

Modernized Collaboration Portal - Migrating SharePoint 2010 to Office 365 for better user experience

The Customer:

The customer is a Fortune 500 company, is a manufacturer of semiconductor equipment for the lithography coat/develop and wet cleaning/etching processes.

The Situation:

The Customer wanted to retire their legacy SharePoint 2010 intranet /extranet portal and migrate it to a more robust new age SharePoint Online solution which included setting up their O365 tenant.

Key requirements included:

- Retire the legacy SharePoint 2010 environment
- Migrate content to SharePoint 2013 Online
- Provide the next generation Collaboration portal for both internally and externally

The Solution:

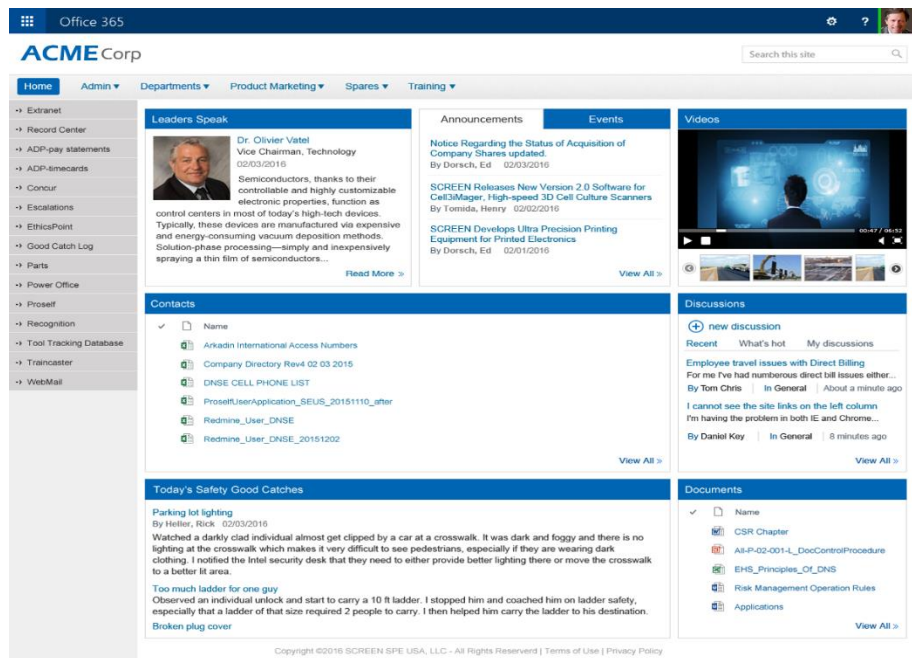
WinWire SharePoint architects and Governance experts worked closely with IT & Business team from the company to implement the Collaboration platform, which provides secured access to internal employees as well as external users.

WinWire proposed a well-defined **migration framework** for content migration from the existing SharePoint 2010 portal to the new SharePoint Online platform.

- WinWire defined a strategy for Security Structure and Capacity Planning.
- Adopted Responsive UI design methodology for landing pages for seamless user experience across multiple devices (desktop and mobile devices).
- Leveraged O365 “External Sharing” feature which allows external users to access the sites from outside the organization without requiring a subscription license.

- Designed a framework with Selenium using TestNG to migrate external users from SharePoint 2010 portal to the SharePoint Online platform.
- Designed a **hybrid solution** to interact with external systems from SharePoint Online by leveraging Layer 2 Tool.
- Designed a WCF service to perform search in an external system (basically perform search in a SQL database based on the search criteria) and display the search results in the SharePoint Online platform.
- Leveraged **Azure website** to house all html based manuals to overcome the issue of rendering html and svg files in SharePoint Online and, designed a custom solution to handle authorization for the Azure hosted html manuals.
- Solution allows users to browse through the Azure based manuals i.e. SharePoint Online portal with single sign on.

Technologies Used: Office 365, SharePoint Online, JQuery, .NET 4.5, Selenium, InfoPath, Web Service, Azure, Layer2.



Benefits:

- Seamlessly access to the SharePoint Online platform
- Lower cost of infrastructure & maintenance due to O365.
- With the new portal, users can have almost all the functionality of the client-side Office product, in the browser.
- Employees access the content on-the- go through their mobile devices without compromising the user experience.
- Compliance-ready