

System Requirements

Velocity Mode	Operating System	Database
Server (Option 1)	Windows Server 2008 R2 (64-bit), Standard or Enterprise Editions	<ul style="list-style-type: none"> • SQL Server 2008 R2 (64-bit) Standard, Workgroup or Enterprise Edition with SP1 • SQL Server 2008 R2 (64-bit) Express (included on disk)
Server (Option 2)	Windows Server 2003 SP2 (32 or 64-bit) Standard or Enterprise Edition	<ul style="list-style-type: none"> • SQL Server 2005 SP4 (32 or 64-bit), Workgroup, Standard or Enterprise Editions • SQL Server 2008 R2 Express Edition (included on disk)
Single-user Workstation	<ul style="list-style-type: none"> • Windows XP SP3 (32 or 64-bit) Professional Edition • Windows Vista SP2 (32 or 64-bit) Business or Ultimate Editions • Windows 7 SP1 (32 or 64-bit) Professional, Ultimate, or Enterprise Editions 	<ul style="list-style-type: none"> • SQL Server 2008 R2 Express (included on disk)
Client	<ul style="list-style-type: none"> • Windows XP SP3 (32 or 64-bit) Professional Edition • Windows Vista SP2 (32 or 64-bit) Business or Ultimate Editions • Windows 7 SP1 (32 or 64-bit) Professional, Ultimate or Enterprise Editions 	Not applicable; connects to Velocity Server for its database

Additional Requirements:

- Processor: Pentium 4 with 2 GHz or higher
- RAM: 4 GB or more
- Hard Drive space: 250 GB or higher for server or workstation, 100 GB or higher for clients
- Other: DVD-ROM drive (DVD-R), monitor, keyboard, mouse or other pointing device

May Be Required (dependent on your installation configuration and application usage):

- Video card (256 MB video RAM minimum) when using Velocity Graphics or Badging functions.

NOTE: For optimum video performance, 1GB Video RAM or more may be required

- 1 serial port (or USB to COM port adapter) for each of the following:
 - Hardwired channel of controllers
 - Enrollment station for cards
 - Modem (if connecting to a controller via modem)
 - CCTV matrix switcher controls
- 1 USB or parallel port for each of the following:
 - Badge printer
 - Report printer
 - Alarm/Event printer
 - Parallel multi-port adapter (for multiple printers, available through Hirsch)
- Network interface card (NIC)
- Sound card (recommended for tutorials & alarms)
- Modem (if connecting to a controller via modem)
- DVD/CD-RW, USB drive, or other mass storage back up



System Requirements

- Video capture card (to receive video from CCTV matrix switcher if required)

These system requirements are Hirsch's estimation of what will be required for satisfactory performance. However, **your particular needs may differ or exceed the requirements noted**. Your specific needs are dependent on several factors including number of users on the system, applications running, connected devices, and level of usage. Therefore, please follow this general guideline: ensure you have enough processing **power**, **RAM** (including video card RAM) and **hard disk** space in your system to adequately address **ALL** your applications and services. Then going forward, please ensure your system performance keeps up to date with any expanding requirements.