

A Large Health System's Successful Epic Conversion and Archive

Organization

The organization is a locally owned and managed, not-for-profit healthcare system that features the strength of more than 900 members on its medical staff, more than 2,900 licensed nurses, and approximately 15,000 team members. The health system's network is comprised of 7 hospitals, physician practices, outpatient services and a free-standing emergency department.

Situation

This team constantly seeks to improve patient care with efforts that are physician-led, data-driven and evidence-based. One effort towards the organization's goal included the decision to move to Epic. This required the organization to develop and implement a plan to migrate data to Epic from existing applications, including a large Cerner Millennium instance and multiple eClinicalWorks systems. The team at Epic suggested Harmony Healthcare IT as a vendor to contact for the migration work and the organization ultimately selected Harmony Healthcare IT as its partner for data migration and archival.

Solutions

- Migration services
- HealthData Archiver®
- Single Sign-On
- MPI Backload and Synchronization
- HealthData AR Manager®

Organizational Profile

- 8 Hospitals
- Conversion Services to Epic
- Legacy Cerner & eClinicalWorks Systems
- Archive Implementations

Product & Key Features

HEALTHDATA ARCHIVER

- Single Sign-On
- MPI Backload
- MPI Synchronization

Scope and Results

Harmony Healthcare IT acted as the lead for solution design and consultation for the overall migration approach. Most of the work in the first year of the engagement was migrating data, totaling 6TB, from Cerner Millennium and multiple eClinicalWorks systems to Epic, the go-forward system. Harmony Healthcare IT successfully hit the organization's timeline of completing the data migration in less than one year.

Once the migration project was complete, the organization still had legacy data sitting in out-of-production systems. The organization decided to move forward with Harmony Healthcare IT's active archive solutions, HealthData Archiver® and HealthData AR Manager® (for accounts receivable data wind down). The data from Cerner Millennium and eClinicalWorks that did not get migrated to Epic is actively being transferred to the archive.

As a part of the health system's goal to continuously improve patient care, the organization opted to implement Single Sign-On integration with Epic. This integration eliminates the need for manual login by seamlessly connecting clinicians from Epic, in context, to the patient's historical medical record. Additionally, the organization is utilizing MPI services: MPI Backload links historical patient records to the MPI and MPI Synchronization uses criteria to match historical patient ID to the go-forward EHR, Epic, using a form of HL7 to link and unlink records as needed.

Next Steps in the Program

Harmony Healthcare IT and this organization continue to partner on migration and archival work, and they intend to archive additional systems beyond the Cerner Millennium and eClinicalWorks systems. This project has multiple phases across the health system sites in terms of when to start migrations and archives and when to take them live. Many projects run in parallel.

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As part of our EMR transition, the data conversion and archive were critical components to our success. Harmony Healthcare IT managed multiple projects, sometimes with changing requirements, and delivered the results we needed on time.

Client Team Member