

Client: World's largest ISV
Location: USA

Client Description

The client is the world's largest software vendor. They are the pioneer's in building world class desktop and office productivity solutions.

Business Need

To promote the adoption of SharePoint platform, the client wanted to develop a toolkit that allows business users to build and deploy Office Business Applications leveraging re-usable components without IT intervention. The toolkit would reveal the underlying composition capabilities of the Microsoft Office system and integrate seamlessly with the Microsoft SharePoint & Office systems to enable a prescriptive, application-composition experience for information workers. Information workers can then go on to build and deploy OBAs by using semantically related OBA components such as workflows; document libraries, lists, and pages in Microsoft Office SharePoint Server 2007.

Solution Offered

To meet the aggressive timeline requirements for the development of the tool, Blue Star Infotech developers teamed up with the client to work on both the client and the server side components.

The client side required a smart front end which could showcase the richness of the application in terms of functionality and prescriptively guide the user to compose and enhance OBAs on the fly. Blue Star Infotech developed this smart client Composer tool using Windows Presentation Framework. It provided rich and intuitive user interface to the intricately complex underlying system.

The Composer consumes and updates the information extracted from the OBA Composition Server which includes metadata, administration, and provisioning services to enable cataloging of OBA components in SharePoint Server 2007, administering and managing components, defining semantic relationships between components, defining the bindings between components and line-of-business systems, and to support the deployment of OBAs that users have composed by using the components.

On the server side, Blue Star Infotech was responsible for developing some of the key services exposed by SharePoint Server. The team also developed an "Administration User Interface" which is integrated into the Central Administration portal of SharePoint 2007. Administrator User Interface allows administrators to upload and administer new components and adapters, add users, assign permissions etc. These components, adapters and the associated permissions are reflected in the Composer.

TECHNOLOGY

- SharePoint Server 2007
- .NET 3.5 Framework
- Windows Presentation Framework
- LINQ, D-LINQ
- SQL Server 2005

Benefits to the Client

- Access to relevant technology expertise on SharePoint 2007 and Windows Presentation Framework
- Development of the tool in record time meeting the client's stringent deadline driven by the need to unveil this at a marquee conference

For more information about Blue Star Infotech:

USA +1-(408) 235-1640
UK +44-020-8538 2710
India +91-22-2490 1870

Email: globalha@bsil.com

www.bsil.com