



HEALTHCARE COMPANY IMPROVES APPLICATION RELIABILITY BY MOVING TO THE CLOUD

The nation's largest operator of micro-hospitals improves healthcare access for thousands of people living in underserved areas. Partnering with leading health systems across the country, they place provider services to the communities who need it most. Their 28 facilities have cared for more than 1.6 million patients and has more than 25 facilities under development.

CHALLENGE:

The organization's micro-hospitals' operation and medical applications had begun experiencing outages on a weekly basis. These application outages were preventing doctors from uploading patient notes into their internal systems. The applications resided in on-premise SQL and Windows servers in a data center that was over capacity. In addition to the outages, the on-premise servers placed them in a vulnerable security position, leaving them unable to scale as their business grew.

SOLUTION:

Catapult helped the organization to develop their urgent cloud migration strategy by concurrently addressing their multiple challenges. Catapult began with a CET assessment to help them understand the costs and benefits associated with moving to the cloud. In order to understand the scope of their current environment, an assessment tool gathered

data for multiple weeks. Due to the urgency of the situation, Catapult continued to move forward assessing other areas of their migration while scope data was gathered. Catapult concurrently conducted an Azure 3-2-1 security and compliance assessment to evaluate how to improve security in their future cloud environment, as well as an Azure Foundations workshop to properly architect their infrastructure to ensure high availability and set-up their Azure Disaster Recovery.

After completing all three assessments, the organization understood the cost of migrating their data center to the cloud and were confident that their new environment was properly set up to provide consistent uptimes, security and scalability. With this groundwork in place, they were ready to begin cloud migration.

Catapult implemented an Azure Express Route, a peer-to-peer system to quickly move information into Azure. In addition, Catapult developed a migration plan, complete with processes and protocols for moving their servers, so that the migration could begin. Catapult assisted the organization throughout the migration process and continues to manage their Azure environment.

RESULTS:

Since the fall of 2019, The organization has migrated their Linux, Windows and SQL servers from on-premise to 65 virtual machines running in an Azure environment.

- Dramatic improvement in uptime for critical applications
- Improved efficiency of operation at the micro-hospitals by ensuring medical applications were always available, reducing manual work
- Enhanced server security with data encryption
- Ensured HIPAA compliance by making certain data was secured properly in the cloud
- Reduced overall operating costs by eliminating on premise data center



How can we help you?

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