



PC Hardware Requirements

The DSX Windows NT/2000/XP compatible Software has the following hardware requirements. These hardware specifications are minimum requirements, which can always be exceeded if desired. All PCs used in the WinDSX system must meet these minimum requirements for the system to be supported by DSX.

Note /// System performance is dependant on the PC and LAN processing speed. The faster the PC, LAN, and the more memory the faster the system will operate. If you have any questions regarding the DSX software and PC requirements, call DSX Technical Support.

CPU Minimums

Pentium 650MHz (or better) - Host PC for single PC, single location system, or LAN workstation for single location system. 128M RAM

-

Pentium 850MHz (or better) - LAN Comm Server or File Server for single location system, or workstation for multi-location system. 256M+ RAM

-

Pentium 1GHz (or better) - LAN Comm Server and/or combination File Server for multi-location system. 512M+ RAM - minimum

Windows™ Operating Systems

XP Professional™ -compatible with version 3.5/4.5 & higher
2K Professional™ Service Pack 2 Version 3.1/4.0 & lower
2K Professional™ Service Pack 3 Version 3.5/4.5 & higher
NT Workstation™ Version 4.0 w Service Pack 6a
Microsoft SQL Server™ Version 7/2000 required only for SQL DataBase deployment and management. (Optional) WinDSX uses Microsoft Access™ and WinDSX SQL uses Microsoft SQL Server™. SQL Server sourced separately.

Drives

One CD-ROM Drive 6x or better -WinDSX is available on CD only.

-

One Floppy Drive - 3.5", 1.44M - History archives and database backups performed in WinDSX will utilize the floppy drive or other specified target.

-

1Gigabyte Hard Disk Space or better - The basic system software when installed is approximately 50M. The actual size required is dependant on the size of the database, the number and size of graphic maps, the number and size of card holder images, and the amount of history to be accrued.

Memory

128M of RAM Memory - Basic System. 128M minimum 256M+ recommended for multi-Location, multi-PC, Badging, LAN File Servers, and LAN Comm Servers.

Monitors

One color monitor SVGA 800 x 600 - The DSX Software is SVGA compatible. The program will not run in monochrome. 800 x 600 or better and small fonts is preferred.

65,000 colors or better if using badging and imaging features. 17" monitor preferred but not required.

Local Area Network

LAN Adapter Card 10Mbit or better LAN card is required for LAN applications only. 100Mbit is optimum. If there is no LAN use the MS-Loopback Adapter (virtual adapter provided on the appropriate Windows™ version distribution CD).

-

TCP/IP - This protocol must be loaded even if there is no LAN. This can be loaded with the MS-Loopback Adapter.

-

Note /// The Communication Server program (runs on the PC with the connection to the field controllers only) requires a static TCP/IP address and uses socket 22223.

Peripherals

Serial Ports - At least one serial port is needed for either direct or dial-up modem communications. It may be necessary to use a Windows 2000/XP™, or Windows NT™ compatible multi port board when more than two serial ports are required.

-

Mouse - Mouse and keyboard are required. Microsoft IntelliMouse® or equivalent recommended but not required.

-

Modem - DSX provided External modem only.

Audible Device

Sound Card - Windows 2000/XP™, Windows NT™, and Sound Blaster compatible PCI Bus sound card. WinDSX supports WAV files that are played back upon alarm.

Back-up Device

Back-up Drive - Windows 2000/XP™, Windows NT™ compatible device that is recognized as a logical drive by Windows. Large removable drives such as LS-120™, Zip™, or JAZ™ are recommended.