Northumbria Healthcare Elevates Cyber Resilience with Rubrik

NHS
Northumbria Healthcare
NHS Foundation Trust

INDUSTRY
Healthcare

CHALLENGES
- Needed to protect growing cloud workloads in M365 suite

- Previous solution lacked cyber attack recovery capability, leading to low confidence.

- Disaster Recovery Tests were difficult

- Increasing need for digital healthcare solutions and protecting sensitive patient data

RESULTS
- SaaS Data Protection and Cloud Native Protection enabled

- Faster Recovery Times, down from hours to minutes

- Ability to complete end-to-end disaster recovery exercise in about 90 minutes

- Secured backup environment with anomaly detection against threats

PRODUCTS DEPLOYED
- Rubrik Security Cloud
- Cloud Native Protection
- SaaS Data Protection for M365

Northumbria Healthcare NHS Foundation Trust serves over 500,000 patients annually across northeast England. With 12,000 employees across six hospitals, Northumbria Healthcare relies on a robust IT infrastructure to power its digital healthcare solutions and safeguard sensitive patient data. Northumbria Healthcare's commitment to providing high-quality uninterrupted healthcare necessitates a reliable and secure IT environment that can withstand various challenges, including cyber threats and data loss incidents.

"Rubrik brought our two teams closer together, allowing us to better prepare for and mitigate potential cyber threats. The integration of infrastructure and security functions has fostered a more proactive approach to threat management, enhancing Northumbria Healthcare's overall security posture."

Dave Elliott
CIO at Northumbria NHS Foundation Trust

CHALLENGES

In an industry where system downtime can have life-threatening consequences, ensuring the availability and protection of critical healthcare data is paramount. Northumbria Healthcare's legacy backup solution could not keep up with the growing data volume or operate at the speed required for patient care.

As a leader in the cloud transformation across the NHS system, Northumbria Healthcare needed a comprehensive cyber resilience strategy.

After evaluating multiple backup providers, Northumbria Healthcare chose Rubrik for its inherent data security features, immutability, cloud integration, and ability to replicate data for disaster recovery purposes. Following the UK Government and DHSC's advice by treating the cyber threat to healthcare as 'When', not 'If', only Rubrik provided an additional layer of security against ransomware and other cyber threats that directly enabled the rapid response and recovery of critical systems, providing significant benefits that minimise the impact of cyber events to patient services.

"With Rubrik, we can get our systems back up in literally 5 minutes instead of hours," explains Arran Turner, Head of Cloud & Infrastructure. "Rubrik was a game-changer for us. It gave us peace of mind knowing that our

backups were protected against ransomware and other cyber threats. And with Rubrik Security Cloud, we could easily protect our on-premises and cloud workloads from a single platform."

This rapid recovery capability is crucial for maintaining the continuity of healthcare services and minimizing the impact of potential disruptions on patient care.

SOLUTIONS

With patient confidentiality and data security being of utmost importance, Northumbria Healthcare needed a solution that could not only protect their data estate but also provide robust security measures and true cyber resilience.

"During our recent disaster recovery exercise, we were able to spin up our entire patient record system in an isolated environment within 90 minutes—something we've never been able to achieve before," Arran explains.

RSC's security features such as Threat Hunting and Anomaly Detection have also strengthened Northumbria Healthcare's cyber resilience, enabling closer collaboration between the IT and security teams.

The IT team saw a significant increase in productivity and confidence knowing they had reliable data protection and disaster recovery tools in place. "Rubrik has massively improved our lives," concluded Turner. "It gives us peace of mind and enables the team to get on with their day-to-day jobs, knowing our data is safe."

Rubrik's Cloud Native Protection for Azure workloads is a cornerstone in Northumbria Healthcare's digital transformation and cloud adoption strategy, offering crucial data protection while delivering cost savings through storage tiering capabilities. Simultaneously, Northumbria Healthcare benefits from Rubrik's SaaS Data Protection for M365, ensuring comprehensive protection of critical data within its Microsoft 365 environment.

With Rubrik, Northumbria Healthcare has complete cyber resilience, able to quickly recover data and systems critical to patient care, coupled with the innate security features that ensure the protection of sensitive patient information and the continuity of critical healthcare services.

"Rubrik has become vital for us to have that assurance that the data is going to be there should we need to recover it. We want a product that just sits there, behaves itself, and does its job without requiring constant troubleshooting and enable Northumbria to exceed the evolving standards NHS organisations need to meet, such as the CAF aligned DSPT."

Arran Turner
Cloud and Infrastructure Manager at Northumbria Healthcare NHS Foundation Trust