

OVERVIEW

In production for nearly 10 years and with 75+ installations, ArchivalWare™ allows organizations to store, search, retrieve, browse and manage a diverse set of content/digital objects within one easy to use system. ArchivalWare™ is a web-based, file type agnostic, full-text search and retrieval content management system. Supported born digital and digitized media types include:

-  Documents
-  Books
-  Newspapers
-  Photographs
-  Video
-  Audio
-  Other Electronically Published Material

Multiple Search Modes: Concept, Boolean, Pattern

Using ArchivalWare's™ intuitive full featured interface, search queries can be conducted using Boolean, natural language (concept), and pattern matching (fuzzy logic) methodologies, yielding pinpoint results. Queries can be made against the full-text of digital documents, rich metadata fields, or a combination of both. Retrieval of hits resulting from full text searches are highlighted directly on the document image for quick visual reference. Metadata fields can also be used to limit full-text searches or retrieve non-text digital objects, (i.e., search by date, author, publisher, etc.). Supported ancillary software includes image capture and conversion (OCR, enhancement, etc.), forms processing, Google Earth, web scraper/Spider, language tools, redaction tools, and workflow management.

Administrator Tools

Administration of ArchivalWare™ is simple with a web-based user interface to manage system functionality including system settings, fields, labels, indexing, reporting, and import and export of content. This allows ArchivalWare™ to be managed virtually anywhere through a standard browser interface. The interface also provides for complete management of all system users and groups, including access privileges, passwords, and default settings.

Open System Architecture


















ArchivalWare™ is built using J2EE to provide an open architecture environment. In addition, ArchivalWare's™ Application Programming Interface (API) enables integration with existing and future third party applications. Using the API, integration with federated search solutions, Workflow and Business Process Management systems, and legacy systems is easily performed.

Scalability

ArchivalWare™ is designed for fast response time over local and wide area networks. The software design of ArchivalWare™ supports a distributed system configuration, which can be tuned to maintain performance regardless of database size or concurrent usage, by using schedulers, query servers and client handlers. Queries over multiple digital library collections can be sent to a single software query server, or distributed over multiple software servers to take advantage of current multi-processor server hardware.



ARCHIVALWARE™ QUICK FACTS

-  OAI-PMH Compliant
-  Z39.50—ISO 23950 Compliant
-  Supports PDF/A Technology and XMP Metadata—ISO:19005 standards for Archiving
-  Unicode Compliant
-  Easy to use interface, customizable in 24 different languages
-  Supports searching across 48 foreign languages
-  Searches across large document sets (millions of pages) on multiple servers, geographically dispersed, with a rapid response time
-  Highlighted search “hits”
-  Integrates with federated search solutions
-  Searches metadata, document full-text, or both
-  Supports various metadata schemas including Dublin Core and extended Dublin Core
-  Web-based metadata editor
-  Links documents through metadata fields
-  Stores metadata in XML format
-  Supports pre-programmed search button from web portal for quick access to high demand information
-  Permits flexibility in product delivery through web-based architecture
-  Training and follow-on maintenance and support

Database: Microsoft SQL 2000 or 2005, Sybase or Oracle 8,9, or 10 RDBMS

Operating System: SUN Solaris, 8,9, or 10, Windows 2000, 2003, or 2008, and Linux

OVERVIEW

Semantic Indexing

During the content ingestion process, ArchivalWare™ utilizes a semantic index process based on terms, expressions and concepts. Compared to simply ranking the frequency of words for indexing, ArchivalWare™ initiates a semantic analysis to discover synonyms and related concepts embedded in semantic networks.

File Type Support

ArchivalWare™ is file type agnostic and supports over 200 different types of file formats including born digital and digital format as well as color, gray scale and bi-tonal modes.

Workflow Engine

ArchivalWare™ is integrated with a robust workflow engine which enables users to rapidly replicate the business process in the application without any programming requirements.

Audits and Reports

ArchivalWare™ provides both standard and customizable audit reports for every batch processed with detailed information on status, assigned processor, change types, time and date, priority assignment, productivity metrics and percentage of documents edited.

Metadata Editing

An easy to use GUI allows authorized users to add or enhance the metadata associated with each document with further detail and applicable information.

Foreign Language Support

The ArchivalWare™ user interface can support 48 foreign languages. It also supports cross lingual search; the ability to search in one language while retrieving the results in another.

ARCHIVALWARE PRODUCT SUITE



ArchivalWare DLS integrates Koha open source ILS tools with PTFS ArchivalWare digital content management software to provide a single practical solution to support 100% of the library's automation requirements.



ArchivalWare GS™ is a low cost/low risk solution that provides the ability to quickly find all information for a particular geographical target across various content formats.



ArchivalWare DX™ is the automated document redaction, declassification, and FOIA processing module. Simulating SME knowledge, ArchivalWare DX™ increases efficiency while limiting the exposure to risk.



ArchivalWare™ Spider is a content management tool that enables users to quickly search specific Internet and intranet sites and automatically harvest documents and metadata.

