

## Sizing Guide

Intercompany Integration Solution for SAP Business One

PUBLIC

# Intercompany integration solution for SAP Business One 8.82 PL08 and higher

# 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 recommendations to support operational processes at the lowest level. To ensure smooth operation, any given installation should ideally have a hardware configuration that is standard to the market.

## Caution


The information contained in this document represents the current view of SAP and is subject to change at any time without notice. This document and its contents are provided AS IS without warranty of any kind, and should not be interpreted as an offer or commitment on the part of SAP.

We recommend that you review the following points before proceeding with deployment:

- The information provided and the recommendations made in this document do not take into consideration the use of any other add-on or solution using 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 other than the Intercompany landscape.
- The information provided and the recommendations made are based on performance indicators derived from internal tests conducted at SAP. These recommendations may contain margins of error that can be reduced with additional testing and research performed by partners of the specific customer environment.
- If you have a high level of transaction volume or other extraneous factors exist which could hinder performance or introduce additional complexities, the recommendations made in this document may be inadequate.

## 2 Hardware Recommendations

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 (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</li> </ul>

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

 **Caution**

This document does not provide sizing recommendations for higher density environments with more than 30 company databases on a single server. Due to the specific nature of such large environments, we recommend that you individually perform testing and research specific to your customer's environment with realistic data to 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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