



Integrating People, Process and Technology

MS Project and SharePoint server Integration and Project Management application development

At a Glance

CHALLENGE

Needed an enterprise project management application developed and integrate MS Project with MOSS 2007

SOLUTION

Integrated Project Server 2007 and Microsoft SharePoint Server (MOSS 2007)

BENEFITS

- Effective project management
- Easy maintenance of documents and workflows improved Business visibility and control
- Simple search function of the data
- Enhanced BI reporting

About Client

ContractOne is a world leader in Construction segment offering one stop shop solutions through its B2C portal. They are well known for their excellence in craftsmanship and eye for detail. ContractOne has successfully managed multi-billion dollar projects and has the knowledge and experience in hands-on construction.

The Challenge

The customer needed

- Application Development and Testing services around an application integration which could pull information from a Project Server '07 database into SharePoint site
- InfoPath forms that dump their data into a SQL '05 database
- Integrated Gantt chart and SharePoint site so that it is directed to the project related home page only with single sign-on services
- Develop workflow, data catalog, excel services, time sheets, project workspaces, and automatic notification to vendors (for any change)
- Integration of InfoPath forms with SQL database and FoxPro database.

The Solution

GSS Infotech understood the value of the customer's business and suggested a very popular enterprise application integration paradigm of integrating Project Server 2007 with Microsoft SharePoint Server (MOSS 2007) for efficient project management practices.

Methodology

GSS Infotech integrated the project information in SharePoint sites by integrating BI tools of Microsoft and built custom web parts to present the project details. Also, the fields were classified and saved into SQL Server 2005, in order to retrieve data from multiple sources. For directing to the project home page a custom list was created as web part that will have add, view, edit and delete functions. The administrator will be using the web part in creating the links for the respective sites. For single sign on, GSS Infotech used SSO (MOSS 2007) to authenticate a user's credentials against the back-end data systems and managed these user credentials securely. By integrating SharePoint out-of-box solutions workflows were designed and developed. In order to automate the vendor notification, customization and integration was done programmatically for sending alerts and reminders through e-mails.

For more information on SharePoint and server integration services:

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Solution Components

Environment

- Front End: ASP .Net
- Data bases: MS SQL, FoxPro
- Servers: MS Project, MOSS 2007

Benefits

- Easy maintenance of multiple documents and workflows within a SharePoint environment
- Using a dedicated site and its respective document library, project manager was able to manage physical deliverables such as software files and attachments within SharePoint
- Employees were able to fill in InfoPath forms offline and when they were uploaded, the data is also pulled into a SQL database which is searchable

About GSS Infotech

GSS Infotech is a fast growing Managed IT Service provider and operates globally with its headquarters in Hyderabad (India) and offices in USA, APAC and Middle East. GSS is a CMMi level -3 company with accreditations like ISO 27001, ISO 9001, and ISO 20000 for Quality, Security and Service management. With its 11 year-presence in the IT industry, it provides customized solutions to over 200 Fortune customers across verticals like Telecom, Manufacturing, Financial services, Insurance, Transportation, Healthcare, Legal, and Power, globally.

A Pioneer in managed IT Services, GSS offers a wide range of services to customers across the globe which includes

Infrastructure Managed Services

- Virtualization Services
- Datacenter Services
- Remote Infrastructure Management Services

Application Management services

- Application Development and Maintenance
- Testing- Verification and Validation

Cloud Services

- Cloud Workshop & Visioning
- Evaluation / Proof of Point Services
- Cloud Solutions Engineering & Enablement
- Maintenance, Monitor and sustain on Cloud

GSS Infotech delivers scalable and cost-effective solutions to its customers with its impeccable blend of business expertise and delivery excellence in Enterprise Technology, Methodologies, and Implementation.