions, Rubrik checked all the boxes for us," he continued.

"With Rubrik, we have the ability to recover within minutes or hours as opposed to months. Threat Hunting and Anomaly Detection alert us of real-time changes in our environment so there is never a question about the integrity of our data. We have confidence in our data security night and day," said Paul de Vries, Sr. Systems Engineer, St. Luke's.

RUBRIK AND MICROSOFT – THE BACKBONE OF ST. LUKE'S DATA SECURITY STRATEGY

Epic is St. Luke's patient access and medical records system that houses their crown jewels – sensitive patient data. "Our systems, particularly Epic, need to be on 24×7×365. In order to ensure our data is available at all times, we decided to migrate Epic from our on-prem data center to Azure. It's a herculean effort but the reason we were able to take the leap, as one of the very first healthcare institutions to move to the cloud, was thanks to Rubrik," David explained. By leveraging Azure, St. Luke's is able to take advantage of the flexibility and economics of the public cloud by scaling enterprise applications up or down depending on demand.

"Not to mention, Rubrik's integration with Microsoft Sentinel is a game changer for us. Our cybersecurity team uses Sentinel to monitor for threats in our environment. This integration allows them to have a single pane of glass, allowing them to be more proactive," Paul said. "Our patients trust St. Luke's with their healthcare. We want to safeguard their data in every way we can, which is why we use Rubrik to protect us in the midst of prevalent cyber threats."

Since moving away from their legacy vendor to Rubrik, St. Luke's has seen a 73% TCO savings in the span of three years. "Rubrik's enhanced security features, integration with Microsoft and the cloud allow me to confidently tell the board that we have selected a partner that allows us to be resilient while also being a lot more cost-effective, ultimately enabling us to better care for our patients," David concluded.

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