



## System requirements

To guarantee a stable continuous operation, it is necessary to check the system requirements before using the new solution concept.

This check can contain the following criteria:

- ▶ Information of the respective producer
- ▶ Existing project-specific analyses
- ▶ Experiences from similar projects

## Approval status Microsoft operating systems/Microsoft Dynamics NAV

	Microsoft Dynamics NAV 5.0 <sup>3</sup>	Microsoft Dynamics NAV 5.0 SP1	Microsoft Dynamics NAV 5.0 SP1 Update 2	Microsoft Dynamics NAV 2009	Microsoft Dynamics NAV 2009 SP1	Microsoft Dynamics NAV 2009 R2
Microsoft Windows XP SP3	yes	yes	yes	yes	yes	yes
Microsoft Windows 2000	no	no	no	no	no	no
Microsoft Windows Server 2003 SP2	yes	yes	yes	yes	yes	yes
Microsoft Windows Server 2003, 64-Bit Edition	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*
Microsoft Windows Server 2003, R2	yes	yes	yes	yes	yes	yes
Microsoft Windows Server 2003, R2 64-Bit Edition	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*
Microsoft Windows XP Professional, 64-Bit Edition	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*
Windows Vista	yes	yes	yes	yes	yes	yes
Windows Vista, 64-Bit Edition	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*
Windows Server 2008	no	yes with update 956161	yes	yes	yes	yes
Windows Server 2008, 64-Bit Edition	no	yes with Update 956161 and WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*	yes in WOW mode*
Windows Server 2008, R2 64-Bit	no	no	yes	no	yes	yes
Windows 7	no	no	yes	no	yes	yes

\*WOW mode: Windows on Windows mode, a 32-Bit application runs in 32-Bit context on a 64-Bit operating system.

<sup>3</sup> Please note that this Microsoft Dynamics NAV release is no longer in the product lifecycle.



## Workstations

The typical workstation in Microsoft Dynamics NAV can be a classical PC workstation as well as a thin client system – E.g. minimum requirements PC workstation: 2 GB main storage, 10 GB free hard disk capacity and a 100/1000 Mbit/s network connection.

## Service tier for RoleTailored client and Microsoft Dynamics NAV Webservice

The RoleTailored client (RTC) based on a 3-tier Architecture. The service tier is a Microsoft Dynamics NAV service on a Windows Server. Each service tier can be handled by a limited amount of RTCs (about 25).

For the operation with the service tier we recommend a separate domain account to minimize security risks. A domain functional level of Active Directory at least Microsoft Windows Server 2003 (pure) including support tools is prerequisite.

## Released SQL/NAV combinations

SQL Version	Microsoft Dynamics NAV 5.0 <sup>3</sup>	Microsoft Dynamics NAV 5.0 SP1	Microsoft Dynamics NAV 5.0 SP1 Update 2	Microsoft Dynamics NAV 2009	Microsoft Dynamics NAV 2009 SP1	Microsoft Dynamics NAV 2009 R2
2000 SP4	yes with HF1*	yes	no	no	no	no
2005 RTM	yes <sup>2</sup>	yes	yes	no	no	no
with SP1	yes <sup>2</sup>	yes	yes	no	no	no
with SP2	yes <sup>2</sup>	yes	yes	yes	yes	yes
with SP3	yes <sup>2</sup>	yes	yes	yes	yes	yes
2005 x64 RTM	yes <sup>2</sup>	yes	yes	no	no	no
with SP1	yes <sup>2</sup>	yes	yes	no	no	no
with SP2	yes <sup>2</sup>	yes	yes	yes	yes	yes
with SP3	yes <sup>2*</sup>	yes*	yes*	yes*	yes*	yes
2008 RTM	yes <sup>2</sup>	yes	yes	yes	yes	yes
with SP1	yes <sup>2</sup>	yes	yes	yes	yes	yes
2008 x64 RTM	yes <sup>2</sup>	yes	yes	yes	yes	yes
with SP1	yes <sup>2</sup>	yes	yes	yes *	yes*	yes
2008 R2 RTM	no	no	yes	no	yes	yes*

\* recommended GOB combination

<sup>2</sup> upgrade to Microsoft Dynamics NAV 5.0 SP1 is recommended

<sup>3</sup> Please note that this Microsoft Dynamics NAV release is no longer in the product lifecycle.

For the corresponding SQL Server versions the respective minimum requirements for the operating system and hardware are valid.



## Microsoft Dynamics NAV release versions

We recommend the use of the current release versions, in accordance with the Microsoft Support Matrix.

Further information can be found in the GOB Customer Portal:

<https://extranet.gob.de/Seiten/ProductLifeCycle.aspx>

Microsoft Dynamics NAV differentiates between a business and a technical major release. If the two release levels differ, this is called a hybrid installation. Check on the Microsoft Website, if these are supported by Microsoft.

For the following reasons, an exclusively technical update within a major release can be useful:

- ▶ Compatibility of the specified operating system
- ▶ Compatibility of other Microsoft Dynamics NAV or *unitop* modules
- ▶ Compatibility of third party software
- ▶ Stability and performance of the system
- ▶ et al.

If you want to be informed about the possibilities of a hybrid installation, please contact the GOB.

## Monitor

For reasons of ergonomics, we recommend the use of 19" or 22"/24" flat screen monitors.

## Office

A smooth data communication can only be achieved by current program versions because of the high integration of the Microsoft Office products in Microsoft Dynamics NAV. This includes the Microsoft Office versions 2007 and 2010.



### **Virtualization**

The virtualization platforms Microsoft Hyper-V und VMware vSphere are released for current Microsoft Dynamics NAV versions. The system requirements appeal at least to the manufacturer's default.

### **Printer**

Any printer system with Windows compatible drivers can be used in a local network and at external locations.

### **Network infrastructure**

Passive network components: A structured cable network by at least category 5

Active network components: switches for server LAN at least 1Gbit/s, client LAN at least 100Mbit/s

Network protocol: TCP/IP

### **IT security**

A corresponding basic protection is required for safe operation of the IT structure:

- ▶ Antivirus and malware protection on PC devices, servers, and mail systems
- ▶ Firewall and/or proxy protected Internet access
- ▶ Uninterruptible power supply (UPS)
- ▶ Backup
- ▶ Technical documentation of the IT structure

The listed system requirements correspond to the current state of January 2012.

Technical changes are reserved. The document is updated in March 2012.