

System Requirements

Velocity Mode	Operating System	Database
Server, Option 1	Windows Server 2008 R2 Standard Edition (64-bit)	Microsoft SQL Server 2008 Standard or Enterprise Edition with SP1 (full version, not Express)
Server, Option 2	Windows Server 2003 Standard or Enterprise Edition with SP2 (32/64 bit)	Microsoft SQL Server 2005 Standard or Enterprise Edition with SP3 (32/64 bit); or SQL Server Express Edition with SP2 (included) or SP3
Single-user Workstation	Windows XP Pro with SP3 (32/64 bit) or Windows Vista (32/64 bit)	Microsoft SQL Server 2005 Express with SP2 (included) or SP3
Client (communicates with a host Velocity server)	Windows XP Pro with SP3 (32/64 bits) or Windows Vista (32/64 bits)	Not applicable; connects to Velocity Server for its database

Additional Requirements:

- Processor: 2.0+ GHz
- RAM: 4+ GB
- Hard drive space: 250+ GB available for Server and Workstation modes, 100+ GB for Client mode
- 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
 - Dial-in 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
- Video capture card (to receive video from CCTV matrix switcher if desired)

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.