MISys Manufacturing System Requirements (2.28.2022)

MISys Manufacturing is a true client/server application. That is, some components of MISys Manufacturing are designed to run on a client computer and some components are designed to run on a server machine. MISys Manufacturing consists of three components, the MISys Manufacturing Client, the MISys Manufacturing Server and the Database, which can be installed on a single personal computer, on a local area network of office computers, or across the Internet.

MISys Manufacturing Server

The computer on which the MISys Manufacturing server components are installed should have:

- an Intel Pentium 2GHz or faster processor (Pentium IV or equivalent recommended)
- 1GB of RAM or greater
- 1GB of available hard-disk space (hard-disk use will vary depending on configuration; custom installation choices might require more or less hard-disk space).
- Live connection to the Internet (HTTP, Port 80)
- Microsoft .NET Framework 4.8 or later installed
- Microsoft .NET Framework 3.5 (includes .NET 2.0 and 3.0)
- Internet Information Services installed

Since the server computer hosts the MISys Manufacturing database and must handle traffic from multiple users, you are advised to consult a qualified system architect to prescribe server hardware which will best suit your needs.

There are a number of network topologies on which MISys Manufacturing can be run successfully. However, we specifically urge you NOT to deploy MISys Manufacturing on a peer-to-peer network.

Server Operating System

- Windows Vista Business Edition
- Windows 7 Professional
- Windows 8/8.1 Pro
- Windows 10 Pro
- Windows Server 2008/R2 and 2012/R2 and newer
- Internet Information Services installed

MISys Manufacturing Client

The computer(s) on which the MISys Manufacturing client components are installed should have:

- an Intel Pentium 1GHz or faster processor (Pentium IV or equivalent recommended)
- 500Mb of RAM or greater
- 1 GB of available hard-disk space
- a monitor with super VGA (800 × 600) or better resolution.
- Microsoft .NET Framework v4.8 or later

Client Operating System

- Windows Vista (any edition)
- Windows 7
- Windows 8/8.1
- Windows 10

Combined MISys Manufacturing Client/Server

Where necessary the client components and the server components can be installed on the same computer. In general, it is preferable to install the server components on one fairly high-powered computer, whereas the client components can be installed on less powerful desktop computers.

The computer on which the MISys Manufacturing client and server components are installed should have:

- an Intel Pentium 2GHz or faster processor (Pentium IV or equivalent recommended)
- 1Gb of RAM or greater
- 1GB of available hard-disk space (hard-disk use will vary depending on configuration; custom installation choices might require more or less hard-disk space).
- Live connection to the Internet (HTTP, Port 80)
- Microsoft .NET Framework v4.8 or later installed
- Internet Information Services installed (if you intend to have multiple users)

Client/ Server Operating System (Single-user)

If you wish to run MISys Manufacturing in single-user mode, then you must have:

- Windows Vista
- Windows 7
- Windows 8/8.1
- Windows 10

Client/ Server Operating System (Multiple Users)

If you wish to run MISys Manufacturing in multi-user mode (other MISys Manufacturing clients are connected to the client/server), then you must have:

- Windows Vista Business Edition
- Windows 7 Professional
- Windows 8/8.1 Pro
- Windows 10 Pro
- Windows Server 2003/R2 (you must provide your own instance of SQL Express or SQL Server)
- Windows Server 2008/R2 and 2012/R2 and newer
- Internet Information Services installed

Printer

A compatible laser printer capable of printing at least 132-characters per line. You will probably want to consider using a reasonably high speed (12+ppm) laser printer with MISys Manufacturing because many of the reports are lengthy. Slower auxiliary laser printers may be useful for printing purchase orders and work orders.

Database Software

- Microsoft SQL Server Express Edition (for 5 concurrent users or fewer)
- A license for Microsoft SQL Server Express Edition is included with the MISys Manufacturing software.
- Microsoft SQL Server Database Engine (for more than 5 concurrent users)
    - Supported SQL Server versions are: SQL Server 2008 and newer