

Jefferson Serves 4.5M Patients a Year without Disruption and Migrates Epic to the Cloud with Rubrik

"Our mission is clear: to improve lives. As a nonprofit organization, patient safety must come first, outweighing all other considerations. Rubrik is a strategic enabler for us to carry on our mission, day in and day out."

 **Mark Odom** | Chief Technology Officer & Chief Information Security Officer, Jefferson



CHALLENGES

Mark Odom, CTO & CISO, leads large-scale digital transformation across Jefferson, one of the nation's largest and most diverse healthcare systems that includes two universities, 11 colleges, a health plan, 32 hospitals, and a large research contingency. After experiencing multiple mergers and acquisitions that resulted in unscalable costs from tape infrastructure, Jefferson sought a 'best of species' technology that would transform the status quo and provide a secure, resilient, and cost-effective data security strategy in response to:

- 1 Manual processes across five disparate data protection tools—Commvault, Veeam, Dell EMC, IBM TSM, and NetBackup**
- 2 Aggressive budget cuts requiring strategic investment in technology and security to yield maximum value without sacrificing Jefferson's commitment to research and excellence**
- 3 Ability to migrate all Epic workloads to Azure within 12 months, per a board-mandate**

OUTCOMES

Collaborating with Rubrik enabled Jefferson to achieve:



60% Faster Recovery

Of business-critical Epic EMR system



Consolidation of 5 Legacy Tools & Tape

Into one modern data security platform



Full Migration of 9PB of Epic EMR system to Azure

Within 12 months



800+ Applications





With sensitive data and research IP that are air-gapped and immutable



BACKGROUND

Jefferson is a leading non-profit regional health system, health plan and university, delivering comprehensive care while advancing its mission to "improve lives" through innovation, education, and discovery. Known for its flagship Thomas Jefferson University Hospital, Jefferson combines advanced clinical care with academic medicine, research, and community outreach.

COMPANY DETAILS

-  **Healthcare**
-  **AMER | Philadelphia, PA**
-  **\$16B Annual Revenue**
-  **68,000 Nurses, Practitioners, Faculty**

A 'Best of Species' Data Security Platform

By leveraging Rubrik's single, SLA-driven platform, Jefferson can automate BCDR while achieving near-instant recoveries in the event of ransomware. Out-of-the-box RBAC integrates seamlessly with Active Directory, enabling teams to manage and monitor data across all hospitals, universities, and research sites through a single interface. This streamlined environment not only frees up IT resources but also simplifies compliance reporting for audits and stringent healthcare regulations like HIPAA and HITECH.

TRANSFORMATION WITH RUBRIK

An Epic Transformation


Under a board-level mandate to migrate all Epic workloads to Azure within 12 months, Odom was tasked with ensuring secure, resilient, and cost-effective data security across various environments, including hospitals, universities, a research contingency and a health plan

To guarantee the continuous availability of Epic, Jefferson's EMR system, Odom evaluated over 800 applications across its environment, establishing a tiering system to prioritize mission-critical workloads for rapid recovery.

"Ensuring that Epic is always available is a complex challenge," Odom explained. "Epic is the heart of our business, encompassing numerous modules and interconnected systems. So when we say that Epic needs to be up, we are referring to the tier one, core elements that support patient care, including laboratory and radiology systems – each of which has specific timelines to be brought offline and back online."

Given the diverse range of users within the organization, Odom noted the importance of prioritizing systems based on patient safety: "In discussions with researchers, it can be challenging to convey that although their work is critical, it may not take precedence over immediate patient needs. When patients are in surgery, for instance, their safety and care is our primary focus." He emphasized, "While revenue generation is essential, Jefferson's mission is clear: to improve lives. As a nonprofit organization, patient safety must come first, outweighing all other considerations."

"Epic is the heart of our business, encompassing numerous modules and interconnected systems. With Rubrik, we were able to migrate our entire Epic system to Azure within 12 months, with robust security controls in place."

 **Mark Odom** | Chief Technology Officer & Chief Information Security Officer, Jefferson



PRODUCTS & SERVICES



**Enterprise
Data Protection**



**Cloud Native
Protection**



**Unstructured Data
Protection**



Rubrik Cloud Vault

ABOUT RUBRIK

Rubrik (RBRK), the Security and AI company, operates at the intersection of data protection, cyber resilience and enterprise AI acceleration. The Rubrik Security Cloud platform is designed to deliver robust cyber resilience and recovery including identity resilience to ensure continuous business operations, all on top of secure metadata and data lake. Rubrik's offerings also include Predibase to help further secure and deploy GenAI while delivering exceptional accuracy and efficiency for agentic applications. For more information, please visit www.rubrik.com and follow [@rubrikinc](https://twitter.com/rubrikinc) on X (formerly Twitter) and [Rubrik](https://www.linkedin.com/company/rubrik) on LinkedIn.