

Exploring Value in Document Management & Project Collaboration

About Volcano

Volcano Corporation is instrumental in revolutionizing the medical device industry with a broad suite of technologies that make imaging and therapy simpler, more informative and less invasive. Their products empower physicians around the world with a new generation of analytical tools that deliver more meaningful information using sound as a guiding element

Business Case

Volcano had a site for the document management for the global users. This site was called 'Vulcan'. The documents on the site were quite mismanaged and not organized in a proper manner. This led to problems in accessing right content when it was needed the most and resulted in a lot of de-duplication at work. SpadeWorx was approached to create a new site from scratch which would replace the existing Vulcan site and would assist workflow in a better fashion.

Solution

SpadeWorx created a new site named 'Pulse' which replaced the existing Vulcan site. The various 200 department sites were clubbed into 15 sites. New features were added to the site to enhance the user experience and document management.

Project Collaboration was one of the main features of this delivery where in various departments had their individual specific dashboard mentioning employee wise task milestones, stages and document access rights and links.

Key Technologies Used

- Microsoft SharePoint Server 2010
- MS SQL Server 2008R2
- Net Framework 3.5
- Windows Enterprise 2008



HR Department Home Page Features

1. Announcements List – List holding various HR department announcements
2. Organization Chart – depicting organization hierarchy
3. Event Calendar – Showcasing upcoming events in the calendar – as a list view

4. Left panel – Quick Links to take user directly to desired pages on the site
5. Feedback – Provision to provide feedback with comments
6. Image Links – Images to take user to desired site sections

Our Culture

1. Slider – Shows slide show of various images and features as a ready guide for usage
2. Market Place – Shopping cart feature
3. Maps – Shows location maps for individual department locations.



Technical Highlights

- Custom Advanced Search to display results with additional project metadata

- SharePoint controlled secure access to knowledge base.
- Very intuitive UI as per Company's corporate branding policy
- **Slider Web Part** – This is a custom Web Part which is being implemented on the Global Home page for all the countries. It fetches important data like documents, videos and Images from various SharePoint Lists and display on the Global home page.

- **Leader speaks** – This is SharePoint Content Query web part which fetches data from another site. Basically used to show message from CEO. This functionality is also used on the global homepage of all the sites. Its design has been implemented using XSLT language.

- **Global Navigation** –All the Departments and their sub-departments names are stored in a SharePoint List named Global Navigation in a hierarchical manner and it is being displayed on the Top Navigation menu of the site using this Custom Web Part.

- **Our Culture Web Part** – This is a SharePoint Content Editor Web Part. It fetches data (Videos and Images) from SharePoint Lists to show as a slide show on the Our Culture site. This is achieved with custom JavaScript using Client side Object model. It also displays data like Event date, Description etc.

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