**ExpressVote®**

*Universal Voting System as a Marker*

- **Privacy Shield**
  - Protects voter privacy by obscuring viewing of the contest choices and ballot summary.

- **Multilingual**
  - Voters can view the ballot in their chosen language.

- **Touch Screen and Display**
  - Allows voters to easily make vote selections and review their selection.

- **Card Slot**
  - Where the voter inserts their card to activate selections.

- **Audio-Tactile Keypad**
  - Enables ADA voters to control audio and navigate the ballot.

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**Rolling Kiosk**

Protects the ExpressVote unit in transit, during use and while in storage.

**Accessible**

As a fully compliant ADA voting solution, ExpressVote enables each voter to mark selections independently on screen or using the Audio-Tactile Keypad.

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**ACTIVATING THE VOTE SESSION:**

Election officials can configure the ExpressVote to best fit their needs. The voter receives an activation card to begin the process.

- If only one ballot style is programmed for the election, a blank card activates the vote session.
- Multiple ballot styles with a blank card prompt poll workers to select the correct ballot style for the voter.
- A card with an activation barcode displays the correct options for the voter if the election has multiple ballot styles.
ExpressVote Key Features

As a marker, the ExpressVote handles the entire marking process, eliminating marginal marks and the need for voter mark interpretation. Voters utilize the touch screen to mark their vote selections, receiving a verifiable paper vote record upon completion. The ExpressVote is used during early voting or in precincts and vote centers on Election Day to serve every eligible voter, including those with special needs.

EASY TO SET UP AND USE

The one-step startup and poll-closing procedure make the ExpressVote an ideal device for poll workers. The intuitive design offers streamlined simplicity for poll workers and election staff. The ExpressVote is also small, lightweight and easy to move.

CONTROLLED AND REDUCED COSTS

Traditional ballot printing costs can be significantly reduced by eliminating the need for pre-printed paper ballots. Voters activate their vote session, make their selections and receive a paper record to cast. This process consumes 70 percent less paper than traditional ballots.

INNOVATIVE DESIGN

Voters review a summary page and can make changes before receiving their verifiable paper vote record. The ExpressVote prevents overvotes and undervoting with prompts and on-screen feedback. ExpressVote in marking mode neither stores nor tabulates vote counts. The system produces a verifiable paper record for each voter.

VERIFIABLE PAPER RECORD

After all selections are made, a human- and machine-readable paper record is produced that includes text and an optical scan barcode. Votes are digitally scanned for tabulation on an ES&S DS200®, DS450® or DS850® device.

SECURE

The ExpressVote Universal Voting System utilizes a variety of functions to ensure election data and cast vote records are secure. In its current certification as a marking device, no vote data is stored in the device. Its system functions are only executable during election events, in the manner and order intended by election officials performing their duties.

For more information visit www.essvote.com
DS200®
Precinct Scanner & Tabulator

Protective Cover
Cover has heavy-duty rubber seal to shelter DS200 from elements during transport.

Easy to Set Up
Lid-up, power-on approach allows poll workers to easily open polls.

Touch Screen and Display
Provides voters with instructions and immediate feedback. Tension bearings hold screen in place for custom positioning.

Ballot/Card Slot
Voters cast both ballots and vote summary cards here; accommodates up to 19-inch ballots.

Auxiliary Ballot Compartment

Main Ballot Compartment
Easy, hassle-free storage of up to 2,500 ballots.

The number of 14-inch flat ballots processed per minute
DS200 Key Features

The DS200 is a precinct-based scanner and vote tabulator equipped with the latest in ES&S’ patented technology. Fully certified and compliant with EAC guidelines, the DS200 enhances the voting experience for voters and election officials alike. Our patented IMR™ and PTRAC® technology ensures even the most poorly marked ballots are read accurately and consistently — protecting voter intent. All of this is designed to make everyone’s job easier.

ACCURATE

The DS200 combines the ES&S-patented Intelligent Mark Recognition (IMR™) and patented Positive Target Recognition & Alignment Compensation (PTRAC®) systems to accurately track and pinpoint target locations. This technology accommodates ballots inserted at angles or with erroneous marks to uphold voter intent. This precision improves the reliability of elections.

SECURE

Like all ES&S tabulation equipment, the DS200 includes physical security features such as locking panels and security seals to secure sensitive components and election files, and a key-locked case for transport and shipping. The DS200 operating system controls, limits and detects unauthorized access to all critical data. The system also includes safeguards, such as data encryption and digital signatures, that help protect sensitive data and verify authenticity, including certification of all firmware.

RELIABLE

Having both battery backup and thermal paper means you never have to worry about power outages or printer ink.

COMPATIBLE

Works in conjunction with:
- ExpressVote® Universal Voting System
- DS450® High-Throughput Scanner & Tabulator
- DS850® High-Speed Scanner & Tabulator
- Electionware® Election Management Software
- AutoMARK® Ballot Marking Device
- Election Reporting Manager®

COMPREHENSIVE

- Optional wireless modem results transfer with encryption
- Primary data storage device
- Backup data storage
- Data sent via Secure File Transfer Protocol (SFTP) server

For more information visit www.essvote.com
DS450®
High-Throughput Scanner & Tabulator

Touch Screen Display
Walks the operator through every step of the tabulation process.

Patented IMR™ and PTRAC®
IMR™ and PTRAC® technology provides unparalleled accuracy that reduces time-consuming manual ballot adjudication.

C-Curve
C-Curve efficiently transports ballots into the appropriate output bin.

Input Tray

Output Bins
Sorts ballots into:
- Counted
- Requires Further Review
- Write-Ins

Paper Path Jam Management
LED light tracking feature enables easy management of ballot jams – prevents need to rescan entire batch.

72
The number of 14-inch flat ballots processed per minute

Version 3
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DS450 Key Features

Customizable sorting is now more affordable than ever with the DS450 central scanner and tabulator. Process more ballots in less time, without stopping to sort overvotes, write-ins or blank ballots. ES&S sets the industry standard for high-speed scanners. The DS450 embodies the spirit of the DS850 while maintaining an efficient throughput along with affordability for jurisdictions.

SECURE

System integrity and electronic audits make the DS450 part of the most dependable family of central vote scanners and tabulators in its class. Safeguards, such as data encryption and digital signatures, help protect sensitive data and verify authenticity, including certification of all firmware.

FLEXIBLE

With three separate output bins, you can determine whether to outstack specific types of ballots for further review. Let the DS450 handle separating write-in votes, over-votes and blank ballots – all without missing a beat.

ACCURATE

ES&S-patented IMR™ and PTRAC® technology ensures ballots are read accurately and consistently, protecting voter intent and minimizing manual adjudication.

HIGH THROUGHPUT

Achieve faster sorts without stopping for each blank ballot with the DS450. It scans and sorts 14-inch double-sided ballots at 72 per minute into three output bins.

FOLDED BALLOT PROCESSING

The DS450 is designed with a series of TruGrip™ rollers, which maintain constant contact with the ballot surface, ensuring quality control throughout the entire tabulation process.

For more information visit www.essvote.com
DS850®

High-Speed Scanner & Tabulator

Patented IMR™ and PTRAC®
IMR™ and PTRAC® technology provides unparalleled accuracy that reduces time-consuming manual ballot adjudication.

Touch Screen Display
Walks the operator through every step of the tabulation process.

TruGrip™ Rollers
Provides constant contact, ensuring each ballot - even those folded or damaged - are individually processed.

S-Curve
Patented design enables lighting-quick scanning and smooth ballot flow.

Output Bins
Sorts ballots into:
- Counted
- Requires Further Review
- Write-Ins

300
The number of 14-inch flat ballots processed per minute

Version 3
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DS850 Key Features

Your elections require a centralized vote scanner and tabulator that is quick and accurate. With its high-speed digital image processing, the DS850 continuously scans ballots to save you valuable time when tabulating election results.

SECURE

System integrity and electronic audits make the DS850 part of the most dependable family of central vote scanners and tabulators on the market. Safeguards, such as data encryption and digital signatures, help protect sensitive data and verify authenticity, including certification of all firmware.

USER-FRIENDLY

Designed specifically for the election process, the DS850 features a user-friendly software interface on a 15-inch LCD color touch screen. The S-shaped transporter allows for a natural flow, creating separation between individual ballots.

ACCURATE

ES&S' patented IMR™ and PTRAC® technology ensures that ballots are read accurately and consistently, protecting voter intent and eliminating manual adjudication time.

FOLDED BALLOT PROCESSING

The DS850 is designed with a series of TruGrip™ rollers, which maintain constant contact with the ballot surface, ensuring quality control throughout the entire tabulation process.

HIGH-SPEED SORTING

The DS850 is the only high-speed scanner in the marketplace that can sort various ballot sizes at full speed. It scans and sorts 14-inch double-sided ballots at 300 per minute into three output bins, separating ballots into three categories: counted, requires further review, and write-ins.

For more information visit www.essvote.com
Electionware®
Election Management System

User Friendly
Navigator helps users access exactly what is needed in the current module.

Quick Help
Context-sensitive Quick Help is available in all areas of Electionware.

Easy End-to-End Workflow
Enables end-to-end election management, from data capture, ballot layout, and configuring equipment to loading and reporting results.

Feedback
Flexible, yet powerful election management software guides user through the creation of the election, ensuring that all election data, security codes, and machine settings are added correctly to the election definition.

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**ELECTION INTELLIGENCE**

- Timely election data inquiries and reports
- Workflow management and error alerts
- Enforced data accuracy
- User customization
- Tracking of election media
- Live status indicators for incoming results

**PRODUCTIVITY**

- Fast data import
- Reusable election and ballot layout templates
- Simple translation and audio file management
- Multiple simultaneous users
- Ballot image filtering, viewing and printing

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Version 2
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Electionware Key Features

Electionware is designed to accommodate the latest election trends, including early and overseas voting, ADA compliance, ballot adjudication, and Election Night reporting. Use Electionware to create an election information database, format ballots, program voting and ballot scanning equipment, count ballots, review ballot images, and report results. This agile election management system is the result of our nearly 40 years of election product research and development.

SIMULTANEOUS MULTIUSER ACCESS

Multi-user Electionware functionality enables large jurisdictions to use authorized election personnel on a closed-network system simultaneously creating precinct media flash drives and entering information for the ES&S equipment and Electionware. Additionally, the multi-user functionality in Electionware allows multiple teams of election officials to work simultaneously on different elections.

DATA SECURITY

Electionware incorporates the latest in election security, including built-in audit controls, encrypted election data, and access level user credentials designed to keep election data safe and secure. Electionware is fully compliant with EAC guidelines for usability, accessibility and security requirements. The Equipment Security feature creates security codes that control access to voting equipment. All election media USB flash drives contain encryption specific to the current election and equipment type.

ROBUST

Electionware manages nearly 10,000 ballot styles and precincts; supports myriad languages; manages and deploys multiple levels of security. One database for multiple equipment types provides election-wide uniformity and compliance, as well as less room for human error.

For more information visit www.essvote.com