

Data Activation for Interoperability

Enhance data exchange and sharing through APIs based on common industry standards.

As the healthcare industry continues to strive for broader interoperability, the importance of data integration projects for delivery connectedness in the form of data exchange and sharing is instrumental. Interoperability's goal is to coordinate the cooperative use of data across the care continuum to tell a patient's full health history.

Integrated Archive Benefits:

Reduced Data Silos

Consolidate multiple data sources by implementing an active archive for more efficient operational workflows and cost savings.

Improved Patient Care

Advanced active archive functions such as Secure Record Delivery to the go-forward EHR endpoint and Legacy Record Indicator save on time.

Seamless Integration

Enable secure data exchange between an active archive and the go-forward application through features like Single Sign-On (SSO).

Patient Identity Management

Robust Master Patient Index (MPI) and Identity Resolution for accuracy and enhanced data quality.

Beneficiaries of Data Integration:

- Healthcare Providers
- Clinicians
- Operations/Admin
- Laboratories
- Pharmacies
- Researchers
- Payers
- Suppliers
- Patients

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Integrations Available for HealthData Archiver®

Single Sign-On from EHR

Eliminate the need for manual login by seamlessly connecting clinicians from the active EHR, in context, to the patient's historical medical record. Available for most major EMR brands. OAuth/OpenID, Advanced Encryption Standard (AES), Security Assertion Markup Language (SAML 2.0) and other formats supported.

Legacy Record Indicator

Provides a visual cue in the EHR signaling when there are patient records linked in the active archive, HealthData Archiver® (currently available for Epic). This advanced feature empowers healthcare providers with immediate knowledge that a historical patient record is present, saving time and clicks.

MPI Backload

Link historical patient records to a Master Patient Index (MPI). This greatly reduces manual or fuzzy logic patient matching, thereby increasing patient context accuracy when accessing patient records via Single Sign-On and establishing a foundation for interoperability and future integration projects.

MPI Synchronization

After establishing the MPI foundation with historical records in HealthData Archiver®, update the historical patient ID with the go-forward EHR using a form of HL7 to link and unlink records when a merge or unmerge request has taken place, keeping both systems in sync.

Secure Record Delivery

The 21st Century Cures Act requires healthcare providers to provide extensive patient access to their electronic medical records. With Secure Record Delivery, enable the transmission of an archived historical patient chart to a designated EHR endpoint.

Third-Party Auditing

Ensure that archived data within HealthData Archiver® is monitored for unusual activity and compliance through an integrated third-party monitoring platform like FairWarning. The solution captures audit activity from login to logout so administrators can rest assured the privacy and security of protected health information is covered.

ODBC/JDBC Reporting API

Pre-define required reports as a part of the data storage planning process. Connect an ODBC/JDBC reporting, analytics, or business intelligence tool of choice (e.g., Crystal Reports, Qlik, Tableau, Microsoft Power BI, SAP), to make data dictionary and schema available to technical resources who then self-serve on-demand.

Data Export/Sharing

Export legacy data from HealthData Archiver® and share it with population health management applications, data warehouses, APIs, dashboard/visualization tools, HIEs, research teams, and more.

Application Programming Interfaces

APIs further enable interoperability in healthcare through clearly defining the calls, requests, formats and conventions that help software applications to build on the functionality of one another. Our developers work collaboratively with APIs of leading health IT vendors to ensure the secure exchange and accessibility of data.