



CAS genesisWorld

CAS genesisWorld System Requirements

September 2016
Doc. Version 35

As a rule, all components of CAS genesisWorld (client, application server, database server) can be installed on one computer (single workstation). The system requirements for the application server then apply. However, you can also install the components on different computers if several users (clients) work with the program. Please read the following pages for information and recommendations for the architecture and configuration of your system.

Client ¹

Processor	PC of the latest generation ²
Main memory	2 GB, recommended: 4 GB
Operating system	Microsoft Windows 7 or Windows 8 recommended
Resolution ³	minimum 1024x768
Color depth	minimum 16-bit

Application server ⁴

Processor	PC of the latest generation ^{5,6}
Hard drive	System and document archive
Main memory ⁴	4 GB, recommended: 8 GB
Operating system	Please see the CAS Software AG release notes.

Database server ⁷

Processor	PC of the latest generation ⁵
Main memory ^{8,9}	4 GB, recommended: 8 GB ¹¹
Operating system	Please note the Microsoft release notes for SQL server
Database system	Microsoft SQL Server 2008 R2 or 2012 recommended
Hard disk system	High-performance RAID

E-mail server

The e-mail server must support IMAP or POP3 protocols according to the defined standard. The e-mail server must be multi-session capable.

General note

Please note that all information on this page are minimum requirements. You will find more detailed information, for example, on released client and server operating systems, in the "Release Notes CAS Products".

You require Internet access to view the online help files.

You must run the Microsoft Active Directory service in order to operate CAS genesisWorld.
Microsoft live accounts are not supported for the logon.

Explanations

¹ Please note the system requirements for the application server when working with laptop installations with replication function.

² Requires at least 2 cores.

³ Please make sure you use the latest 2D video card driver.

⁴ The maximum memory for the application server is 3 gigabyte RAM (32-bit), and 4 gigabyte RAM (64-bit).

⁵ Requires at least 2 cores, we recommend 4 cores or more.

⁶ The CPU performance is dependent on the performance of one individual core. For best performance, deploy multi-core application servers to ensure that background processes can use enough resources.

⁷ We recommend that you use a separate database server when you have reached 50 users or clients. Please look up the Hardware Infrastructure sheet for further recommendations of how to configure your system.

⁸ The size of the recommended memory depends on the users/clients working on the system, at least 4 gigabyte RAM; we recommend to take half of the database size as RAM value.

⁹ It is important that you define a maximum memory value that cannot be exceeded, this is because the SQL server addresses all the available RAM that it finds. From experience we know that the calculated RAM loads for the SQL server should never exceed more than 80 percent.

¹⁰ As these browsers are very frequently updated, possible incompatibilities with CAS genesisWorld may occur. In case of incompatibilities, CAS Software will inform you as soon as possible.

¹¹ When using Web and Java Services on the DCOM Application Server we recommend that you use an additional 2GB of RAM for each service.

CAS Software AG, CAS-Weg 1 - 5, 76131 Karlsruhe, Germany, www.cas.de/en

Tel. +49 721-9638-188, Fax +49 721 9638-299, Sales@cas.de

