

Migrate to SharePoint 2013 for Efficient & Robust Business Process

Background

US-based award-winning “turnkey” construction company performing a wide range of services from small jobs, service and emergency work to full base building renovation and shell construction. Ranked among today's 100 Largest General Contractors nationwide, the organization offers resources to support general construction needs; financial strength, 24/7 service department, fully equipped warehouse and millwork shop, large field force, self-performed trades, and in-house painting.

Business Situation and Challenges

The organization used SharePoint Designer based workflows to manage their business processes. Those workflows were lacking in efficiency and robustness because of limitations in customizations that can be implemented using SharePoint Designer. The workflows had limitations; whereby they were not reliable and lacked configurable timeline for approvals. The client was looking for a newer system that would enhance the business processes.

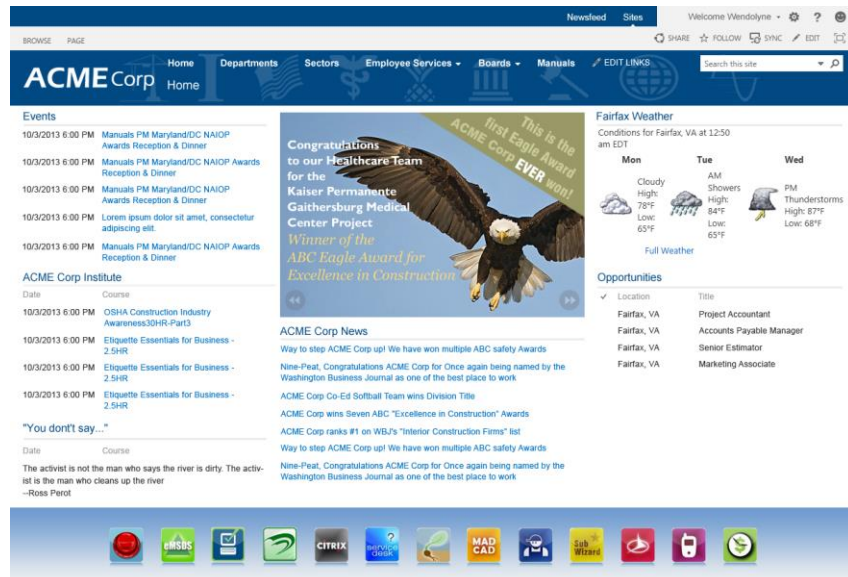
WinWire Solution

The primary goal was to migrate the intranet and extranet sites from MOSS 2007 environment to SharePoint 2013 environment. WinWire conceptualized a SharePoint 2013 – based system that provided better control on the workflows, along with content database attach method for the migration process. WinWire used three-tier model (best suited for SharePoint 2013 server farm) to be deployed on Web Front End Server, Application Server and Database Server. The system provided with the ability to manage the state of the workflow. The newer system was also cost effective, as it enabled business users to create basic workflows easily reducing development team’s involvement.

Technologies used:

- SharePoint 2013 Enterprise Edition – Used as a platform
- SQL Server 2008 Enterprise Edition – Used for backend storage
- JavaScript 1.8 / jQuery 2.0 – Used for client side scripting
- ECMAScript - Client Object Model – Used for asynchronous retrieval of data from server
- XSL 3.0 – Used as part of OOB SharePoint web parts
- XHTML 1.0 / HTML 4 / CSS 2.0 – Used for UI/UX branding
- PowerShell 4.0 Commands – Used for any kind of deployment

The goal of this project is to design, develop and deploy a new version of the intranet portal as an extensible enterprise wide collaboration platform. The existing system was built using SharePoint 2010 and ASP.NET. The planned portal is to leverage SharePoint as a collaboration platform, where the existing content is to be migrated to a new SharePoint 2013 setup.



Benefits

- Better and configurable email format
- Ability to delegate within an approval stage
- Ability for lazy approval to enable approvers to be picked during runtime
- Ability to capture the approver comments and display them in status reports and in emails
- Provides better support for user groups and permissions governance