



# Mainsoft SharePoint Integrator for WebSphere Portal

**Mainsoft SharePoint® Integrator for WebSphere® Portal** enables IT organizations to integrate contents stored on Windows® SharePoint Services (WSS) and Microsoft® SharePoint sites, including documents, announcements, calendar entries, contact lists, task lists, and customer-defined lists into an open, scalable, and SOA-ready WebSphere Portal environment. The SharePoint Integrator includes ready-to-use portlets, to display lists and documents stored in SharePoint sites in WebSphere Portal.

Analysts can quickly build composite applications using .NET and Java™ portlets that incorporate SharePoint contents. Without coding, an analyst can build an enterprise mashup that: accesses a customer list stored on a SharePoint site; sorts and filters this list by sales territory; plots the contacts on a Google map; and communicates the results to the enterprise CRM system using portlet communication.

Portlet obtains list of materials stored in a SharePoint document library

Portlet obtains warehouse information stored on a SharePoint site

Warehouse locator mashup created from Java-based Google Maps and warehouse addresses stored on a SharePoint custom list

This composite application running on WebSphere Portal integrates SharePoint document libraries and SharePoint custom lists with Java-based Google Maps in order to streamline order processing and fulfillment.

## Mainsoft for WebSphere Portal

Mainsoft also enables enterprises to integrate Microsoft's SQL Reports within WebSphere Portal, and integrate the reports as a drilldown within the Dashboard framework. For more information regarding this capability, visit <http://www.mainsoft.com/products/SQLServerReportingServicesConnectorforWPS.aspx>.

For enterprises with Visual Studio development teams, Mainsoft offers a Visual Studio®-based SDK that enables IT organizations to integrate .NET skills, applications, services, and content into a proven, scalable Java EE infrastructure running on WebSphere Portal. For more information regarding Mainsoft, Portal Edition, visit [http://www.mainsoft.com/products/websphere\\_portal.aspx](http://www.mainsoft.com/products/websphere_portal.aspx).

## Key Product Benefits

Mainsoft SharePoint Integrator provides a single point of personalized access to all enterprise applications and services within a single sign-on, role-based environment. It compensates for the limitations of SharePoint, which offers limited scalability and a limited capacity to integrate with legacy and back-end systems. Key benefits include:

- ✓ **Superior end-user experience:** End users get single sign-on, personalized access to all enterprise services, including SharePoint contents, within a scalable WebSphere Portal environment.
- ✓ **.NET integration is seamless across .NET and Java components:** Enterprises that use both development technologies can boost employee productivity and enhance their end-user experience with composite applications that use SharePoint data and integrate applications on-the-glass.
- ✓ **Capitalize on existing .NET investments:** Enterprises can use existing Visual Studio development skills, existing ASP.NET applications, and existing SharePoint data to quickly build a secure, extensible, and highly scalable service-oriented architecture running on WebSphere Portal.



## Features of Mainsoft SharePoint Integrator

- Out-of-the-box portlets consist of a SharePoint List Viewer and a SharePoint Item Viewer. The portlets:
  - ✓ **Support composite application development.** Both the List Viewer and the Item Viewer portlets use WebSphere Portal's portlet cooperation infrastructure to communicate SharePoint data. Business analysts can integrate the SharePoint Integrator portlets into composite applications and wire them with other portlets.
  - ✓ **Provide single sign-on access.** End users signed into WebSphere Portal have direct, role-based access to their SharePoint data. Administrators or end users can easily configure the WSS credentials using the portlet's configuration form that accesses WebSphere Portal's proven credential vault infrastructure.
  - ✓ **Can be easily configured and customized.** Administrators and end users can set the connection parameters to the integrated WSS site, as well as select SharePoint lists, define filters, select columns, sort rows, and control portlet view's overall appearance.
  - ✓ **Provide full access to SharePoint documents.** End users can check out and check in documents stored in WSS sites. In a future release, updating documents will also be possible.
  - ✓ **Support all SharePoint data types.** These include dates, text, and multi-lined text, look-ups, currency, options, numbers, and computed columns.
  - ✓ **Provide search capacities.** End users can search their WSS list content and review ranked results to easily find documents and data.
  - ✓ **Provide caching and paging.** The SharePoint Integrator portlets provide an optimized end-user experience, caching WSS data, and paging long lists for fast retrieval.
- Mainsoft SharePoint Integrator for WebSphere Portal contains a SharePoint software development kit (SDK) for integrating SharePoint with WebSphere Portal. The SDK includes a set of classes that give .NET and Java developers full control over all components of a SharePoint site and simplify the development of integrated solutions. These include:
  - ✓ **SharePoint Connection class**, for easy and direct access to all SharePoint Web Services. The class can be used to manage the connections to SharePoint sites in a similar manner to the connection strings used to connect to databases.
  - ✓ **SharePoint DataSource control**, for easily managing binding operations on SharePoint lists. The control includes a WSS connection string builder and an intuitive, feature-rich query builder wizard for configuring all parameters needed for a SharePoint connection, including filtering, sorting, and selecting what properties should be retrieved.
  - ✓ **Credential Vault Web control**, for setting security settings and accessing the WebSphere Credential Vault. These classes give users full control over user profile information and security settings for building integrated solutions that can be deployed using various security and authentication scenarios.

### System Requirements:

- WebSphere Portal Version 6.0 and later.
- Windows SharePoint Services Version 2 or Version 3.
- Microsoft SharePoint 2003, Microsoft Office SharePoint Server 2007

### About Mainsoft Corporation

Founded in 1993, Mainsoft Corporation is a leading provider of .NET-Java EE interoperability solutions. The company's product suite and services enable businesses to deliver a complete front-end Service Oriented Architecture (SOA), with secure, role-based access to .NET and Java services. Currently, Mainsoft is helping more than 150 businesses deploy Windows applications natively on open systems, including WebSphere Portal and WebSphere Application Server, as well as on the UNIX® and Linux® operating systems.

For more information, visit <http://www.mainsoft.com>.

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### Mainsoft Corporation

698 Tasman Drive • Milpitas, CA 95035

800-MAINWIN • phone 408-907-1339 • fax 408-351-4984

[www.mainsoft.com](http://www.mainsoft.com)

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