

European Agency Intranet Portal

Challenge

To build a multilingual intranet portal from scratch for the organization using the SharePoint 2010 platform.

Background

The Customer requested to implement the intranet portal for corporate content maintenance in several languages because client's employees are located in different countries. The portal should support such common data maintenance as:

- news
- events
- latest images
- latest videos
- employee directory
- weather forecast
- RSS feeds

Document collaboration features should be introduced as places for team work while developing documents and projects, including document browser, and advanced search. Also, two unique services were requested

- room booking services
- requests for office supplies

SharePoint was chosen as the Customer had already used it in other applications.

Solution

Artezio consultants designed the project to reuse out of the box (OOB) SharePoint features:

Project Facts

Functional area

Intranet Portal Development

Technologies

- SharePoint Server 2010
- Enterprise
- Visual Studio 2010, CKS:Dev, Camlex, caml.net.intellisense, SP Dispose Checker
- JavaScript, jQuery
- XSLT
- SharePoint Workflow
- SharePoint Designer

Services

Creation of a technical specification; development, management, deployment

Effort

8 man-months

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- User Profile service (synchronized with Active Directory) to store user profile data and a third party web part to display user data in different views.
- Managed Metadata Service to use terms. It allowed specialists to store manageable choice values in one place.
- Search Service to index data and customized Search Web Parts to display results. OOB Search Center was also customized.
- A lot of OOB web parts were used – Content Query, Search Core Results, RSS Reader, Content Editor, Table Of Content, Advanced Search, Media Web Part, XSLT List View Web Part, etc.
- Such a reuse helped us to meet the challenging deadline set by the Customer.

The developers split functionality into 4 site collections

- ✓ Intranet -content management on top of SharePoint publishing features)
- ✓ Variations - to cover multilingual cases + different web parts
- ✓ Workspaces - to store collaborative documents in a separate content database, collaborative site definitions
- ✓ My Site - custom pages on OOB My Site with data aggregation from all site collections based on custom SearchWeb Parts
- ✓ Content Type Hub - to propagate Content Types centralized to all site collections and store common data in one place

Results

The project was delivered within the specified timeframe. The implementation phase was split into weekly iterations, the results of each iteration were deployed to a demo server, so that the Customer was able to track progress easily.

The project is being supported by Artezio specialists now, who modify the existing or implement new features for the portal.