

System Requirements for Microsoft® Dynamics GP 10.0 Web Applications

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This document contains the Web server recommendations and client workstation requirements for Microsoft Business Portal 4.0 with Windows SharePoint Services or Microsoft Office SharePoint Server 2007, Web Services and SQL Reporting Services when used with Microsoft Dynamics GP 10.0. The requirements and recommendations are based on experience with many different installations. Users may need to increase these requirements due to environmental factors to achieve individual performance expectations.

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Dedicated Web Server Recommendations:

Review each Customer Profile below to determine what profile best fits the user count and modules used for your environment. Use that Customer Profile as a recommendation for your web server hardware implementation.

The table below is an overview of the recommended number of servers for each Customer Profile and also recommends what web applications should be installed on each server.

Web Application	Customer Profile 1	Customer Profile 2	Customer Profile 3
Business Portal	Server 1	Server 1	Server 1
Windows SharePoint Services 3.0			
OR			
Microsoft Office SharePoint Server 2007 (32-bit Enterprise Edition only)	Server 1	Server 1	Server 1
Workflow	NA	Server 1	Server 1
Web Services	Server 1	Server 2	Server 2
SQL Reporting Services	Server 1	Server 2	Server 3

NOTES:

1. Microsoft Business Portal running on Microsoft Office SharePoint Server 2007 requires Web Services to be

installed.

2. Workflow requires Microsoft Office SharePoint Server 2007 and Web Services to be installed.
3. Servers can be load balanced in Customer Profile 2 or 3.
4. All Customer Profiles require a dedicated Microsoft SQL Server in addition to the servers listed above.
5. The report deployment with SQL Reporting Services is only supported with SQL Server 2005 Reporting Services and SQL Server 2005 SP 2.

Customer Profile 1

Use the following guidelines if you:

- ▶ Use **one** of the following Business Portal modules only
 - Requisition Management
 - Human Resources Self Service Suite
 - Order Management
 - Project Time and Expense
- ▶ Process fewer than 500 transactions per day if using Requisition Management, Human Resources Self Service Suite or Project Time and Expense.
- ▶ Process fewer than 500 orders per day if using Order Management.
- ▶ Use SQL Reporting Services
- ▶ Have between 0-500 named users using Business Portal and SQL Reporting Services

NOTE: A named user is a unique user that accesses Business Portal or SQL Reporting Services and performs a task once every four hours on average.
Increased transaction volume per user will decrease the number of users a server can support.
- ▶ One Web Server

Item	Requirements	Notes
		The web server computer name cannot contain an underscore(_)
		The web server must be a 32-bit operating system. 64-bit operating systems are not supported. Refer to note #8 below.
Operating System	Microsoft Windows Server 2003 Web Edition SP 2, Enterprise Edition SP 2, or Standard Edition SP 2 Microsoft Windows Server 2003 R2 Enterprise Edition or R2 Standard Edition	Windows Server 2003, Web Edition is designed specifically for dedicated Web servers. A computer running Windows Server 2003, Web Edition, can be a member of a domain, but it can't be a domain controller. In addition, you can't install Microsoft SQL Server on a computer running Windows Server 2003, Web Edition. For more information, refer to the overview of Windows Server 2003, Web Edition .
Processors	1 Dual Core or 2 Single Core Processors	Hyper threading enabled
RAM	2GB	
Network Card	100MB Ethernet Full Duplex	
Internet Information	IIS 6.0	

Services**(IIS)**

Windows SharePoint Services 3.0 or

SharePoint Microsoft Office SharePoint Server 2007 (32-bit Enterprise Edition only)**Internet Explorer** Internet Explorer 6.0 SP 1 or later
Internet Explorer 7.0

.Net Framework 2.0

.Net Framework 3.0

ASP.Net 2.0

Other Applications Microsoft Data Access Components (MDAC) or SQL Native Client
Remote Desktop Web Connection (if using Terminal Services)

Adobe Reader (Required to read or print Microsoft Business Portal manuals)

Back Office Server Refer to the Microsoft Dynamics GP 10.0 System Requirements[Top](#)

Customer Profile 2

Use these guidelines if you:

- ▶ Use two of the following Business Portal modules below

Requisition Management
Human Resources Self Service Suite
Order Management
Project Time and Expense

- ▶ Process fewer than 1500 transactions per day if using Requisition Management, Human Resources Self Service Suite or Project Time and Expense.
- ▶ Process fewer than 2000 orders per day, if using Order Management.
- ▶ Use SQL Reporting Services
- ▶ Use Workflow
- ▶ Have between 500 and 1500 named users using Business Portal, SQL Reporting Services and Workflow
NOTE: A named user is a unique user that accesses Business Portal, SQL Reporting Services, or Workflow and performs a task once every four hours on average. Increased transaction volume per user will decrease the number of users a server can support.
- ▶ Two Web Servers - requirements below apply to each web server

Item	Requirements	Notes
Operating System	Microsoft Windows Server 2003 Enterprise Edition SP 2, or Standard Edition SP 2 Microsoft Windows Server 2003 R2 Enterprise Edition or R2 Standard Edition	The web server computer name cannot contain an underscore(_) The web server must be a 32-bit operating system. 64-bit operating systems are not supported. Refer to note #8 below.
Processors	1 Dual Core or 2 Single Core Processors	Hyper threading enabled
RAM	2GB or more	
Network Card	100MB Ethernet Full Duplex or 1GB Ethernet	

Internet Information Services (IIS)	IIS 6.0
SharePoint	Microsoft Office SharePoint Server 2007 (32-bit Enterprise Edition only)
Internet Explorer	Internet Explorer 6.0 SP 1 or later Internet Explorer 7.0 .Net Framework 2.0 .Net Framework 3.0 ASP.Net 2.0
Other Applications	Microsoft Data Access Components (MDAC) or SQL Native Client Remote Desktop Web Connection (if using Terminal Services) Adobe Reader (Required to read or print Microsoft Business Portal manuals)
Back Office Server	Refer to the Microsoft Dynamics GP 10.0 System Requirements

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Customer Profile 3

Use these guidelines if you:

- ▶ Use all of the following Business Portal modules below
 - Requisition Management
 - Human Resources Self Service Suite
 - Order Management
 - Project Time and Expense
- ▶ Process more than 1500 transactions per day in Requisition Management, Human Resources Self Service Suite and Project Time and Expense.
- ▶ Process more than 2000 orders per day in Order Management.
- ▶ Use SQL Reporting Services
- ▶ Use Workflow
- ▶ Have more then 1500 named users using Business Portal, SQL Reporting Services and Workflow

NOTE: A named user is a unique user that accesses Business Portal, SQL Reporting Services, or Workflow and performs a task once every four hours on average.
Increased transaction volume per user will decrease the number of users a server can support.
- ▶ Three Web Servers - requirements below apply to each web server

Item	Requirements	Notes
Operating System	Microsoft Windows Server 2003 Enterprise Edition SP 2 Microsoft Windows Server 2003 R2 Enterprise Edition	The web server computer name cannot contain an underscore(_)
Processors	2 Dual Core or 4 Single Core Processors	The web server must be a 32-bit operating system. 64-bit operating systems are not supported. Refer to note #8 below. Hyper threading enabled
RAM	4GB or more	
Network		

Card	1GB Ethernet	
Internet Information Services (IIS)	IIS 6.0	
SharePoint	Microsoft Office SharePoint Server 2007 (32-bit Enterprise Edition only)	Web Services is required if using Microsoft Office SharePoint Server 2007
Internet Explorer	Internet Explorer 6.0 SP 1 or later Internet Explorer 7.0 .Net Framework 2.0 .Net Framework 3.0 ASP.Net 2.0	
Other Applications	Microsoft Data Access Components (MDAC) or SQL Native Client Remote Desktop Web Connection (if using Terminal Services) Adobe Reader (Required to read or print Microsoft Business Portal manuals)	
Back Office Server	Refer to the Microsoft Dynamics GP 10.0 System Requirements	

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Microsoft Dynamics GP and Microsoft Business Portal on the same server requirements:

- ▶ Have between 0 and 250 named users using Business Portal

Item	Requirements	Notes
Operating System	Microsoft Windows Server 2003 Enterprise Edition SP 2 or Standard Edition SP 2 Microsoft Windows Server 2003 R2 Enterprise Edition or R2 Standard Edition Microsoft Windows Small Business Server 2003 Premium Edition SP 2 Microsoft Windows Small Business Server 2003 R2 Premium Edition	The web server computer name cannot contain an underscore(_) The web server must be a 32-bit operating system. 64-bit operating systems are not supported. Refer to note #8 below.
Processor	1 Dual Core or 2 Single Core Processors	Hyper threading enabled
Minimum Available RAM	4 GB	
Internet Information Services (IIS)	IIS 6.0	

Microsoft Office SharePoint Server 2007 is not

SharePoint	Windows SharePoint Services 3.0	supported if running Microsoft Dynamics GP and Microsoft Business Portal on the same server. If deploying Microsoft Office SharePoint Server 2007, please refer to the Customer Profiles above.
Internet Explorer	Internet Explorer 6.0 SP 1 or later Internet Explorer 7.0	
Microsoft SQL Server	Microsoft SQL Server 2000 SP 4 Enterprise or Standard Edition Microsoft SQL Server 2005 SP2 Enterprise or Standard Edition	MSDE or SQL 2005 Express editions are not supported with Microsoft Business Portal Microsoft SQL Server must be installed with mixed-mode authentication The Microsoft SQL Server where the SharePoint databases reside must use sort order 52 (Dictionary Order, Case Insensitive)
Back Office	Microsoft Dynamics GP 10.0	
Microsoft Office	Office 2003 Office XP Office 2007 .Net Framework 2.0 .Net Framework 3.0 ASP.Net 2.0	
Other Applications	Microsoft Data Access Components (MDAC) or SQL Native Client Remote Desktop Web Connection (if using Terminal Services) Adobe Reader (Required to read or print Microsoft Business Portal manuals)	

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Perimeter Network Requirements

If you're deploying Business Portal in an extranet environment, you must set up a perimeter network. Business Portal has been tested and documented using Microsoft Internet Security and Acceleration Server (ISA Server) to create a perimeter network. If your company's perimeter network doesn't use ISA Server, we recommend that you use hardware and software with similar functionality. In addition, you should set up the same communication rules and policies as recommended for ISA Server.

For more information about ISA Server, including a hardening guide, refer to the [ISA Server home page](#) on

Microsoft's Web site.

For information about recommended communication rules and policies to run Business Portal in an extranet environment, refer to the [Business Portal Installation Guide](#).

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Client Requirements

Item	Requirements	Notes
Operating System	Microsoft Windows Vista Business Edition (32-bit and 64-bit) Microsoft Windows Vista Ultimate Edition (32-bit and 64-bit) Microsoft Windows Vista Enterprise Edition (32-bit and 64-bit) Microsoft Windows XP Professional SP 2 (32-bit and 64-bit)	Refer to note #8 below for a complete list of products supported on 64-bit.
Processor	Intel Pentium IV 2.4 GHz or higher	
Minimum Available RAM	512 MB (1 GB recommended)	
Internet Explorer	Internet Explorer 6.0 SP 1 or later Internet Explorer 7.0	Some Internet Explorer and workstation settings can affect Business Portal. For more information, Business Portal Installation Guide .
Microsoft Office	Microsoft Office XP Microsoft Office 2003 Microsoft Office 2007	
Other Applications	Adobe 6.0 Adobe 7.0 Adobe 8.0	Adobe Reader (Required to read or printer Microsoft Business Portal manuals)

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Additional Notes:

1. This document represents configurations tested by Microsoft Business Solutions and supported by Technical Support. Use of technologies not specified in this document is not recommended and will not be supported. Testing is ongoing, and as newer technologies become supported this list will be updated.
2. Microsoft Business Portal must be installed in a domain environment
3. If you use antivirus software, consider its requirements when you're calculating processor and RAM requirements for your business.
4. If you use the Small Business Server operating system, your Web server may be a domain controller and may host other server applications, such as Microsoft Exchange. Consider the requirements of all server applications when you're calculating processor and RAM requirements.
5. Microsoft Business Portal is only supported on a server with US English regional Settings. Click [HERE](#) to view a Hot Topic regarding this information.
6. If you have questions regarding licensing SQL Server for use with Microsoft Dynamics GP. Please contact a Licensing Specialist at 1-800-426-9400.
7. Click [HERE](#) to view a KnowledgeBase article regarding support in a virtual environment.
8. Review the 64-bit Support Matrix below to verify the features and/or products you want to use are supported with a 64-bit operating system.

NOTE: The Field Service e-mail feature will not work on a 64-bit server.

10.0 Product	Current Compatibility Status	Notes
Microsoft Dynamics GP Client or Server Installation Business Portal for Microsoft Dynamics GP 10.0 - Internet Information Services Server Business Portal for Microsoft Dynamics GP 10.0 - Client accessing Business Portal Analysis Cubes for SQL 2005 (Client and Server)	Supported on any x64 Operating System	The automatic US Payroll Tax Update Engine is not compatible on any x64 operating system. Run the US Payroll Tax Update Engine from a 32-bit machine.
Microsoft Dynamics GP 10.0 - Internet Information Services Server Business Portal for Microsoft Dynamics GP 10.0 - Client accessing Business Portal Analysis Cubes for SQL 2005 (Client and Server)	Not Supported on any x64 Operating System	Not compatible until the next release of Microsoft Dynamics GP
Microsoft Dynamics GP 10.0 - Client accessing Business Portal Analysis Cubes for SQL 2005 (Client and Server)	Supported on any x64 Operating System	Internet Information Services Server must be on a 32-bit server
Microsoft Dynamics GP 10.0 - Client accessing Business Portal Analysis Cubes for SQL 2005 (Client and Server)	Not Supported on any x64 Operating System	Refer to Knowledge Base Article 929156 for additional information

SQL 2000 (Client and Server)	System	No plans for compatibility
eConnect Runtime (Including the Software Development Kit)	Supported on any x64 Operating System	
Human Resources and Payroll Suite	Supported on any x64 Operating System	
Integration Manager	Supported on any x64 Operating System	
Microsoft Office SharePoint Sever Wizard	Not Supported on any x64 Operating System	Not compatible until the next release of Microsoft Dynamics GP
Personal Data Keeper	Not Supported on any x64 Operating System	Not compatible until the next release of Microsoft Dynamics GP
SQL Server Reporting Services Wizard	Not Supported on any x64 Operating System	Not compatible until the next release of Microsoft Dynamics GP
Web Services Runtime (Including the Software Development Kit, Management Tools)	Not Supported on any x64 Operating System	
Workflow	Not Supported on any x64 Operating System	Not compatible until the next release of Microsoft Dynamics GP
Microsoft FRx Reporter 6.7	Not Supported on any x64 Operating System	No plans for compatibility SYSDATA must be on a 32-bit server
Microsoft FRx Forecaster 6.7	Not Supported on any x64 Operating System	No plans for compatibility
Microsoft FRx Forecaster 7.0	Not Supported on any x64 Operating System	Under investigation for compatibility
Microsoft FRx Web Port 6.7	Not Supported on any x64 Operating System	No plans for compatibility
Visual Studio Tools for Microsoft Dynamics GP 10.0 Software Development Kit	Supported on any x64 Operating System	Service Pack 1 or later is required to use the Dag.exe tool for Microsoft Dynamics GP 10.0 on any x64 operating system
Microsoft Dynamics GP 10.0	Supported on any x64 Operating System	This includes Visual Basic Application compatibility for Microsoft Dynamics GP 10.0. The DSCCS.exe service cannot be launched on an

**Dexterity System
Development
Tools
Microsoft
Dynamics GP
10.0 Supported on any x64 Operating
Software System
Development
Kit**

x64 operating system, however, the service can be used from an x64 operating system if the service is running on a 32-bit operating system.

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