



AVC Advantage

C ADVANTAGE FEATURES & SPECIFICATIONS • AVC ADVANTAGE FEATURES & SPECIFICATIO





Sequoia Voting Systems is an elections company that provides a full range of voting systems solutions, including full face and touch-screen DRE systems, optical scan precinct and central systems, complementary election database management software, voter registration, and ballot and booklet printing.

In addition, Sequoia backs its solutions with the comprehensive election experience and unmatched service ethic of its industry-leading professionals.



AVC Advantage

AVC ADVANTAGE

The AVC Advantage represents the culmination of over a century of experience and technological innovation in the voting system industry. A 100% direct recording, electronic voting machine, the AVC Advantage is easy to use and offers the highest level of accuracy and security.

AVC ADVANTAGE IS EASY TO OPERATE

- Easily maneuvered by just one person, the AVC Advantage is quick and easy to set up.
- Messages and prompts are displayed throughout all phases of operation.

AVC ADVANTAGE IS EASY TO VOTE

- The tactile voting switch with visual indicator provides positive feed-back to the voter.
- A large candidate area accommodates large type for easy to read ballots.
- The AVC Advantage is completely wheelchair accessible with no election officer intervention.

AVC ADVANTAGE IS EASY TO MAINTAIN

- No electronics knowledge is required to operate or maintain the AVC Advantage.
- Error messages are easy to understand for quick and simple troubleshooting.
- The AVC Advantage is designed with modular components for easy part replacement or system upgrade.

AVC ADVANTAGE IS FAST AND RELIABLE

- Immediate copies may be printed of Results and Audit-Trail Reports.
- A visual display of vote totals serves as a backup.
- Transportable memory cartridges are compatible with the Sequoia Pacific central system.

AVC ADVANTAGE EARNS YOUR CONFIDENCE

- Diagnostics are performed automatically at every power up.
- Logic and Accuracy tests are required before, and can be optionally performed after, the election.
- Continual background testing verifies correct system operation and data integrity.
- The AVC Advantage stores an electronic randomized record of all votes cast. This Audit Trail can be printed on demand.
- Operator logs document all system activity during the pre-election, election, and post-election cycle.

Immediate copies may be printed of Results and Audit-Trail Reports.

Operator panels can be conveniently mounted on either side of the AVC Advantage for ease of use by one election worker.

What's the advantage of AVC Advantage?

Vote processing via multiple independent data paths, randomized and stored three different ways to assure absolute secrecy of the vote, absolute accuracy in vote counting, and absolute verifiability of results. Nothing less than the complete elimination of human error. Nothing less than the best. Nothing less than AVC Advantage.



Features & Benefits

CONFIRMATION OF VOTER SELECTIONS

Tactile switches, visual indicators and the LCD message display provide confirmation to the voter that the AVC Advantage has correctly recorded the voter's selections.

HANDICAP ACCESSIBILITY

Easy adjustment required for wheel-chair voters.

ELECTRONIC WRITE-INS

Eliminates interpreting voter intent. Write-in votes are recorded electronically and stored redundantly in the AVC Advantage in the Cartridge. The write-in votes are transferred automatically to the central system, the Election Database System. The write-in votes for the jurisdiction may then be printed by contest for recounts.

PRIVACY CURTAIN

Completely encloses the voting area, ensuring total voting secrecy.

FULL FACE BALLOT DISPLAY

Voting is quicker and simpler than paper ballot or paginating systems. Does not allow over voting. Eliminates spoiled or rejected ballots.

MESSAGE DISPLAYS

Prompts the Pollworker and Voter throughout the operation of the AVC Advantage.

CONSOLIDATION

Allows machines within a precinct to be automatically accumulated and totals printed at the polling site.

BATTERY BACK-UP

Built in 16+ hour battery provides uninterrupted use of the AVC Advantage. Power switches from AC to DC.

FOUR LARGE RUBBER CASTERS WITH FIVE INCH CLEARANCE. Easy to deliver the AVC Advantage machines to the polling site. Easy for one Pollworker to move within the polling site.

PRE-ELECTION LOGIC AND ACCURACY TESTS

A mandatory function during election preparation for ballot verification and public oversight of ballot integrity.

POST-ELECTION LOGIC AND ACCURACY TESTS

An optional function after the election for ballot verification and public oversight of ballot integrity.

VOTE SIMULATION

Allows the AVC Advantage to automatically conduct high volume vote tests.

100% ACCURACY

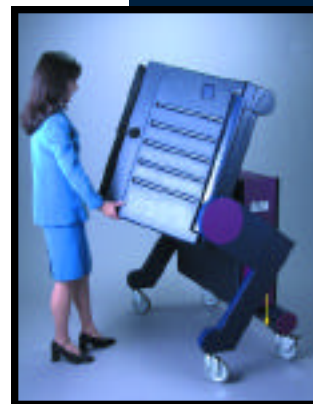
Redundant storage of ballots and totals which are updated and verified between each voter.

FEC CERTIFIED

You can have confidence in the quality of design and components that go into each AVC Advantage. No system has been more publicly and thoroughly examined and tested than the AVC Advantage.

AUDIT*TRAIL

Provides an unalterable, randomized electronic record (ballot image) of all votes cast during an election. The ballot image is redundantly stored in the AVC Advantage and in the Results Cartridge. A chronological Operators Log records the time, date and nature of all significant system events. The Audit Trail and Operator Log may be printed after the election on demand.



ADDITIONAL FEATURES:

BACKGROUND AND POWER UP DIAGNOSTICS.

Provide continual verification of system integrity.

EARLY VOTING

Each AVC Advantage supports over 2,000 precincts to accommodate jurisdiction-wide early voting on a single machine.

EXPANDABLE BALLOT SIZE

Allows jurisdiction to purchase only the number of voting positions they will need (252, 336, 420, or 504 positions). Expansion to 504 positions can be easily accommodated.

FULL SERVICE AND SUPPORT

Highly trained technical support staff and rapid shipment of component modules.

POOL PARTS PROGRAM FOR ELECTRONIC BOARD REPAIR

Assures the jurisdiction of long-term supply of available electronic parts at a reduced price over purchasing new parts.

LOW ON-GOING OPERATING COSTS

The AVC Advantage is manufactured with quality components. It has a history of long, useful life with minimal service and maintenance required. Set-up is accomplished in-house, and requires only one ballot per machine, not a ballot for each voter. Ballot can be generated by Sequoia's central system and printed on a plotter in-house.



SPECIFICATIONS:

STORAGE POSITION	SIZE
LENGTH:	46.5 IN
DEPTH:	24.5 IN
HEIGHT:	39.3 IN

VOTING POSITION	SIZE
LENGTH:	46.5 IN
DEPTH:	55.0 IN
HEIGHT:	75.3 IN

WEIGHT: 225-265 lbs.

depending upon system configuration.

POWER

Operates on a 110 VAC with system backup battery capacity of over 16 hours, depending upon system configuration.



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