

How a Leading Publisher of Encyclopedias Brought All of its Publications into One-Fold



CLIENT OVERVIEW:

The client is a major publisher of several encyclopedias and dictionaries of common vocabulary in European languages. It commands respect for its thorough and accurate content.

PROBLEM

The publication lacked a structured approach towards the development, review, and maintenance of content. The UI/UX and search features on digital devices were also poor.

At the core of the issues were disparate hosting platforms, different kinds of storage and retrieval system and idiosyncrasies of authors adopting their writing style. The client needed a standard workflow for authoring and managing content. They also wanted to implement a subscription-based content access system.

SOLUTION

Lumina Datamatics used an open-source technology stack to design a user-centric workflow. The technology stack comprised of:

- GUI-based content authoring with TEI standards for encoding the data
- Drupal 7 XML ingestion to help in individual and bulk file uploads
- Solr powered faceted search and indexing to facilitate the simultaneous search of multiple resources
- MySQL to enable backend data storage

RESULT

- An integrated platform for authoring, storing, and distributing content
- Reduced licensing, maintenance, and upgrade costs with open-source stack
- A platform capable of handling high volume web traffic and scalable
- Rich document parsing and validating articles in the CMS
- Multi-platform accessibility
- Shopping cart for users to purchase paid content

ABOUT US:

Globally, 8 of the top 10 publishers and 3 of the top 5 ecommerce retailers trust Lumina Datamatics as their strategic partner in providing content, analytics, and technology solutions. Our clients benefit from the reduced time-to-market for new products and services, optimized business processes, operational efficiencies, improved competitiveness, and relevant insights. Lumina Datamatics' expert solutions comprise in-house platforms, partnerships with global technology leaders, and more than 3500 professionals across Germany, India, UK, United States, and Philippines.