

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 v4.0 or later installed
- 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 XP Professional Edition (you must provide your own instance of SQL Express or SQL Server)
- 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 v4.0 or later

### **Client Operating System**

- Windows XP (any edition)
- 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 v4.0 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 XP (you must provide your own instance of SQL Express or SQL Server)
- 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 XP Professional Edition (you must provide your own instance of SQL Express or SQL Server)
- Windows Vista Business Edition

## MISys Manufacturing System Requirements (6.5.2018)

- 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 2008 or later (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