

CASE STUDY

Migration of 11.000 Pages from Custom CMS and Lotus Notes to TeamSite



Problem

Multiple language versions of Lenovo's website were hosted on different servers around the world and run on a custom CMS and Lotus Notes. The two CMSs needed to be consolidated into one CMS

Solution

Inventory of all content of all websites, creating a mapping sheet and adding metadata to product taxonomy. After the transformation, the pages were imported into TeamSite.

Result

One central CMS and new search functionality for visitors. This simplifies managing the websites and increases user experience.

Lenovo is a Chinese multinational technology company with headquarters in Beijing, China and Morrisville, USA. It designs, develops, manufactures and sells personal computers, tablet computers, smartphones, workstations, servers, electronic storage devices, IT management software, and smart televisions. The multinational company used to have different language versions of its website that were hosted on different servers around the world. The Korean, Taiwanese, Chinese, Russian, French, Spanish, Polish, Portuguese and English versions of the website run on a custom CMS. The Japanese website used Lotus Notes. The goal of this Xillio project was to consolidate the two CMSs into one central web content management (WCM) system based on TeamSite. TeamSite is an enterprise WCM system developed by Interwoven. At present, it is owned, maintained and marketed by OpenText.

● 11.000 pages and rich metadata

The legacy websites comprised around 11.000 pages and downloadable files containing information about many different Lenovo products. The sites were generally divided into five different categories: drivers & software, products & parts details, hints & tips, user guides & manuals, and troubleshooting.

The sheer number of pages and documents, together with the dynamic nature of the content

“Although content was constantly changing on Lenovo’s websites, a content-freeze was not required for the migration.”

made migrating the website content to the new TeamSite CMS a huge challenge. Also, the new website featured a search engine, that used the product taxonomy in TeamSite for its search results. Therefore, it was extremely important to correctly tag each product page with the right metadata from the product taxonomy, along with other relevant page-specific metadata. Because Lenovo's content authors already started using the new website and published some products it was needed to do delta runs to import the new data and to re-tag the corresponding products.

● Migration project plan

First of all, Xillio made an inventory of each language version of the website. All the content was extracted from both the CMSs and the front end. This resulted in a huge database containing all the pages, binaries (downloadable files, images, etc.) and metadata of these pages and binaries.

Based on this information, a mapping sheet was created. The mapping of the pages was dependent on the category of the page. In some cases, pages were mis-categorized on the legacy site, which meant that they had to be pointed out and corrected on the mapping sheet by Lenovo. The downloadable files and images were simply copied to a new server.

● Mapping

The next task was to create the product taxonomy in TeamSite. The mapping of this product taxonomy was inserted into the database as well, since this would be required for the tagging process after the import. With the help of the mapping sheet, pages were transformed and cleaned up. During the transformation, internal links were resolved so that they would still work. The cleaning process included the stripping of old styling and JavaScript from the pages.

Xillio also had to make sure that the correct encoding was used on the content since each language has its special symbols. Once the transformation of the pages was completed, they were imported into TeamSite with a Xillio import connector.

● Delta import

For each of the downloadable files, a CDN was created in TeamSite to enable customers to search for downloadable files. With the import completed, each page and CDN was tagged with the correct product metadata that had been derived earlier from the inventory and the creation of the product taxonomy. The pages and CDNs were then published on the live website, completing the majority of the migration. Once the main import was completed, delta runs were executed to get the latest content changes in.

About Xillio

These days, your organization needs to be agile to stay relevant. The same goes for your enterprise content. But where to start? The more complex your enterprise content, the more daunting it seems to take the leap.

That's where we come in. With over 20 years of experience, Xillio is your trusted partner for managing complex, high-volume content migrations within the Microsoft ecosystem. From metadata transformation to link redirection, our experts ensure your move to Microsoft 365 is smooth, compliant, and future-proof.

