

Custom Multilingual Framework makes client websites more user-friendly and easily accessible

Industry

Manufacturing & Distribution

Technology Used

- JSP 2
- Java 1.4
- JavaScript
- Websphere 6.1
- DB2 8.0
- Apache webserver



Business Needs

Client Management envisioned a new platform to provide a multilingual website for its customers & end users. This should easily facilitate the business users to provide the content in regional language. The language feature was needed for several different locations and for languages like Spanish, Portuguese and French. The language content was required to be editable and publishing friendly by the business users with the inclusion of role based content editors. All changes static and dynamic needed to be multilingual and this feature would be a must have on all future client websites.

Solution

Fulcrum Logic conducted an in-depth requirement analysis to build a solution most suited to the client's business challenges. We worked closely with the Business Users from the Finance and MIS departments in defining the scope

and schedule of the project. The project was implemented using the Waterfall methodology to manage the various project phases. The solution was built using a Custom Multilingual Framework. All public sites were designed to be controlled and edited by this CMS. The website administrators create content and use translators to translate it into the required languages, which is then published onto the public websites depending on the language preference selected by the user. The project was completed successfully in terms of the scope, timelines, cost and quality objectives.

Benefits & Outcome

- The extensible multilingual framework is robust and scalable so that it can be plugged in for new websites
- User roles and privileges can be controlled so content editing can be managed effectively
- The website is more user friendly as users worldwide can benefit from the language preference settings on the website

Brief History

The client manufactures and markets network-ready digital copiers/printers, laser printers, color copiers/printers, digital laser facsimiles, multi-functional, wide format imaging products. The company is one of the world's leading developers and manufacturers of advanced ceramics and associated products, including telecommunications equipment, semiconductor packages and electronic components.