



SOLUTION OVERVIEW

Robotic Process Automation for Legacy Data Migrations in Healthcare

For many healthcare organizations, up to 80% of their IT budget is spent maintaining legacy systems. These legacy systems contain data that is infrequently accessed, but that the organization is legally required to maintain. For example, in many states the retention guidelines for medical records dictate 7-10 years past the age of majority (21). This could mean for some patients the organization is required to maintain their records for up to 35 years. In these situations, organizations need to migrate the data to a lower cost platform and then decommission the legacy system.

Decommissioning legacy systems has obvious security, financial and operational benefits, however data migrations and system decommissioning activities are resource intensive and often times very costly. This leads many organizations to maintain their legacy systems indefinitely, putting personal healthcare information (PHI) and organizational security at serious risk.

The Challenges of Data Migration

Many enterprise clinical systems, like an electronic health record (EHR), rely on discrete data stores making migrating legacy data a complex undertaking for healthcare organizations. In many cases, a migration requires costly services engagements because application programming interfaces (APIs) and standards-based interfaces don't exist for the legacy system. In addition, many legacy systems operate on non-relational databases that are difficult or impossible for an organization's IT team to navigate.

From a viewing perspective, once the discrete data is migrated away from the source application, the organization is forced to rebuild the user experience so that clinicians and other end-users can access the data in a familiar way. This approach can hamper an organization's interoperability initiatives and hurts the data's long term integrity.

Kofax has a different approach designed to help increase the speed by which data is migrated out of a legacy system, while at the same time driving down costs.



Automated Migration With No Coding

With Kofax Kapow™ you can create an automated, repeatable migration process for legacy application. The Kapow robotic process automation (RPA) platform takes advantage of existing functionality and workflows within the legacy application, such as Release of Information and Print functions, to trigger the exporting of digital objects that can then be captured and migrated to a lower cost archive, such as Kofax Legacy Data Archive or Kofax Perceptive Content™. In addition, discrete data from the legacy system can be linked automatically to information in other systems, like the primary EHR or EMPI, making the legacy data available alongside your current information.

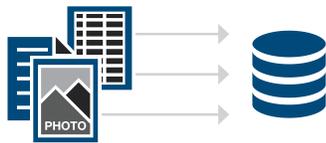
Benefits of Kofax Kapow for legacy data migrations

- ◆ Increase migration speeds by deploying many continuously running robots to migrate and validate content as it leaves the legacy system
- ◆ Lower the cost of migration due to the no-coding approach to data acquisition
- ◆ Reduce human error and human intervention by automating many of the resource intensive validation steps
- ◆ Integrate data from multiple systems to bring legacy data in line with primary clinical systems

Extract

Discover and Extract

Automatically access application records (documents, images, and other content types) and metadata



Transform

Automated Migration Workflows

- ◆ Transform and validate records and metadata
- ◆ Apply classification rules and permissions



Load

Seamless Load

Load information into a lower cost archive, such as the Lexmark Legacy Data Archive or Perceptive Content



What is Robotic Process Automation (RPA)?

Robotic Process Automation (RPA) enables you to create an intelligent digital workforce that works side-by-side with your employees to drive greater efficiency. RPA eliminates almost any manual, data-driven activity. Intelligent software robots comprising powerful and dynamic process flows automate the tasks that humans would otherwise perform, while complementing other automation platforms.

The Kapow robotic process automation and integration platform is the fastest and most efficient way to build intelligent robots that handle processing of information from virtually any application or data source, including websites, portals, desktop applications and enterprise systems—without any coding.

Kapow lets you quickly build, deploy and manage automated software robots that communicate bi-directionally across internal enterprise systems, web sites, web portals, desktop applications and other data sources, without requiring APIs and complex integration coding. The end result is that companies can automate virtually any front and back office process by simply deploying intelligent robots that mimic the actions of the user, while also applying business logic and rules along the way.

Features of Kofax Kapow

- ◆ Build sophisticated intelligent robots that automate specific data-driven activities, or develop custom solutions that encompass many robots
- ◆ Automatically publish robots with a standard Java, .NET, SOAP and RESTful interface which can be used to control robotic processes from external applications and remote systems
- ◆ Automate extraction and transformation of data from clinical applications, lab information systems, third party portals, insurance portals, radiology information systems, scheduling applications, ERPs and HR applications
- ◆ Automate process activities using intelligent rules-based robots that interact with enterprise applications like EHR, EMPI, ERP and ECM systems
- ◆ Adheres to IT standards and provides role-based security administration

