Unisys Infolmage
High performance managed content

Unisys Infolmage is an Enterprise Content Management (ECM) platform targeted to Transactional Content Management and is ideally suited for applications that involve high document volumes arriving as paper, internet transactions or as content files from business partners. Once captured, the content can be processed and managed through comprehensive workflow and accessed by automated and manual processes.

Unisys Infolmage brings together ECM, imaging, workflow, document management, internet technologies, mobile technologies, and integration methods to form an integrated end-to-end solution suitable for a wide range of industries and applications. Infolmage installations can support tens of thousands of users, and can process hundreds of thousands of new content items and transactions per day.

Infolmage can easily capture, manage, store, and access many content types, regardless of data structure or document origination, all with an intuitive user interface. Digital content can be stored, including PDF and TIFF files and Microsoft Office files (Word, Excel, PowerPoint).

Infolmage Scan Manager performs image capture, bar code recognition, and indexing. Infolmage also supports 3rd party scanning solutions to meet other and more comprehensive document capture business requirements. The system supports field-based and full text OCR, indexing and search, providing search methods for both unstructured and structured content.

Once in digital format, documents can be stored, archived, and easily retrieved using traditional desktop clients such as the Client Work Manager, and thin clients such as eWork Manager.

Infolmage also supports a fully-featured Mobile Client on the Apple iPad and other mobile devices, allowing document retrieval by query search or retrieval and access from workflow queues, as well as capturing images and creating new content items.

Infolmage is integrated with Microsoft SharePoint to both serve as a content repository and a user interface. This capability combines Infolmage transaction processing solutions with the collaboration, content, and portal functionality of a SharePoint environment.

The open architecture of Infolmage Storage Manager supports a range of options for the archive, including a secure Storage Area Network (SAN), content addressable storage, or a Hierarchical Storage Management (HSM) subsystem. This allows lower-cost storage to be used for less frequently accessed documents.

Infolmage offers an easy point-and-click approach to creating powerful and flexible content-centric workflows without writing code. Workflow rules are based on the metadata defined for incoming content, allow routing decisions to be made on any process-specific value. Infolmage Workflow Designer allows you to easily automate your processes and integrate them into existing line of business applications.
Functional Overview

- Proven high volume production ECM for transactional content solutions
- Distributed Microsoft based framework, offering scalability and high availability
- Open RDBMS, enterprise wide document locator/catalogue & central admin capabilities
- Document/Image Capture and Management
  - Range of image capture/scan and input sources, supporting a range of content types, including TIF & PDF, Microsoft Office documents.
- Workflow Management
  - Rules based, graphical workflow
  - Serial and Parallel Processing, timeout logic, escalation, role-based security
- Field-oriented and Full-text Indexing and Search, with OCR integration links
- Storage Management and Repositories
  - SAN, NAS, EMC Centera, NetApps Snaplock
- User Interfaces
  - Client Work Manager
  - Web Access & low cost View Server
  - e-WorkManager (rich thin client)
  - Mobile Work Manager
  - SharePoint Connector
- .NET API set and Web Services
- Continuous enhancements since mid-1990s

Component Overview

An InfoImage implementation is composed of a series of architectural components including:

- InfoImage Content and Process Servers: provides object management, index management and workflow management services for a department or an enterprise. The Servers are scalable to provide the necessary throughput to meet the highest volume processing requirements and can also be geographically distributed to meet any enterprise topology. Servers run on Windows 2008 or within VM environments.
- SQL Server Database: maintains all content and workflow information, as well as logging and audit trial information. This data is accessible via 3rd party query tools, allowing existing reports to leverage the content and workflow data.
- Cache Storage: Servers maintain an inventory of content for immediate retrieval to clients. Cache storage is sized accommodate the work-in-progress for any sized system.
- Catalog Database: A centralized repository providing location services for archived documents allows a server to access content regardless of where it is stored in the enterprise.
- Storage Management: Provides interfaces to a wide range of storage platforms, including SAN, EMC Centera, NetApps Snaplock and Storage as a Service (SaaS) providers.
- Capture Options: InfoImage Scan Manager provides a flexible and cost-effective interface to many industry standard scanners, and a range of third party options including iCapture and Kofax. RBE supports bulk file transfers from external systems and FTP sites.
- Clients/User Interfaces: Options include high performance thick and thin clients, mobile clients, and SharePoint.
- Integration: A critical component to leveraging workflow and content services throughout the enterprise, integration methods include Web Services and .NET APIs.

Expertise

With hundreds of clients and engagements around the world, Unisys is a leader in ECM, workflow and imaging solutions. And with the ability to deliver an integrated end-to-end solution—from software to hardware to systems integration, support, and even hosting, Unisys is your sole-source provider.

For more information, contact your Unisys representative or visit www.unisys.com.