Community Hospital Implements Cohesity for Hyperconverged Data Management

COMMUNITY HOSPITAL
Advanced care. Always there.

INDUSTRY
Healthcare

USE CASES
Backup and Recovery,
File and Object, Dev/Test

SOLUTION PARTNERS
Nutanix

CHANNEL PARTNER
Converge One

Key Benefits

- Data management costs reduced by 40%
- Seamless native integration to leverage HCI across the board
- RTO reduced by six hours with reliable recovery and restore
- Scalable solution for future growth and additional file and object capabilities

Community Hospital is located in McCook, Nebraska and is a critical access healthcare facility serving patients throughout southwest Nebraska and northwest Kansas. The hospital offers surgery care, rehabilitation programs, obstetrics, emergency care, and has a wide range of visiting specialists. Community Hospital also manages two additional rural clinics, Curtis Medical Center and Trenton Medical Clinic.

Challenges

For many years, Community Hospital had a completely physical datacenter environment. Although Derek Sailors, Director of Information Systems, might admit the hospital was a late bloomer to virtualization, the organization has come a long way from its previous legacy environment. Several years ago, the hospital took a leap to adopt hyperconverged infrastructure (HCI) for ease of administration and a reduced footprint with Nutanix storage.

Sailors and his team were experiencing similar pain points when it came to its data management infrastructure. The existing Avamar solution was bulky and cumbersome, and restores were unreliable and not smooth to administer. Legacy solutions were complex, insanely expensive, and the IT team had to dedicate a good amount of time to training just to be able to manage a solution that was unreliable. To resolve issues, the company would have to rely on an IT technician traveling from as far as Mississippi.

Even for a small hospital, there is over 800 TB of data. With applications for Electronic Medical Records (EMR) and picture archiving and communications (PACS), Community Hospital relies on SAN storage to save large files like MRI images and CAT scans, along with all patient data that it saves indefinitely. The hospital needed a reliable and secure data management solution to move toward new technology like VDI, and to continue to ensure the best patient care.

With an Avamar renewal on the horizon, Community Hospital looked for a simplified solution to consolidate its footprint and resolve issues of backup and recovery.

> "Cohesity has transformed our entire environment to contribute toward excellent patient care. Even as a small facility, Community Hospital is a pioneer, adopting hyperconverged data management solutions that even large enterprises do not. Cohesity not only reduced our backup cost by 40%, but will position us well for future growth and scalability as we impact our mission to deliver regional healthcare excellence."
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> **Derek Sailors**, Director of Information Systems & Information Security Officer

Solution

After considering Commvault and Rubrik, Community Hospital chose Cohesity for its intuitive platform and superior solution. The IT team did a proof of concept with Cohesity and was immediately impressed by the seamless Nutanix integration and ease of management. From the start, a key benefit and differentiator was Cohesity's ability to right-size the environment to determine realistic needs for the organization. Community Hospital deployed Cohesity and is backing up over 300 VMs in Citrix, an Exchange server on-prem, as well as the majority of patient documentation, including PACS and three EMR applications.

Community Hospital is using Cohesity for test and development, and will eventually leverage additional capabilities for disaster recovery. In the next six months, the healthcare provider will also look at Cohesity for file and object services and distributed filing solutions.

Results

With Cohesity, the IT team can now focus on delivering optimal service to its users and the performance of healthcare applications, instead of spending the majority of its time on maintenance, training, and troubleshooting. A complete data management platform allows Community Hospital to save cost and time across the board.

Sailors explains, "For the price of a renewal, we deployed Cohesity and immediately decreased our datacenter footprint and our data management costs by 40%. By consolidating our data center, we saved significant cost on power and cooling. We do not fear having to replace Cohesity after several years or replacing a $500K system; we know Cohesity is a long-term scalable solution for Community Hospital."

Previously, backups took more than seven hours, and now are reduced to two. Cohesity's simplified platform is so intuitive any member of the IT team can administer upgrades or changes, and a unified HCI environment has simplified IT operations considerably. Restores are reliable and take just a few clicks, allowing the team to 'set it and forget it'. With a hyperconverged environment, the solution is aware of the entire environment and can determine what can and cannot be upgraded or added.

The IT team can leverage Cohesity for testing disaster recovery scenarios, as well as testing applications before they go into production. The IT team can train staff on a Cohesity snapshot instead of in live production for applications like help desk ticket tracking, and the IT team can prepare for DR scenarios such as tornados or wildfires.

Community Hospital realized many benefits with Cohesity including:

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COHESITY