

# Technical Data



eVACS® is the world leader in transparent and accurate election software. A modular electronic elections system, it ensures every election is conducted with total secrecy, security, transparency and integrity.

Developed to meet the stringent requirements of parliamentary elections, eVACS® is completely scalable and suitable for any electronic voting requirement from National, State or Local government elections, through to industry and professional body ballots.

## APPLICATION MODULES

### Election Set-up:

Allows an election official to specify an election event with one or more elections and the specific election data such as candidates, parties and electorates (districts or regions) for each election.

**Requires:** Stand-alone server.

### Electronic Voting:

Enables voting using a keypad and barcode reader attached to a standard PC or voting machine.

**Requires:** PCs each with attached keypad and barcode reader; 1 x LAN; 1 x server with two hard drives and removable-media drive for each polling centre.

**Optional:** Large screen and headphones for vision impaired users.

### Non-Electronic Votes:

Permits paper votes to be securely scanned, or data entered, into the vote database.

**Requires:** PC(s); Server; scanner(s).

### Counting and Election Results Reporting:

Facilitates initial counting of electronic votes and then combined counting with the non-electronic votes.

**Requires:** Data entry server &/or combined Counting Server(s); Postscript printer

## HARDWARE

### Minimum Hardware Requirements

eVACS® operates on any hardware that supports the Linux operating system.

Following are the minimum recommended specifications for servers and clients.

### Server(s)

- Pentium III 500MHz or better
- 256 MB RAM or better
- 2 x 4GB IDE HDD or better
- SVGA Video card (1024x768 16-bit colour)\*
- 10/100 BaseT Ethernet\*
- 101-key keyboard
- IDE CD-RW 16 speed or better

### Client(s)

- Pentium 90 MHz or better
- 64 MB RAM
- 1 x 1GB IDE HDD
- SVGA Video card (1024x768 16-bit colour)\*
- 10/100 BaseT Ethernet\*
- Numeric keypad (PS/2 or USB)
- USB or RS-232 barcode reader\*

