



Fielded Data Repository & XML Content Management

A Leading Publishing Company in USA

Our Client is a leading educational content, technology, and services company for the higher education, professional, and library markets worldwide. The company provides superior content, personalized services, and course-driven digital solutions that accelerates student engagement and transforms the learning experience.

Project/Service Category

Enterprise Content Management System

Technology

- MarkLogic Server, XQuery
- JQuery, Ajax, JavaScript HTML, CSS
- Java, Struts, XSLT, Oberon Forms

Benefits

- Reduced business risks by moving content out of unsupported hardware/software
- Improved authoring workflow efficiency by allowing vendors to access repository directly for editing and quality assurance
- Improved content quality by rules based automatic de-duping, matching, and merging
- Reduced content conversion cost by managing content in industry standard XML format
- Faster 'time to market' of new products as a result of the high quality solution delivered by HTC within a short time frame.
- Provided scalability to add content and users as the business grows

Background

The Client is a leading provider of innovative teaching, learning, and research solutions for the academic, professional, and library markets worldwide. It was managing numerous content in legacy format that involved high risk of having unsupported hardware platform. It was very difficult to perform data extraction, distribution, and loading processes manually. The cost of converting the proprietary format to XML format for content delivery was very high.

The Client wanted to move data out of the existing system into a new content repository. It involved Acquiring, Managing, Editing, and Finalizing the reference content and product generation environment to handle reference content. To manage this, the Client wanted to develop content editing and management tools to handle reference content and integrate it with content repository.

The Client contracted HTC Global Services (HTC) to develop a content repository solution and migrate data from existing to the new repository solution.

Solution

HTC developed a web based content repository, CAMS Fielded Data Repository (CFDR) on open standards and technologies such as XML, XQuery, MarkLogic, and XML content server. It allowed the internal users and partners to access the content real-time for authoring, quality assurance, and product generation.

HTC developed a web based User Interface (UI) for authoring content and generating products. The new system was integrated with third party's database for dynamic content aggregation. HTC successfully migrated the data, including de-duping and controlled vocabulary validation without data loss. Content consistency was assured across products and delivery mechanisms.

Now the client has the capability of product construction/creation, including selecting and extracting content for print, electronic use, and third party vendors.



- Over 25 years of IT and BPO experience in providing cost effective and innovative services across domains for a wide spectrum of global 2000 customers
- Quality and information security processes compliant to SEI CMM Level 5, ISO 9001, ISO 27001 and PCI DSS standards
- Global presence, large delivery centers, talented professionals, capabilities across multiple technologies, platforms and domains