

Access Sentry Technical Information

Communication regarding any technical questions with Access Sentry should be referred to CI³ Software Technical Support Staff at (515) 558-9444.

Client Operating Systems that are currently supported for Access Sentry:

- Windows® 2000 / Windows® 2000 Server
- Windows® XP

Access Sentry Workstation Requirements:

- CPU 90 MHz (233 or greater recommended)
- RAM 32 Meg (64 or greater recommended)
- Hard Drive: 30 Meg of free space for workstation (100 Meg for Database)
 - An additional total of 30-100 Meg is necessary for the printer, card scanners, camera and signature pad.
- Serial Ports: (The printer, 1D Bar Code Scanner and signature pad utilize a serial port or USB Hub.)
- USB: Printer, ScanShell 800,1000 or Snapshell scanner Signature Capture Pad and Camera.
- USB Hub: (Optional)
- SVGA Video at 800 by 600 or higher
- CD Rom Drive
- Network Card for LAN System

Server Operating Systems that are currently supported for Access Sentry:

- Windows® 2000 / Windows® 2000 Server
- Windows® XP
- Windows® 2003 Server

Access Sentry Server Requirements:

- Processor 333 MHz min
- RAM 64 Meg (128 or greater recommended)
- Storage 4GB is the recommended minimum
- SVGA Video at 800 by 600 or higher
- CD Rom Drive
- Network Card for LAN System

Note: *CI³ Software does not support Access Sentry on any type of Image Casted "Ghosted" computers due to the frequency of network conflicts on these PCs.*

The more applications that are running on the server, increases size and performance requirements of the hardware. Additionally, the more memory available on the Server the better performance you will get.

The data storage requirements can vary. By using the following numbers for calculation, adequate capacity should be achieved.

Visitor Information/Data	Size (KB)
Name/Text Information	1
Photo Capture	20-50
Signature Capture	5-15
Business Card	15-50
ID Scan (2 sided)	5-15
Passport Scan	102-160

ODBC Connectivity:

During the Database Installation process, Access Sentry installs its own database (see MSDE information below) that can store data that has been entered through Access Sentry's Data Manager and/or Access Sentry workstation software.

Answers to Frequently Asked Questions:

- Access Sentry is a relatively small package with two installation types:
 1. Network
 2. Stand-Alone
- Access Sentry does not require a new server and the application is written to use standard Windows APIs.
- Access Sentry shares data concurrently with other workstations.
- Access Sentry does not truncate, but purging and exporting data options are available and are recommended each month to properly maintain the database.

In summary, the Microsoft Data Engine (MSDE) relational database engine exhibits the following characteristics and features:

- Fully compatible with Microsoft SQL Server 2000 and SQL Server technologies.
- Runs on Windows® 2000 and Windows® XP (both Intel and Alpha) platforms.
- Client-server architecture (database operations occur on the database server, not the client machine).
- MSDE is capable of running as a service.
- The MSDE database size is limited to 2GB.
- MSDE does not include a user interface for database development. Instead, other applications such as Access 2000 or custom Visual Basic® applications provide the user interface.
- All entries of data into the Access Sentry database are stored in a MSDE database. This would usually be located on a central machine running the MSDE SQL Service Manager that is included in the installation software.
- MDAC updates the SQL ODBC drivers, which Access Sentry uses to connect to the database.