» Company Background

Web Presence Architects (WPA) is a consulting and web solution provider firm based in USA. It sells business operations & management related tools and services to clients.

Web Presence Architects offers software solutions designed to improve website ROI and web team's productivity. Software tools are available for clients to purchase or get them hosted on WPA servers and keep paying its monthly service charges.

» Business Problem Case

Web Presence Architects, being a solution provider company came up with a brilliant idea of enhancing the built-in features of IBM WebSphere Content Management. The idea was to build some tools which provided needed services and integrate with IBM WCM easily. This way the users can use those services in WCM which are not available otherwise.
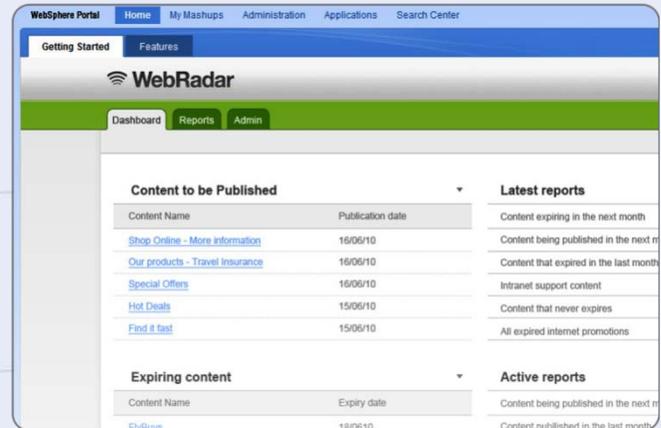Web Presence Architects wanted to integrate plug and play type of port lets with IBM WCM having the following features:

- Monitoring all activities related to website development, progress tracking and maintenance
- Helps creating and extracting reports according to user's priority and preference
- Allows team and project level task management
- Which keeps a history of and tracks the published and expired content
- A web reporting tool which updates itself many times a day and runs with DB2 & Oracle
- A tool which simplifies creation of websites dramatically
- A tool which is easy to understand and use

» Project Outcome & Achievements

WebRadar line of products allows the users to monitor all activities concerning their website development and maintenance. In Project Radar each tab provides a variety of easy-to-use tool and functionality. One can track web projects by specifying tasks and dependencies, and assigning tasks and requests to their team members. One can also keep track of opportunities (potential future projects), as well as corporate events that could bring in more work to the organization.

WebRadar products also help keeping track of web content changes in your website and ensure that your site is editorially sound. It provides early warning of content scheduled to expire and content about to be published. It also shows a list of pages that have recently expired or have been published.

» Solution Applied

Four portlets were developed to fulfill the business requirements of the project. All WebRadar line of products are based on IBM WebSphere Portal, JSR 168 Portlet, Web Content Management (WCM), WebSphere Member Manager (WMM), JSP, Servlet, IBM Workplace API for WCM, Portal Users Manager Architecture (PUMA) API and Single Sign-on (SSO).
WebRadar provides new enhanced featured portlets for IBM WCM. Unique and advanced utilities provide the business owners, developer, designers and end users a rich and improved experience with IBM Web Content Management. It supports version 6.0 and the latest v6.1 of IBM WCM.
These portlets allow users to create, edit, manage and report their IBM WCM 6.0 and 6.1 website. These include:

1. **WebRadar Report Generator and Batch Editor:**
   It provides a number of important managerial level reports. It allows the user to select different options as per its preference for generating reports.
2. **WebRadar WWCM Data Extractor Portlet:**
   It allows easy access to WWCM data. It can be used with other WebRadar modules or with other custom developed applications
   It stores all important web page data in a DB2 database. The database is refreshed hourly up to 24 times a day depending upon user requirements.
3. **WebRadar - Site Creator Portlet**
   The WebRadar Site Creator tool simplifies batch site creation task using Microsoft Excel spreadsheet.
   Using a worksheet template, which is provided along with the tool, users can simply fill the necessary information for each page and upload the file in the portlet. The new content gets automatically created as a background process, cutting down the time in creating the websites. See short demo
4. **Project-Radar**
   Project-Radar is Simple, easy-to-use collaboration-style project management portlet for WPS v6.0