



Microsoft Office SharePoint Server 2007

Abstract

This document discusses a general overview regarding the rich services that MOSS (Microsoft Office SharePoint Server 2007) offers in terms of solution development.

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1 OVERVIEW

Microsoft Office SharePoint Server 2007 (MOSS) is a robust, enterprise level development platform that offers businesses and organizations, from the smallest size to the corporate, a great way of facilitating collaboration, content management, business processes and information access that is core to the function of their day-to-day business models.

SharePoint runs as a server program and is accessed via client browsers such as Internet Explorer and Mozilla Firefox. Both developers and less technical users alike can quickly and easily create SharePoint sites that fulfill anything from a simple company website requirement, to content publishing, content management, business needs and much more.

The following is Microsoft's official listing of the key capabilities of SharePoint:

Microsoft Office SharePoint Server 2007 Capabilities

Microsoft Office SharePoint Server 2007 provides a single, integrated location where employees can efficiently collaborate with team members, find organizational resources, search for experts and corporate information, manage content and workflow, and leverage business insight to make better-informed decisions.

- [Collaboration](#) Allow teams to work together effectively, collaborate on and publish documents, maintain task lists, implement workflows, and share information through the use of wikis and blogs.
- [Portals](#) Create a personal MySite portal to share information with others and personalize the user experience and content of an enterprise Web site based on the user's profile.
- [Enterprise Search](#) Quickly and easily find people, expertise, and content in business applications.
- [Enterprise Content Management](#) Create and manage documents, records, and Web content.
- [Business Process and Forms](#) Create workflows and electronic forms to automate and streamline your business processes.
- [Business Intelligence](#) Allow information workers to easily access critical business information, analyze and view data, and publish reports to make more informed decisions.

SharePoint is also fully integrated with the .Net framework via a simple to use API (code DLL) and Web Services that can be utilized by, for instance, C# and ASP.Net. The web GUI's functionality of the SharePoint site can therefore be extended via code behind that triggers on certain events and context menus in order to fulfill more detailed behind-the-scenes requirements and validation that can be implemented by developers who code in any of the .Net languages. Custom web parts can be developed in Visual Studio and

uploaded onto the SharePoint site and Microsoft Office Services, such as Excel services can be integrated into the SharePoint site to make the end-user experience richer.

If more flexible user interaction, such as the level you find in regular Windows applications, is a requirement, InfoPath Forms can be used to capture data and enforce validation, which in turn will submit the data into the SharePoint system. The possibilities with SharePoint are really endless and there are so many ways to leverage the way an organization can use and enhance existing information and processes.

2 SUCCESS WITH SHAREPOINT

Many organizations all over the globe, such as The London Stock Exchange, Starbucks and Energizer have already begun to reap the benefits of employing a SharePoint solution for their business intelligence and/or processes needs.

Please visit

<http://www.microsoft.com/sharepoint/capabilities/bi/evidence.aspx>

and

<http://www.microsoft.com/casestudies/casestudy.aspx?casestudyid=201085>

for more information on these and other success stories...

3 LINKS ON THE WEB

For more information, please see the following links and consult Swisttech for more possibilities on implementing a SharePoint solution:

<http://www.microsoft.com/sharepoint/default.aspx>

<http://www.microsoft.com/sharepoint/capabilities/bi/overview.aspx>

<http://www.microsoft.com/sharepoint/capabilities/bpf/overview.aspx>

<http://www.microsoft.com/sharepoint/capabilities/ecm/overview.aspx>

<http://www.microsoft.com/casestudies/casestudy.aspx?casestudyid=201085>

4 SYSTEM REQUIREMENTS

To use Microsoft Office SharePoint Server 2007, Microsoft Office SharePoint Server 2007 for Search, or Microsoft Office Forms Server 2007, you will need:

Component	Requirement
Computer and processor	Server with processor speed of 2.5 gigahertz (GHz) or higher; dual processor, 3 GHz or higher recommended
Memory	1 gigabyte (GB) RAM; 2 GB recommended ¹
Hard disk	3 GB of available hard disk
Drive	CD ROM or DVD Drive, local or network accessible ²
Display	1024x768 or higher resolution monitor
Operating system	Microsoft Windows Server 2003 Standard Edition, Windows Server 2003 Enterprise Edition, Windows Server 2003 Datacenter Edition or Windows Server 2003 Web Edition later plus service packs. Windows SharePoint Services 3.0.
Other	<p>100 megabits per second (Mbps) connection speed required for farm deployment, 56 kilobits per second (Kbps) required for client to server connection. Internet Simple Mail Transfer Protocol/Post Office Protocol 3 (SMTP/POP3), Internet Message Access Protocol 4 (IMAP4), or MAPI-compliant messaging software required for e-mail notifications.³</p> <p>Although administrative tasks on SharePoint sites are optimized for level 1 browsers, Office SharePoint Server 2007 also provides rendering support for other browsers that are commonly used. To ensure that you have complete access to all the functionality, we recommend that you use a level 1 browser for administrative tasks.</p>
Browser ⁴	<p>Level 1 Web browsers⁵</p> <ul style="list-style-type: none"> – Win 2000, Win XP, Win2003, Vista client with IE6 or IE7 <p>Level 2 Web browsers⁶</p> <ul style="list-style-type: none"> – Win 2000, Win XP, Win2003, Vista client with Firefox 1.5, Mozilla 1.7 or Netscape 8.1 – Unix/Linus with Firefox 1.5 or Netscape 7.2 – Mac OS-X with Firefox 1.5 or Safari 2.0
Additional	<p>If a browser is not listed in either level 1 or level 2, it is not supported. For example, older browsers — such as Internet Explorer 5.01, Internet Explorer 5.5x, Internet Explorer for Macintosh, and versions of third-party Web browsers that are earlier than the ones listed as level 2 browsers — are not supported.</p> <p>Refer to the product Capacity Planning document for machine specific requirements.</p>

¹ Farm deployment requires 2 GB RAM; 4 GB recommended for SQL and Application Servers.

² Office SharePoint Server 2007 requires DVD Drive, local or network accessible.

³ Farm deployment requires SQL Server 2000 SP3a or higher. SQL 2005 SP1 or later and SQL 2005 Analysis Services SP1 or later required for some advanced features.

⁴ Web browser support is divided into two levels: level 1 and level 2; 32-bit browser only.

⁵ Level 1 Web browsers take advantage of advanced features provided by ActiveX controls and provide the most complete user experience. Level 1 browsers offer full functionality on all SharePoint sites, including the Central Administration Web site.

⁶ Level 2 Web browsers provide basic functionality, so that users can both read and write in SharePoint sites and perform site administration. However, because ActiveX controls are supported only in level 1 browsers and due to the functionality differences within different browsers, a different user experience might be provided and there could be some variances from the user experience from the level 1 browsers.

5 EDITIONS

There are various editions of SharePoint:

Core Products

Offering	Functionality
Microsoft Office SharePoint Server 2007 Client Access License (CAL), Standard Edition	This client access license allows you to access your Office SharePoint Servers to meet your information management needs. As part of this license, you receive the core capabilities of Office SharePoint Server such as managing content and business processes, enabling better-informed decisions, finding information and organizational expertise, and simplifying how people work together across boundaries.
Microsoft Office SharePoint Server 2007 Client Access License (CAL), Enterprise Edition	<p>This client access license is an additional license on top of the Office SharePoint Server CAL, Standard Edition. A customer must acquire both the Standard Edition and Enterprise Edition CALs in order to use the Enterprise Edition functionality of Office SharePoint Server.</p> <p>This CAL adds rights for you to use the Line of Business data integration and search, Business Intelligence including performance management dashboard and web-based spreadsheets, and electronic forms.</p>
Microsoft Office SharePoint Server 2007 for Internet sites	<p>You may use the software only for Internet-facing websites. All content, information, and applications must be accessible to non-employees. This license has all the features of the Enterprise Edition of Office SharePoint Server. For complete information about the different features in each edition, read the Office SharePoint Server 2007 edition comparison document.</p> <p>This is a per server license that does not require the purchase of Client Access licenses.</p>
Microsoft Forms Server	Office Forms Server 2007 is a scalable, security-enhanced,

Offering	Functionality
2007, Server License	standards-based data-gathering solution that your organization can use to extend the reach of forms-driven business processes to anyone with a Web browser. Office Forms Server works with the Microsoft Office InfoPath client for authoring your forms-driven solutions.
Microsoft Office Forms Server 2007 Client Access License (CAL)	This client access license allows you to access your Office Forms Server 2007 to extend the reach of forms-driven business processes to anyone with a Web browser.
Microsoft Forms Server 2007 for Internet sites	<p>You may use the software only for Internet-facing websites. All content, information, and applications must be accessible to non-employees.</p> <p>This is a per server license that does not require the purchase of Client Access licenses.</p>

See the Office SharePoint Server [System Requirements](#).

Enabling technologies

Offering	Functionality
Microsoft Windows Server operating system	Office SharePoint Server, all editions, and Office Forms Server require Windows Server 2003 Standard Edition, Windows Server 2003 Enterprise Edition, or Windows Server 2003 Compute Cluster Edition.
Microsoft Windows SharePoint Services 3.0	Component of Windows Server that is required for using Office SharePoint Server. Windows SharePoint Services is the underlying technology on which Office SharePoint Server builds.
Microsoft SQL Server	Office SharePoint Server 2007 uses a back-end database server: SQL Server 2000 SP4 or higher; or SQL Server 2005 SP1 or higher (32 and 64 bit processor). Microsoft recommends you use SQL Server 2005 with Office SharePoint Server 2007.

6 DOCUMENT SOURCES

<http://www.microsoft.com/sharepoint/default.aspx>