

Portal Product Development on MOSS

Need: Knowledge Management Portal Product on MOSS
Location: US

Client Description

The Client is one of the fastest growing technology companies in the US and provides solutions to leading global corporations, governments, and not-for-profit organizations. It combines its business research activities with solutions and products to help businesses use technology strategically and derive its benefits to the fullest.

Business Need

The client wanted to develop a MOSS based portal product that would enable effective knowledge management across an enterprise as well as help users to collaborate effectively. The portal would be used as a knowledge repository and also provide a reporting dashboard for storing portfolio and project related data in an enterprise. It was also required that all possible channels of communication be catered to in order to enable simple collaboration between portal users and to effectively manage and process the data on the portal.

Solution Offered

Blue Star Infotech architected the solution using out-of-box collaboration features provided by MOSS that helped in reducing the time-to-market of the portal product and also in reducing integration complexity. The collaboration features included discussion forums, instant messaging, online meetings and a calendar specific to the portal.

Microsoft Office Live Meeting was used to conduct online meetings and Blue Star Infotech developed a web part which would display meetings for the day for the logged in portal user. Blue Star Infotech designed the portal such that one calendar would be maintained per portal site and this calendar could be synchronized by the portal users' Outlook calendar. Facility was also provided for the portal users to maintain their user profile data using 'My Site' and 'My Blog' features available in MOSS 2007.

Blue Star Infotech also designed and developed an Instant Messaging framework such that the portal users could use MS Office Communicator to send and receive instant messages. The Instant Messaging web part required integration with Live Communication Server 2005. The Instant Messaging web part also displayed the presence information for the other portal users.

Some of the features built into the reporting component of the product included:

- Discussion forums for each portal site
- Integration with Live Meeting as well as a web part to display the meeting schedule for the day for the given portal user
- Portal Calendar synchronization with MS Outlook
- Integration with Live Communication Server 2005 and an Instant Messaging Framework
- 'My Site' and 'My Blog' features for every portal user

Benefits to Client

- Blue Star Infotech's Microsoft expertise and knowledge of MOSS helped the client in the entire solution of the product which ensured that the MOSS framework was aptly used
- Blue Star Infotech drastically reduced the time-to-market of the portal product for the client by leveraging its mature relationship with Microsoft to resolve various issues that crept up due to MOSS 2007 still being in an early stage of release.
- The high level of Office 2007 integration and automation improved the usability of the product and helped the client attract potential customers to their new product.

TECHNOLOGY

- Windows 2003 Server
- MOSS 2007
- MS SQL Server 2005
- Live Communication Server 2005
- MS Live Meeting
- MS Outlook 2007, MS Office Communicator 2005
- .NET 3.0, C#.NET

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