

AVF Consulting, Inc.

System Requirements

For Microsoft Dynamics NAV 2013 R2 and
Navigator 2013 R2

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System Requirements for Microsoft Dynamics NAV 2013 R2

Microsoft Dynamics NAV 2013 R2 supports two types of client interfaces. First, core users typically access the system through the standard Windows client. The Windows client utilizes a three-tier architecture. In addition to the Windows client, Microsoft Dynamics NAV 2013 R2 also offers a web-based access using a standard Internet browser.

The following tables provide the required computing environment; however, AVF Consulting would work with your organization to properly size the hardware configuration to meet your performance and redundancy requirements.

System Requirements for Microsoft Dynamics NAV 2013 R2 Database Components for SQL Server

The following table shows the minimum system requirements for Microsoft Dynamics NAV 2013 R2 database components for SQL Server.

Operating System	The database components run on the following versions Windows: ▪ Windows Server 2012 R2 Standard, or Enterprise ▪ Windows Server 2012 Standard, or Enterprise ▪ Windows Server 2008 R2 Standard, or Enterprise
Hardware Resources	The following items below are the recommended hardware configuration for the SQL Server CPU: Dual Quad Core Processors RAM: 16 GB Minimum. 24 GB or More is Recommended NIC: Gigabit Ethernet Network Card Disk Drives Configuration: ▪ RAID 1 – OS drive (min of 80GB) ▪ RAID 10 – SQL Databases Drive ▪ RAID 1 or RAID 10 – SQL Transaction Logs Drive for the Log Files ▪ RAID 1 or RAID 10 – SQL TempDB drive
SQL Server	The database components run on the following versions and editions of SQL Server: ▪ Microsoft SQL Server 2012 Standard, or Enterprise (64-bit editions only). ▪ Microsoft SQL Server 2008 R2 Standard, or Enterprise (64-bit editions only). ▪ Microsoft SQL Server 2008 Express, Workgroup, Standard, or Enterprise (64-bit editions only).

Important: AVF recommends using a physical server vs virtual machine for SQL Server configuration. If SQL Server will be virtualized, database, transaction logs and tempDB files must be on its separate LUNs.

System Requirements for Microsoft Dynamics NAV 2013 R2 Server

The following table shows the minimum system requirements for Microsoft Dynamics NAV Server.

Operating System	Microsoft Dynamics NAV Server runs on 64-bit editions of the following versions of Windows: ▪ Windows Server 2012 R2 Standard, or Enterprise ▪ Windows Server 2012 Standard, or Enterprise ▪ Windows Server 2008 R2 Standard, or Enterprise
Hardware Resources	The following items below are the recommended hardware configuration for the NAV Server CPU: Dual Quad Core Processors RAM: 8 GB Minimum NIC: Gigabit Ethernet Network Card Disk Drive Configuration: ▪ RAID 1 – OS drive and Nav applications (min of 100GB)
Additional Software	▪ Microsoft .NET Framework 4.5 Microsoft Dynamics NAV 2013 R2 Setup installs this software if it is not already present on the target computer. ▪ Windows PowerShell 3.0. For other supported operating systems, see Windows Management Framework 3.0 on the Microsoft Download Center. ▪ Microsoft Report Viewer 2012 is required for Save as Excel or Save as PDF functionality. Microsoft Dynamics NAV 2013 R2 Setup installs this software if it is not already present on the target computer.

Note: NAV Server can be virtualized using Microsoft Hyper-V.

System Requirements for Microsoft Dynamics NAV 2013 R2 Web Client

The following table shows the minimum system requirements for the Microsoft Dynamics NAV 2013 R2 web client.

Operating System	- Operating System (only 64-bit editions supported): Windows 7, Windows 8, Windows Server 2008 R2, or Windows Server 2012. - Microsoft .NET Framework 4.5. Microsoft Dynamics NAV 2013 R2 Setup installs this software if it is not already present on the target computer. - Internet Information Server 7.0 or Internet Information Server 8.0. The following features must be enabled: .NET Extensibility in IIS 7.0 or .NET Extensibility 4.5 in IIS 8.0 - ASP .NET in IIS 7.0 or ASP .NET 4.5 in IIS 8.0 - ISAPI Extensions - ISAPI Filters - Request Filtering - Windows Authentication - Static Content - HTTP Activation Microsoft Dynamics NAV 2013 R2 Setup installs IIS with the required features enabled if it is not already present on the target computer. - Windows PowerShell 3.0. For other supported operating systems, see Windows Management Framework 3.0 on the Microsoft Download Center. - Report Viewer 2012.
Hardware Resources	The following items below are the recommended hardware configuration for the Web Client. CPU: Dual Quad Core Processors RAM: 8 GB Minimum NIC: Gigabit Ethernet Network Card Disk Drive Configuration: RAID 1 – OS drive and Nav applications (min of 100GB)
	Note: The browser must be able to install the Report Viewer ActiveX control to be able to print. Supported: - Internet Explorer 9 on Windows 7, Windows Server 2008 R2, or Windows Server 2008 (32-bit or 64-bit editions). Supported with limitations: - Google Chrome 16 on Windows 7, Windows Server 2008 R2, or

	Windows Server 2008 (32-bit or 64-bit editions). ▪ Mozilla Firefox 9 on Windows 7, Windows Server 2008 R2, or Windows Server 2008 (32-bit or 64-bit editions). ▪ Safari 5.1.2 on iOS (iPad).
Additional Software	▪ Microsoft Office 2013, Microsoft Office 2010, or Microsoft Office 365 is required for sending data to Microsoft Excel, and SharePoint Online links. ▪ Microsoft Office 2013, Microsoft Office 2010, or Microsoft Office 365 is required for OneNote integration.

Note: NAV Web Client can be virtualized using Microsoft Hyper-V.

System Requirements for Microsoft Dynamics NAV 2013 R2 Windows Client

The following table shows the minimum system requirements for the Microsoft Dynamics NAV Windows client.

Operating System	Microsoft Dynamics NAV Server runs on 64-bit editions of the following versions of Windows: ▪ Windows 8 Professional or Enterprise (32-bit or 64-bit editions). ▪ Windows 7 Professional, Enterprise or Ultimate (32-bit or 64-bit editions). ▪ Windows Server 2012 R2 Standard, or Enterprise ▪ Windows Server 2012 Standard, or Enterprise ▪ Windows Server 2008 R2 Standard, or Enterprise On 64-bit editions of Windows, the Microsoft Dynamics NAV Windows client runs in WOW64 emulation mode.
Hardware Resources	Hard disk space: Minimum of 50MB. RAM: 2 GB Minimum
Additional Software	▪ Microsoft .NET Framework 4.5 Microsoft Dynamics NAV 2013 R2 Setup installs this software if it is not already present on the target computer. ▪ Microsoft Lync 2013 or Microsoft Lync 2010 is required for instant messaging and Telephony API (TAPI). ▪ Microsoft Office 2013 or Microsoft Office 2010 is required for Outlook client integration and mail merge. Microsoft Office 2013, Microsoft Office 2010, or Microsoft Office 365 is also required for budget import and export to and from Microsoft Excel and Office XML, and SharePoint links. Note: Microsoft Dynamics NAV 2013 R2 Setup can only install the Excel Add-in if Excel is present on the target computer. ▪ Microsoft Office 2013 or Microsoft Office 2010 is required for OneNote integration. However, OneNote integration is not supported for 64-bit editions of Microsoft Office 2010 running on Windows Server 2008. ▪ Active Directory and Microsoft Exchange Server 2010 or Microsoft Exchange Server 2013 are required for email logging.