EXPERIENCE
RELIABILITY
SECURITY
INNOVATION

PRODUCT OVERVIEW

Model 100 Precinct Ballot Counter

The ES&S **Model 100** is a precinct-based, voter-activated paper ballot counter and vote tabulator. Utilizing advanced Intelligent Mark Recognition (IMR) visible light scanning technology, the **Model 100** Precinct Ballot Counter is a proven mainstay for jurisdictions worldwide employing precinct level vote tabulation.

Ensures Ballot Integrity

To ensure voter intent and ballot integrity, the **Model 100** has the ability to alert voters to overvoted races and undervoted or blank ballots. In the event of overvoted and undervoted situations, the **Model 100** can immediately return the ballot to the voter, displaying the specific race in question in the LCD display. Voters may then instruct the **Model 100** to "Accept" or "Return" the ballot through the simple push of a button. Returned ballots provide voters the opportunity to privately revise and then recast their ballot.

Security and Reliability

The **Model 100** with its rugged, stainless steel chassis features two independent, lockable ballot containers that provide a separate storage location and optional electronic divertor for ballots containing write-ins. An emergency ballot compartment is also included to securely store ballots in the unlikely event of unit failure or ballot disputes. Up to six hours of continuous precinct counter operation is delivered by a maintenance-free, sealed battery charged by an internal power supply. An internal thermal printer is provided in order to print election results and document an audit log of all unit transactions.

State-of-the-Art Flexibility

Driven by an Intel processor, the **Model 100** utilizes QNX operating software that provides real-time resource management, true multi-tasking capability, and unparalleled election accuracy. Dual Contact Image Sensors enable both sides of the ballot to be accurately scanned simultaneously. The **Model 100** efficiently processes right-hand or left-hand oval and arrow response-area ballots, and ballots may be inserted without any orientation restrictions.

Fast Election Reporting

Immediately upon poll closing, the **Model 100**'s internal thermal printer prints out vote totals and enables election officials to immediately transmit results to election central. The **Model 100** comes equipped with dual PCMCIA slots, an optional wireless modem for transmitting results, two external serial ports and one parallel port allowing the connection of a wide array of external components. All election definition programs, actual vote tallies, and audit logs are retained securely on the PCMCIA memory card within each **Model 100** unit.

Tested, Certified, Proven

The **Model 100** has been fully tested by an independent testing authority, certified to meet or exceed the rigorous government standards, and proven through use in thousands of actual elections worldwide.

The M100 is certified to meet the 2002 Federal Voting Systems Standards.