



## PC Hardware Requirements

The DSX Windows XP Pro / Vista Business / 7 Pro™ 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 1.6 GHz Dual Core (or better)** - Host PC for single PC, single location system, or LAN workstation for single location system. 512M RAM

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**Pentium 1.8GHz Dual Core (or better)** - LAN Comm Server or File Server for single location system, or workstation for multi-location system. 1G RAM

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**Pentium 2.4GHz (or better)** - LAN Comm Server and/or combination File Server for multi-location system. 1G RAM - minimum

### Windows™ Operating Systems

**7 Professional™** Version 3.7/4.7 & higher

**Vista Business™ Service Pack 1** Version 3.7/4.7 & higher

**XP Professional™ Service Pack 2** Version 3.5/4.5 & higher

**Server 2003R2/2008™** -compatible w/Version 3.5/4.5 & higher. Server 2003/2008 requires Active Directory.

**64 bit Operating Systems require 64 bit drivers for peripheral hardware. Verify compatibility before using.**

### Microsoft SQL Server™ Version 2005Sp3/2008

SQL required only for SQL DataBase deployment and management. (Optional) WinDSX uses Microsoft Access™ and WinDSX SQL uses Microsoft SQL Server™. SQL Server Standard and Enterprise sourced separately.

### Memory

**512M of RAM Memory** - Basic System 512M minimum 1G + recommended for multi-Location, multi-PC, Badging, LAN File Servers, and LAN Comm Servers.

### Drives

**One CD/DVD Drive 16x or better** -WinDSX is available on CD only.

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**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.

### Monitors

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

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65,000 colors or better for badging and imaging features. 17" or larger monitor preferred.

### Local Area Network

**LAN Adapter Card 10/100 Mbit or better** LAN card is required for LAN applications only. 100Mbit is optimum. If there is no LAN use the MS-Loopback Adapter

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

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**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 USB to serial adapter. Belkin Components F5U109/409 or equivalent device is required.

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

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**Modem** - DSX provided External modem only.

### Audible Device

**Sound Card** - Windows™ compatible PCI Bus sound card. WinDSX supports WAV files that are played upon alarm.

### Back-up Device

**Back-up Drive** – Windows™ compatible device that is recognized as a logical drive.