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CLIENT SUCCESS STORY

AWS CLOUD SERVICES

Challenge

A world-class medical center wanted to mitigate risks associated with a single legacy data center and implement a secure, highly effective redundancy solution. They also wanted to modernize their infrastructure to take advantage of recent innovations in healthcare, including cloud hosting of their electronic health record (EHR) and 100+ applications.

Solution

Cordea Consulting was initially engaged to provide advisory services for the selection of an EHR vendor. After the client chose Epic as their EHR system, Cordea provided consulting services to help the medical center choose a hosting solution for their EHR and applications. As part of the strategy, the center is moving to the cloud.

Results

With Cordea's support, the medical center is currently implementing an Amazon Web Services (AWS) hosting solution and preparing to migrate all legacy applications to the AWS cloud. As their implementation partner, Cordea is providing project leadership, cloud resources, and AWS and Epic services and expertise.

AWS and Epic Solutions

Project Overview

A major medical center located in the southeastern United States had one data center, which was located on the second floor of the facility. The absence of a secondary data center was a major concern. The medical center wanted to implement a secure redundancy solution, as well as increase business continuity and disaster recovery capabilities. They also wanted to reduce the footprint of the current data center and repurpose the space for revenue-generating clinical functions.



SOLUTION BENEFITS



Reduced Total Cost of Ownership (TCO) and Significant Ongoing Cost Savings



Enhanced Performance, Reliability, Accessibility, and Uptime



Business Continuity and Disaster Recovery



Data Security and Compliance



Improved Clinician, Staff, and Patient Experience



Flexible and Scalable Migration Over Time

Cordea Consulting was initially engaged to provide advisory services for the selection of an EHR vendor. As part of this engagement, the client chose Epic as their EHR system.

Next, Cordea conducted a comprehensive comparison of on-premises, Epic-hosted, and public cloud hosting options, as well as helped the client identify the most suitable cloud service provider. The assessment included a total cost of ownership (TCO) analysis with detailed explanations of the financial implications associated with each of the options.

The client is currently implementing an Epic EHR system that will be fully hosted on Amazon Web Services (AWS) Cloud. In addition, the medical center is leveraging AWS to host key applications used alongside Epic, including the interface engine and critical clinical applications. More than 100 legacy applications will be evaluated as part of an application rationalization effort and will be retired, replaced, or moved to the AWS cloud, as appropriate.

Cordea continues to be actively engaged with the client as an implementation partner, providing project leadership, a comprehensive suite of specialized cloud technical resources, and highly experienced consultants with expertise in AWS and Epic solutions.