

Microsoft Business Solutions–Solomon 6.0 Configuration Requirements Guide



Purpose

This document provides a guide to the hardware and software minimum requirements for Microsoft Business Solutions–Solomon 6.0. Please keep in mind that these are **minimum** requirements and that improved hardware configuration (More RAM, Faster Processors) will result in better productivity. **Note:** Failure to implement Microsoft Business Solutions–Solomon without using or exceeding the **recommended** configuration guidelines may result in decreased performance.

Outline

This document contains the following sections:

- A. Microsoft Business Solutions–Solomon Configuration Requirements – Server, Workstations, and Single User
- B. Microsoft Business Solutions–Solomon Remote Connectivity Configuration Requirements
- C. Microsoft Business Solutions–Solomon *Tools for Visual Basic* Configuration Requirements
- D. *FRx Report Server* Configuration Requirements
- E. Order Management Process Manager Configuration and Seat Requirements
- F. Requirements for All Installations
- G. Application Server Configuration Requirements
- H. Office XP SmartTag Manager Configuration Requirements
- I. Microsoft Office Project Connector for Solomon Configuration Requirements
- J. Items not covered in this guide

A. Microsoft Business Solutions–Solomon Configuration Requirements – Server, Workstations, and Single User

Database Server

Recommended Minimum

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| <ul style="list-style-type: none">• Server-Class, 700 MHz Pentium III or better (Intel based)• 512 MB of RAM |
| <p>Note: More server memory may be required for increased user demands.</p> <ul style="list-style-type: none">• Microsoft Windows 2000 Server with Service Pack 3 OR• Microsoft Windows Server 2003 OR• Microsoft Small Business Server 2000 OR• Microsoft Small Business Server 2003• Microsoft SQL Server 2000 Standard Edition with Service Pack 3a• 250 MB hard drive space plus database size, in addition to what is required for Windows 2000 Server, Windows Server 2003, SQL Server, and other programs on the network. The amount of space for data can vary dramatically depending on the number of databases, amount of retention, and transaction volume.• Depending on the transaction load, the number of users, database size/growth, and activity on your existing file server, a dedicated SQL database server (separate server) may be required. |

- If utilizing separate database servers for multiple application databases, each database server must have the appropriate Microsoft software licenses and a Microsoft Business Solutions–Solomon system database. **Note:** The use of this configuration must conform to Microsoft Business Solutions licensing requirements and that some multi-company restrictions will apply.

NOTE: If you are planning on running Microsoft Business Portal refer to the Microsoft Business Portal requirements document.

Client Workstations

Recommended Minimum

<ul style="list-style-type: none"> • 450 MHz Pentium II Processor or better (Intel based) • 512 MB of RAM
<p>Note: the amount of workstation RAM required depends on the number of applications open at one time on the desktop. Client workstations running Distribution Series screens or screens that are highly customized require 512 MB of RAM</p>
<ul style="list-style-type: none"> • Windows 2000 Professional with Service Pack 3 OR • Windows XP Professional with Service Pack 1 OR • Windows Server 2003
<ul style="list-style-type: none"> • A Monitor with a resolution of 1024x768 or higher
<ul style="list-style-type: none"> • Client Installation of Microsoft SQL Server 2000 Standard Edition with Service Pack 3a • 400 MB hard drive space on the client workstation or application server on which all Microsoft Business Solutions–Solomon programs are installed.

Single User Installation

Recommended Minimum

<ul style="list-style-type: none"> • 450 MHz Pentium II Processor or better (Intel based) • 512 MB of RAM
<p>Note: the amount of workstation RAM required depends on the number of applications open at one time on the desktop</p>
<ul style="list-style-type: none"> • Windows 2000 Professional with Service Pack 3 OR • Windows XP Professional with Service Pack 1 OR • Windows Server 2003
<p>Note: Windows 2000 Professional <u>required</u> if using Microsoft Business Solutions–Solomon Project Accounting with Microsoft Office Project Connector for Solomon (Microsoft Office Project Integration)</p>
<ul style="list-style-type: none"> • A Monitor with a resolution of 1024x768 or higher.
<ul style="list-style-type: none"> • Microsoft SQL Server 2000 Personal Edition with Service Pack 3a

B. Microsoft Business Solutions–Solomon Remote Connectivity Configuration Requirements

Note that the following are the only supported configurations for Microsoft Business Solutions–Solomon remote connectivity. Any other remote connectivity configuration options that are not noted are not supported.

Database Server

Identical to Section A above.

Terminal Server

Recommended Minimum

- Server-Class Dual Processor 450 MHz Pentium III or better (Intel based).
- A Monitor with resolution of 1024x768 (SVGA) or higher.
- Use one of the following formulas for calculating total RAM:
- 128 MB of RAM plus 32 MB of RAM per user connecting to the Terminal Server
- 128 MB of RAM plus 48 MB of RAM per Order Management/Order Management Plus user connecting to the Terminal Server.

Note: The amount of RAM required depends on the number of applications open at one time on the desktop and the number of users (minimum of 128 MB of RAM with 32MB of RAM for each remote user).

- Windows 2000 Server with Service Pack 3 (which includes Windows Terminal Services)
- Windows Server 2003
- Client Installation of Microsoft SQL Server 2000 Standard Edition with Service Pack 3a OR
- 400 MB hard drive space for installing all Microsoft Business Solutions–Solomon programs.

Remote Access Workstation

- If accessing Citrix Metaframe, hardware and software must be supported according to the Citrix Metaframe configuration requirements. Refer to the following web address:
<http://www.citrix.com>

C. Microsoft Business Solutions–Solomon *Tools for Visual Basic* Configuration Requirements

- Database Server, Client Workstation, and Single User environment requirements are identical to Section A above.
- Microsoft Visual Basic 6.0 Professional Edition with Service Pack 5.
- Professional Edition Xtreme Command Bars for Visual Basic control license from CodeJock Software is required to be installed on each developer workstation. Choose the ActiveX for Visual Basic (Active-X) option. This control is required for the application toolbar introduced with the Solomon 6.0 enhanced User Interface. This control may be obtained from www.codejock.com.

D. *FRx Professional Report Server* Configuration Requirements

- 266 MHz Pentium II Processor or better (Intel-based (dual processor capable))
- 128 MB of RAM plus 64 MB of RAM per CPU
- Windows 2000 Server with Service Pack 3
- 250 MB hard drive space in addition to what is needed for Windows 2000 Server
- MAPI-compliant mail service

E. *Order Management Process Manager* Configuration and Seat Requirements

The Process Manager within the Order Management module can run on the Database Server with recommended requirements at a minimum or on a dedicated workstation. It continuously reviews orders, inventory availability, credit status and can automatically process the order steps according to the Order Type setup - such as create a shipper, print packing lists, and print invoices.

This automated process monitors and manages the order fulfillment process and eliminates the need to dedicate staff for processes such as producing pick tickets, packing slips, filling back orders, and reviewing customers changing credit status. It is designed to evaluate all of these factors continuously and there are a number of elements of Process Manager that must be considered when planning for an implementation. These conditions are as follows:

- There needs to be a Process Manager running for each company that has a separate database.
- A single server can only run one Process Manager. If there are multiple databases, each additional Process Manager must run on a separate server or a dedicated workstation.

Configuration of a dedicated stand-alone machine that runs Process Manager only is as follows:

- 450 MHz Pentium II Processor or better (Intel-based), at minimum. Better processor and additional memory is needed with higher volumes of data.
- 512 MB RAM is recommended, 256 MB of RAM is the minimum requirement to run Process Manager.
- Windows 2000 Professional with Service Pack 3 OR
- Windows Server 2003
- Microsoft Business Solutions–Solomon Client Installation

Note: Process Manager does **not** consume a Microsoft Business Solutions–Solomon seat license.

F. Requirements for All Installations

Common

- A CD-ROM drive is required to install the system. Supplemental programs and updates will be provided on CD-ROM or by download.
- Current Network Interface Card (NIC) drivers. Updated NIC drivers can usually be downloaded from the NIC vendor's Web site.
- Hardware must be supported according to the Microsoft Windows Hardware Compatibility List for the Operation System you are planning to use.
- Operating Systems for different server configurations need not be identical. For example, the SQL Server database server could be running Windows 2000 Server with Service Pack 3 and the Web Server could be running Windows Server 2003.

Printer

A laser printer is recommended for use with Microsoft Business Solutions–Solomon. Most reports print in landscape mode on 8.5 x 11" paper. Although Windows will map printed output to non-laser printers the printing could be very slow. Special forms were designed to work acceptably on either a laser printer or a contact type printer. Your contact type printer must have Windows driver support. Additional memory on the printer can enhance printing performance for long running print jobs.

Please be advised of a problem with existing Windows 2000 printer drivers for some dot matrix printers. Our Technical Support team has encountered cases where there is a lack of printer functionality in Microsoft Business Solutions–Solomon or Crystal Reports. While some printer drivers may appear to function correctly, options such as changing paper size or passing font information may not operate correctly. In some instances, substituting another printer driver may resolve the problem.

Internet / E-Mail

- Internet access for communication with Microsoft Business Solutions–Solomon Support and to obtain software updates.
- Internet access for automatic submission of Watson errors.
- Messages can be sent using the Internet or Electronic Mail. The Documentation Feedback tool requires access to email.

G. Application Server Configuration Requirements

Application Server can run on any machine that has the Microsoft Business Solutions–Solomon client setup program installed. The machine can be either a client workstation or the Database Server. When Application Server is running, it is an exclusive process and should not be run simultaneously with other Microsoft Business Solutions–Solomon applications (including Order Management Process Manager). Configuration Requirements for Application Server are the same as any Microsoft Business Solutions–Solomon workstation. Note that a full installation of the Microsoft Business Solutions–Solomon programs is not required on the workstation. Application Server, when running, does not consume a Microsoft Business Solutions–Solomon seat license.

Recommended Minimum

- 450 MHz Pentium II Processor or better (Intel based)
- 128 MB of RAM

Note: the amount of workstation RAM required depends on the number of applications open at one time on the desktop.

- Windows 2000 Professional with Service Pack 3 OR
- Windows 2000 Server with Service Pack 3 OR
- Windows Server 2003 OR
- Windows XP Professional with Service Pack 1.

Note: Windows 2000 or Windows XP Professional required if Application Server will run Microsoft Business Solutions–Solomon Order Management processes, reports, or Transaction Imports.

- Client Installation of Microsoft SQL Server 2000 Standard or Personal Edition with Service Pack 3a
- Client Installation of Microsoft Business Solutions–Solomon 6.0.
- Microsoft Outlook 2000 or Microsoft Outlook 2003 and Collaborative Data Objects. (Note: Microsoft Outlook XP can only be used on the Application Server if Microsoft Exchange is used as the email server software due to the need to register Application Server with the Microsoft Collaboration Data Objects (CDO) in Outlook XP)

Application Server E-mail Configuration Requirements

An email configuration is not required in order to use Application Server. However, in order to use e-mail report routing as well as submit requests via e-mail, an email system must be present and the machine where the Application Server will run must have an installation of **Microsoft Outlook 2000 or Microsoft Outlook 2003** with a profile configured to access e-mail. Note that Outlook 2000 or Outlook 2003 must support the email system in order to configure a profile. In addition, Microsoft Collaboration Data Objects (CDO) must be installed during the Outlook 2000 or Outlook 2003 installation. Collaboration Data Objects must be manually selected when using the Typical or Custom Outlook 2000 installation option. **Note:** Microsoft Outlook XP can only be used on the Application Server if Microsoft Exchange is used as the email server software due to the need to register Application Server with the Microsoft Collaboration Data Objects (CDO) in Outlook XP.

Note that a sender of an email to Application Server may be on any email client type.

H. Office XP SmartTag Manager Configuration Requirements

- Database Server, Client Workstation, and Single User environment requirements are identical to Section A above.
- Client machines will need Microsoft® Office XP or Microsoft® Office 2003 with the latest Service Pack and meet the configuration specifications for that product.

I. Microsoft Office Project Connector for Solomon Configuration Requirements

- Database Server, Client Workstation, and Single User environment requirements are identical to Section A above with the exception that Windows 2000 Server or Windows 2003 Server is the required Server Operating System.
- Client machines will need Microsoft® Project Professional 2002 or Microsoft® Project Professional 2003 with the latest Service Pack and meet the configuration specifications for that product.

- A Server Class machine will be needed for Microsoft® Project Server 2002 or Microsoft® Project Server 2003 with the latest Service Pack and meet the configuration specifications for that product.

J. Items Not Covered in the Guide

This document does not cover configurations guidelines, explicitly or implied, unless otherwise stated, for the following products. This list is not inclusive of all products that integrate, share data, or in any other way work with Microsoft Business Solutions–Solomon. Refer to the configuration guides specific to these or other software applications for further configuration information.

- Microsoft Business Solutions Business Portal
- Microsoft Retail Management Systems
- Microsoft Office
- Microsoft MapPoint
- Microsoft Project 2002 or 2003