Xenos – an Actuate company

Xenos DSR™: Document Storage Reduction for IBM ECM

Technology Description

The Xenos DSR offering significantly reduces the amount of physical storage consumed by high-volume customer-facing documents and images such as statements, invoices, policies, bills, check images and correspondence letters retained within ECM archives. Xenos DSR intelligently separates and stores duplicate print and composition resources from the unique transactional content found within a high-volume document batch. A single copy of the captured resources is stored alongside the now much smaller transactional documents, resulting in over 90% storage reduction in many cases.

Common resources are stored as bundles inside the ECM solution, or as individual resource elements within a resource database. Pointers to the removed resources are embedded in the remaining document or associated as metadata properties. The unique transactional data elements are stored as normal within the ECM solution along with any metadata.

This offering retrieves the document from the archive, analyzes the embedded resource tags and retrieves the required resources. It then dynamically reconstitutes the complete document by combining the transactional content with the required print and composition resources. Document fidelity and accuracy is 100%. Performance is sub-second and unnoticeable by requesting users. Connection pooling for IBM CMOD reduces the requirements for individual authentication each time a document is requested.

Features & Benefits

- Java product integrates seamlessly with IBM CMOD ARSLOAD and ODWEK and IBM FileNet P8 API across platforms.
- Applies processing and routing logic, breaks apart batched print files, separates duplicate resources from transactional content and extracts document metadata from content.
- Loads AFP, Metacode, and PDF documents, resources and indexes into the IBM ECM solution.

IBM Segment
- Enterprise Content Management

Business Function
- Archiving and Storage Optimization

Target Industry
- Cross Industry

IBM Software ValueNet

- Version controls resources over time to assure historical accuracy and reduces bandwidth use by caching resources locally.
- Transforms and repurposes document formats on demand and re-constitutes documents with 100% accuracy

Value Proposition

Organizations producing highly composed, graphically rich, high-volume content in documents such as customer bank, credit card, mortgage and brokerage statements are now required to store content for extended periods due to compliance regulations. At the same time there is a growing use of online self-service channels for customers. These factors contribute to an unprecedented increase in the amount of physical storage required by ECM solutions, in network utilization and in online performance expectations.

Xenos DSR for IBM ECM products improves online presentment performance and reduces network congestion by caching common resources in memory on a server local to the web presence. The separation of print and composition resources results in only the smaller transactional content being moved across the internal network. Dynamic reconstitution with the now cached resources occurs close to the web front end.

This offering rapidly delivers the following business benefits:
- Reduces the expenditures associated with ECM document storage, by over 90% in many cases.
- Significantly improves online ePresentment performance.
- Simplifies integration between corporate applications, composition engines and the ECM solution (load side).
- Simplifies integration between corporate web presences and the ECM solution (retrieve side).
- Greatly reduces network congestion and ECM I/O.

Company Description

Xenos provides high-performance solutions that optimize enterprise content management (ECM) implementations by streamlining the movement of information across the enterprise and slashing document storage costs. Xenos solutions, based on the scalable Xenos Enterprise Server™, process, extract, transform, repurpose and personalize high volumes of data and documents for storage, real-time access, ePresentment, printing and delivery in numerous formats across multiple channels. Effective Feb. 1, 2010, Xenos became an Actuate company.