

# The Intercompany Integration Solution for SAP Business One 8.82 PL08 and Higher

Australia, Austria, Belgium, Brazil, Canada, France, Germany, Israel, Ireland, Italy, Netherlands, New Zealand, P.R. China, Russia, Singapore, South Africa, Spain, Switzerland, UK, USA

# Typographic Conventions

Type Style	Description
<i>Example</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
<b>Example</b>	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
<b>Example</b>	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER.

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# 1 Introduction

The Sizing Guide for the Intercompany integration solution for SAP Business One provides minimum hardware sizing recommendations.

## Note

The minimum hardware requirements outlined here are just recommendations to support operational processes at lowest level. For smooth operations, any given installation should ideally have a hardware configuration that is standard to the market.

## Caution

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Please review and understand the following before using this document for deployment:

- The information provided and the recommendations made do not take into consideration the use of any other Add-on or Solution utilizing the SAP Business One SDK (UIAPI and DIAPI) or SAP Business One Integration Component (such as the Mobile or Electronic Invoicing Solution) or any other SAP Business One company database outside the Intercompany landscape.
- The information provided and the recommendations made are based on performance indicators derived during the internal tests conducted at SAP. These recommendations can contain margins of error that can be reduced with additional testing and research by partners of the specific customer environment.
- If you have high level of transaction volume or other extraneous factors exist which could hinder performance or introduce additional complexities, the recommendations in this document may be inadequate.

## 2 Hardware Recommendation

This section provides the minimum server hardware sizing recommendations for the Intercompany Integration Solution deployed on a single server.

No. of Companies	Processor	Memory	Free Hard Disk	Notes
Up to 4 company databases Example – 1 Head Office, 2 Branch Companies, 1 Consolidation Company	Dual Core 2.2 GHz or better	4 GB	10 GB	<ul style="list-style-type: none"> <li>32 Bit or 64 Bit OS</li> </ul>
Up to 8 company databases	Quad Core 2.2 GHz or better	8 GB	15 GB	<ul style="list-style-type: none"> <li>64 Bit OS</li> <li>Allocate 4 GB to SQL Server</li> <li>Allocate 2 GB to SAP Business One Integration Server (Apache Tomcat)</li> </ul>
Up to 16 company databases	Quad Core 2.2 GHz or better	16 GB	20 GB	<ul style="list-style-type: none"> <li>64 Bit OS</li> <li>Allocate 8 GB to SQL Server</li> <li>Allocate 4 GB to SAP Business One Integration Server (Apache Tomcat)</li> </ul>
Additional blocks of 4 company databases That is – more than 16 and up to 30 company databases	Quad Core 2.2 GHz or better	16 GB + additional 4 GB for each block of 4 company databases	20 GB + 5 GB for each block of 4 company databases	<ul style="list-style-type: none"> <li>64 Bit OS</li> <li>Allocate 8 GB to SQL Server</li> <li>Allocate 4 GB to SAP Business One Integration Server</li> </ul>

No. of Companies	Processor	Memory	Free Hard Disk	Notes
				(Apache Tomcat)

 **Caution**

This document does not cover sizing recommendations for large environments with more than 30 company databases on a single server. Due to the specific and individual nature of such large customer environments, you must individually perform tests and research specific to your customer's environment with realistic data and ensure the overall performance of the system.

 **Note**

The solution can replicate at an average of 5000 to 7000 Intercompany transactions over a period of 12 hours when running on a single instance of SAP Business One.



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