Requirements for the Server System
for Software Management Suite

This paper explains requirements for installation and reliable operation of Software Management Suite.

Database System Microsoft SQL Server

The database system for Software Management Suite is Microsoft SQL Server 2012 or later. Support is currently ensured for SQL Server 2008 R2 to SQL Server 2012. Microsoft SQL Server 2014 is not currently supported.

The bundled Microsoft SQL Server 2012 Standard license is a "Microsoft SQL Server Runtime License" and therefore solely dedicated to Software Management Suite. The license suspends Microsoft multiplexing rules for unified solutions like Software Management Suite.

Virtualization

If the installation of Software Management Suite is planned on a virtualized server, please specify the number of physical hosts in the cluster when ordering to make sure vMotion resp. license mobility is covered.

Requirements for processing capacity

All processes running on SQL Server claim performance, main memory and the I/O system. Software asset management systems continuously transfer data from the file system to the database. Consequently, Software Management Suite gets the most out of fast I/O systems. Therefore, please attach importance to the I/O processing capacity.

SQL Server uses the available main memory to execute tasks faster. Therefore, RAM capacities below 16GB is recommended for installations with less than 1000 assets. If memory is a bottleneck, please provide RAM from 4GB, then watch the SQL server utilization and system performance.

Monitoring

The use of monitoring increases I/O load and space required on hard drives. A statement about the actual space required depends on the number of assets and the data provision period. The needed space may grow with a data collection of one year to approximately 150% of the database size with no monitoring enabled. Important is the used monitoring opration mode - Logging start and stop of programs or solely log starts.

Dedicated Server for Software Management Suite

An installation of Software Management Suite on a non-dedicated system may well pull unplanned time and costs. Therefore, such an installation must be ordered separately and will be charged exclusively based on actual used time.

Microsoft SQL Server Cluster

Basically installations on a SQL Clusters are not supported.

Operating System and Required Server Roles

Microsoft Windows 2008 R2 Server 64 bit Standard, Enterprise or Datacenter or later is recommended.
The activation of the following roles is required during installation:
.NET 3.5 (complete) and Microsoft IIS (complete except for the following:. WebDAV Publishing, Logging Tools, IIS 6 Compatibility Content, FTP Server, IIS Host Able Web Core)
.NET 4.5 is required.

CPU	Multi-core CPU with 64-bit implementation, from 2.0 GHz, from 4 cores. When working with virtualization please provide performance accordingly. With less than 1000 scanned and managed assets less CPU power is possible.
RAM	From 16 GB. In the case of virtualization please dedicate RAM to this system. With less than 1000 scanned and managed assets less RAM allocation is possible. If memory is a bottleneck, please adjust as needed from 4GB then watch the load on the SQL server and the performance of the system.
Festplatte	From 100 GB Raid 1+0, RAID 5 or RAID Level suitable for databases. Recommended is a storage solution with very high I/O density
Software	Microsoft Windows from 2008 R2 Server 64 Bit Standard, Enterprise or Datacenter Edition, Microsoft SQL Server from 2008 R2 64 Bit, Microsoft IIS, .NET 3.51 und .Net 4.5.