

macs complete

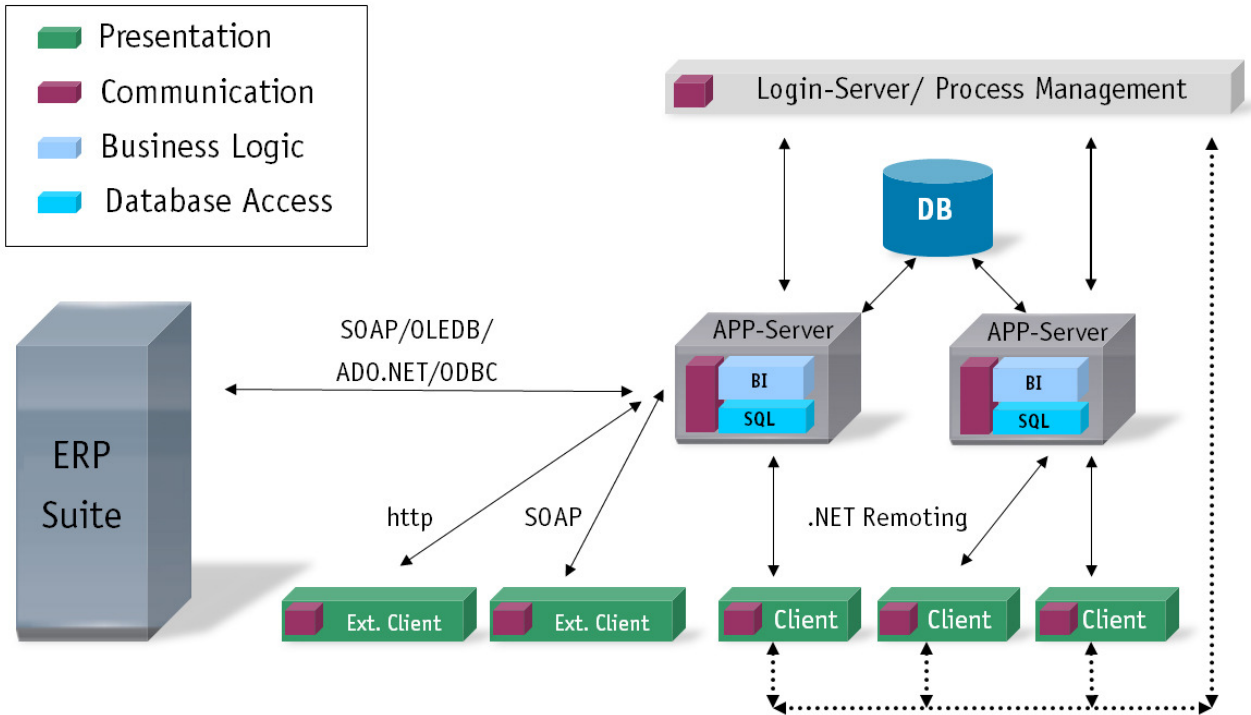
Hardware/Software Requirements Administrator's Reference

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1 Architecture



2 Database Server

2.1 Hardware

Minimum requirements

- Standard Server
- Processor e.g. Intel Pentium4 , AMD Athlon
- At least. 4 GB RAM (Primary)
- At least 100GB free disk space (hard drive, operating system and data storage seperated from Database)
- Gigabit Network Card

Database server needs following Configuration

- Standard Server
- 2 Processors, e.g.. Intel Pentium4 Intel XEON
- 8 to 16 GB RAM
- 200 GB Hard drive (RAID 0...10), split into multiple disks, preferably SCSI-drives or SATA
- Data backup device (tape drive or DVD RW writer)
- Gigabit Network Card
- UPS

2.2 Operating Sytem

The operating system of the server is dependent on the server requirements. Storage space is dependent on data volume expected. Depending on the DBMS Windows 2000/NT/2003/2008 can be used as well as Unix.

2.3 Supported DBMS

- Oracle > Version 8.x
- Microsoft SqlServer > Version 8.x
- DB2/AS400 > Version 5.4
- DB2 / NT > Version 8.0.1

3 Application Server

The „macs application service“ performs storage-intensive processes depending on the business planning functionality implemented. A high performance link to the underlying database is of particular importance. Clients require a similar connection to the server.

The „macs application service“ can also run on the database server, instead of an application server.

3.1 Hardware

Application server needs following or similar Configuration:

- Standard Server
- 2 Processors, e.g. Intel Pentium4 Intel XEON
- 4 GB RAM (Primary)
- 100 GB Hard drive (RAID 0...10), split into multiple disks, preferably SCSI-drives or SATA
- Data backup device (tape drive or DVD RW writer)
- Gigabit Network Card
- UPS

3.2 Operating System

The Server's operating system must be able to support .NET Framework 3.5. Current options are Windows Server 2003/Server 2008/Vista/XP/7 (either 32 oder 64bit).

3.3 Additional Software

The .NET Framework 3.5 must be installed. Additionally, and depending on the DBMS in use, the relevant Client Software needs to be installed.

E.g AS400 ClientAccess

4 Client

The Clients partially takes on some of the calculation processes. Therefore the hardware of the client can influence performance.

The Client should also have a high performance connection to the application server.

4.1 Hardware

- Standard Client- / Desktop PC
- 1 Processor, e.g. Intel P4 or AMD Athlon > 2Ghz
- 1 GB RAM (Primary)
- >20GB Hard Drive
- 100Mbit / Gigabit network card

4.2 Operating System

These Client operating systems are supported

- Microsoft Windows XP SP3
- Microsoft Vista (32/ 64bit)
- Microsoft Windows 2003 / 2008 (32/ 64bit)
- Microsoft 7 (32/64bit)

4.3 Software

.NET Framework 3.5 must be installed.

4.4