IBM `Information Management` software

ImageSource
ILINX® ECM Connect for EpicCare®

Partner Solution

- **Target Industry**
  Healthcare Providers

- **Business Applications**
  Electronic Health Records

- **Products**
  IBM FileNet Capture
  IBM FileNet Content Manager
  IBM FileNet Image Manager

Business Challenge

With the passage of the Health Information Technology for Economic and Clinical Health Act (HITECH Act), healthcare providers are expected to maintain electronic health records (EHRs). Monetary incentives and penalties are provided for in the HITECH Act with the federal government committing unprecedented resources to the adoption of EHRs. Incentive payments for doctors and hospitals that implement EHRs could be as much as $27 billion over the next ten years. Conversely, beginning in 2015, healthcare providers could receive financial penalties under Medicaid and Medicare if they are not using electronic records that meet federal standards.

These new federal requirements are prompting healthcare providers to implement programs that convert medical files into a digital format. However, some information in the medical environment is not generated by the electronic medical record (EMR) system – it comes from external sources and in a variety of formats. With unstructured information constantly streaming in, healthcare organizations require a method to capture and process that content and make it part of the electronic file. These organizations process hundreds of thousands of physical documents every month to support their medical records. These records not only need to be available digitally, but they need to be available directly through the EMR environment.

While the system provides the essential components for charting, patient tracking, lab results, etc., healthcare organizations still need a content management system to capture and process document-based data that is external to the EMR database and can accept a variety of forms, both paper and electronic.

Solution

ImageSource has developed a solution utilizing IBM FileNet Enterprise Content Management (ECM) to solve core content management needs in healthcare organizations. ILINX® ECM Connect for EpicCare® enables content to be captured and the images presented from within EpicCare, Epic's EMR software suite. A custom ILINX component seamlessly integrates EpicCare with IBM FileNet's Content Manager and Capture, as well as ILINX Capture.

ILINX ECM Connect for EpicCare scans, stores, retrieves and provides a central repository for electronic documents created, captured and received outside the EMR. It is important that the solution is user-friendly, provides comprehensive patient information from within Epic and allows users to stay in the familiar Epic environment for the capture process or when retrieving an image at any point. In order to move to a 100 percent electronic health record, healthcare organizations need both the EMR and content management pieces of the solution.

When contributing content, the user simply places the cards and forms on their desktop scanner and clicks the scan button within the Epic screen. Without having to open another application, ILINX Capture and IBM FileNet Capture are automatically launched, with available metadata pre-populated. The index values associated with the images are sent directly from the Epic system to the content server and the images are stored in IBM FileNet Content Manager. The automation greatly reduces the chance for error and minimizes the keystrokes required. At the completion, the correct patient information and associated images are available enterprise-wide directly from Epic.

The solution provides HIPAA and patient-level access at the different role levels, such as doctor, nurse, receptionist, etc. These roles each have different security levels, inherited from EpicCare. The system provides a central hub, connecting the various workstations to the proper security parameters.

Value Proposition

The combination of EpicCare and IBM Enterprise Content Management, provide healthcare organizations with a multitude of benefits. By integrating the two, users can access all information through EpicCare, without having to know how the backend content management system works. There is one point of access. Patients can be assured their information is kept confidential, because security parameters are inherited with the integration and privacy regulations are kept intact.

Healthcare organizations that are geographically dispersed can access the same information from one repository.   IBM's ECM software provides the infrastructure to facilitate content management for other business systems in the enterprise that may not be directly related to healthcare (purchasing, accounts payable, etc.) Having all content in one location allows health services organizations to conduct analytics on content and data, run an analysis on relationships between data and improve processes. Having a powerful enterprise capture tool and a content management system also assists in planning, submissions for Joint Commission, National Committee for Quality Assurance (NCQA) and other accredited organizations, applying for Certificates of Need, and providing more managed content for risk management and litigation. With the ability to capture inbound structured and unstructured content, healthcare organizations can eliminate unnecessary paper, keep patient files completely electronic and meet the requirements for federal regulations.

Company Description

ImageSource is a leading provider of Enterprise Content Management solutions for business. We specialize in providing consulting, integration, development, training & support for document and information management systems. The ImageSource ILINX product suite provides integral functionality, extending the capabilities of your hardware and software. ILINX makes your technology more powerful.

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