



# ELECTRONIC POLLBOOK

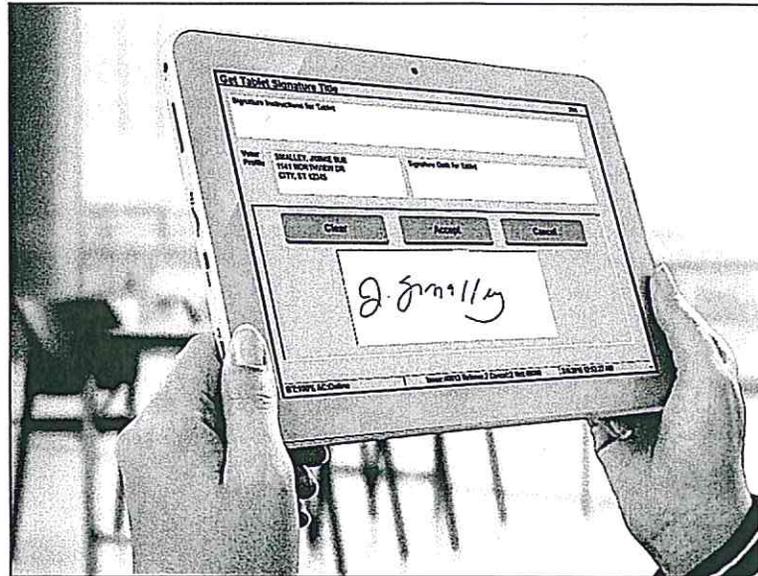
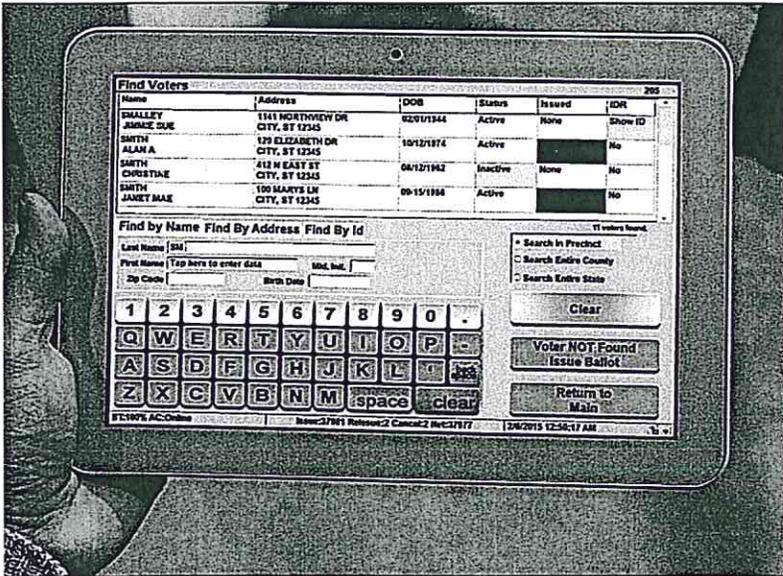


## THE FUTURE OF ELECTRONIC POLLBOOK TECHNOLOGY FITS IN YOUR HANDS.

The ExpressPoll® system gives election poll workers a simple-to-operate voter check-in device that slashes waiting time for voters, increases the accuracy of voters' personal information, and improves the Election Day experience for voters and poll workers alike.

Our popular electronic pollbook software, EZRoster, now runs on low-cost touchscreen tablets using the Windows® 8 operating system, giving poll workers an intuitive, easy-to-understand user interface that's similar to the devices they use in their everyday lives.

Gone are the days of many peripheral devices needed to check in voters. Instead, devices such as a signature pad and barcode reader are built right in to each tablet, making the devices easy to use and set up. The ExpressPoll can be mixed with both new and existing DRE and paper ballot-based election system technologies to provide a complete low-cost voter check-in solution.



# A LOW-COST VOTER CHECK-IN SOLUTION

## KEY FEATURES

### BUILT-IN PERIPHERALS

Poll workers scan barcodes with the tablet's built-in camera and capture voters' signatures on the unit's touch screen. This makes the device easy to set up and operate and avoids the cost of purchasing external peripheral devices

### REDUNDANT DATA STORAGE

The ExpressPoll Electronic Poll Book offers "redundant" integral data storage, ensuring that voter validation information can be retrieved following each election. Validation data is stored in solid state internal memory and on a Micro-SD card installed in the tablet. If one of these storage areas experiences any issue, data can be easily retrieved from the other data storage location.

### FASTER VOTER HISTORY UPLOADS

After an election, voter history is uploaded directly from the ExpressPoll unit, dramatically slashing upload times.

### SMALL AND LIGHT

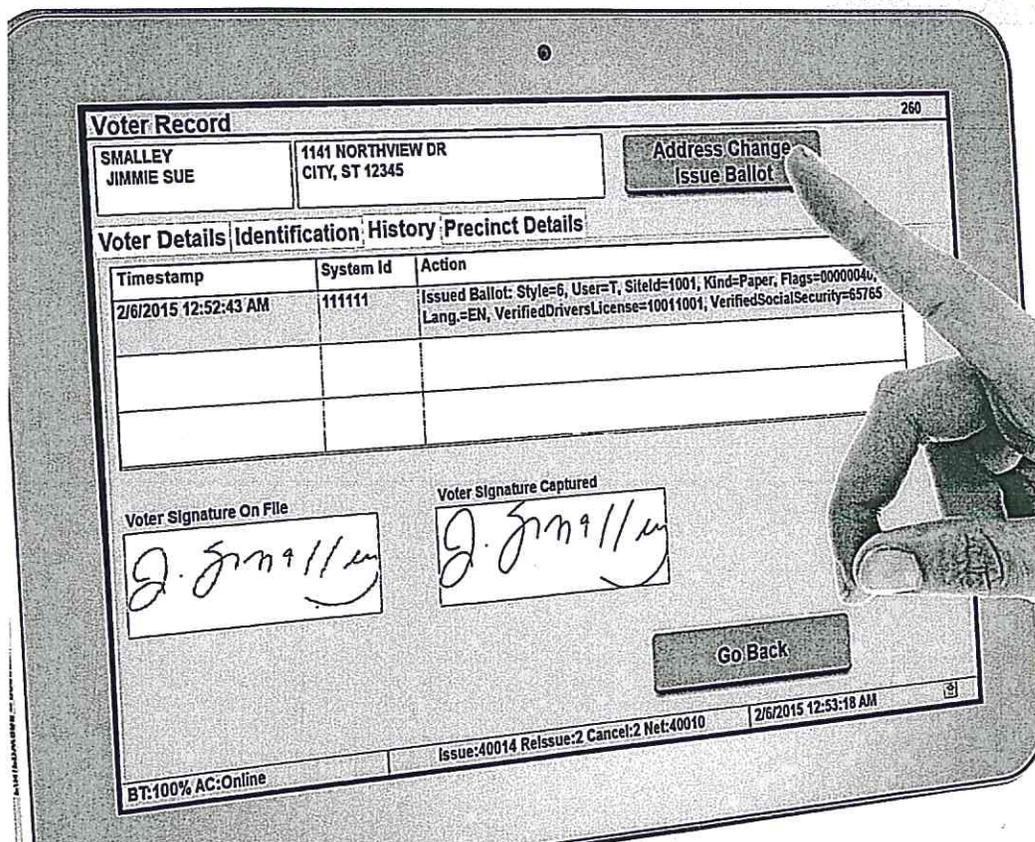
Unlike laptop computers and older tablet technology, the ExpressPoll tablets are compact and light. Poll workers do not need special equipment to carry the poll books to polling locations.

### WORKS WITH THE EXPRESSPOLL-5000

Are you a current ExpressPoll-5000 customer? Our new ExpressPoll tablets can seamlessly be added to your existing system. Both solutions use the same EZRoster software, database, and resource file to provide the same user experience.

### FULLY INTEGRATED SOLUTION

Our new ExpressPoll system will communicate seamlessly with our data conversion software and CentralPoint® for integrated poll management.

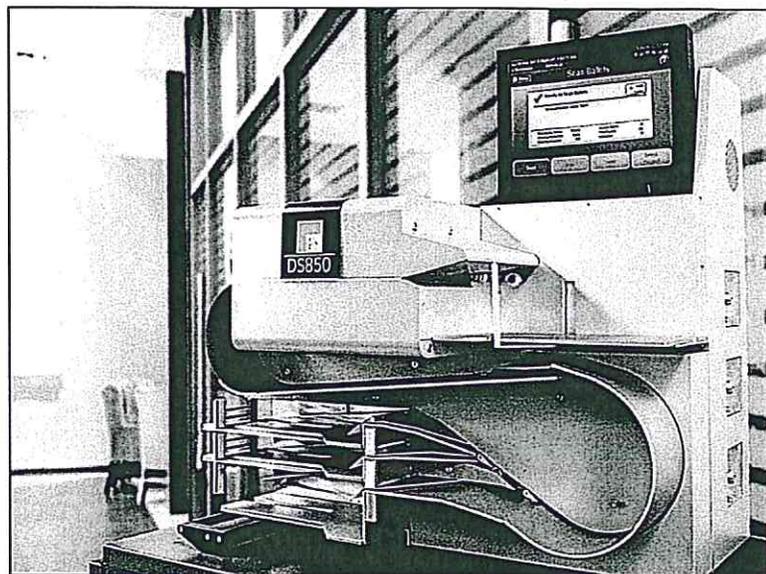
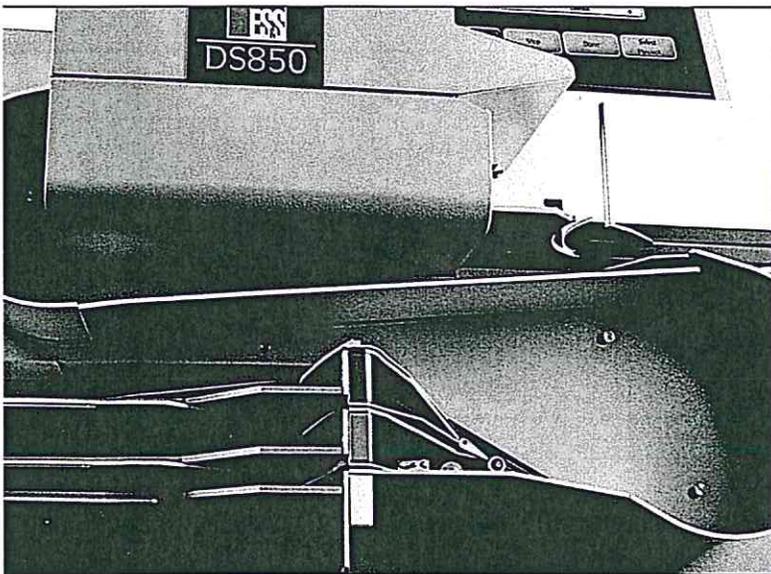
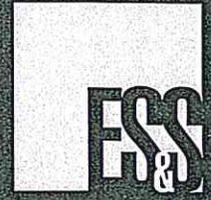


HIGH-SPEED SCANNER & TABULATOR

# DS850<sup>®</sup>

**THE INDUSTRY LEADING HIGH-SPEED  
CENTRAL SCANNER AND TABULATOR.**

The DS850 central scanner and tabulator is a high-speed digital ballot scanner and tabulator equipped with the latest ES&S technology to make your job easier. The DS850 system is the fastest central scanner in the industry. Fully certified and compliant with the latest federal Voluntary Voting Systems Guidelines, the DS850 enhances the voting experience for voters and election officials.



# Enhance the Voting Experience

## KEY FEATURES & BENEFITS

### SPEED

The DS850 can scan ballots of multiple sizes and handle folded and roughed-up ballots with ease. For example, the system can scan 14-inch double-sided ballots at the rate of 300 per minute with next to no ballot jams. The DS850 is three times faster than any other digital scanner on the market.

### EASE OF USE

The durable 15-inch color touch screen and user-friendly interface walk you through every step of the process.

### FLEXIBILITY

With three separate sorter bins, you can determine whether you want to set apart specific types of ballots for further review. Let the DS850 handle separating write-in votes, over-votes, and blank ballots – *all without missing a beat.*

### SECURITY

Safeguard your election data with the DS850's system integrity, electronic audits, data encryption, and digital signatures. Nearly 35 years of election industry experience makes ES&S the vendor you can trust.

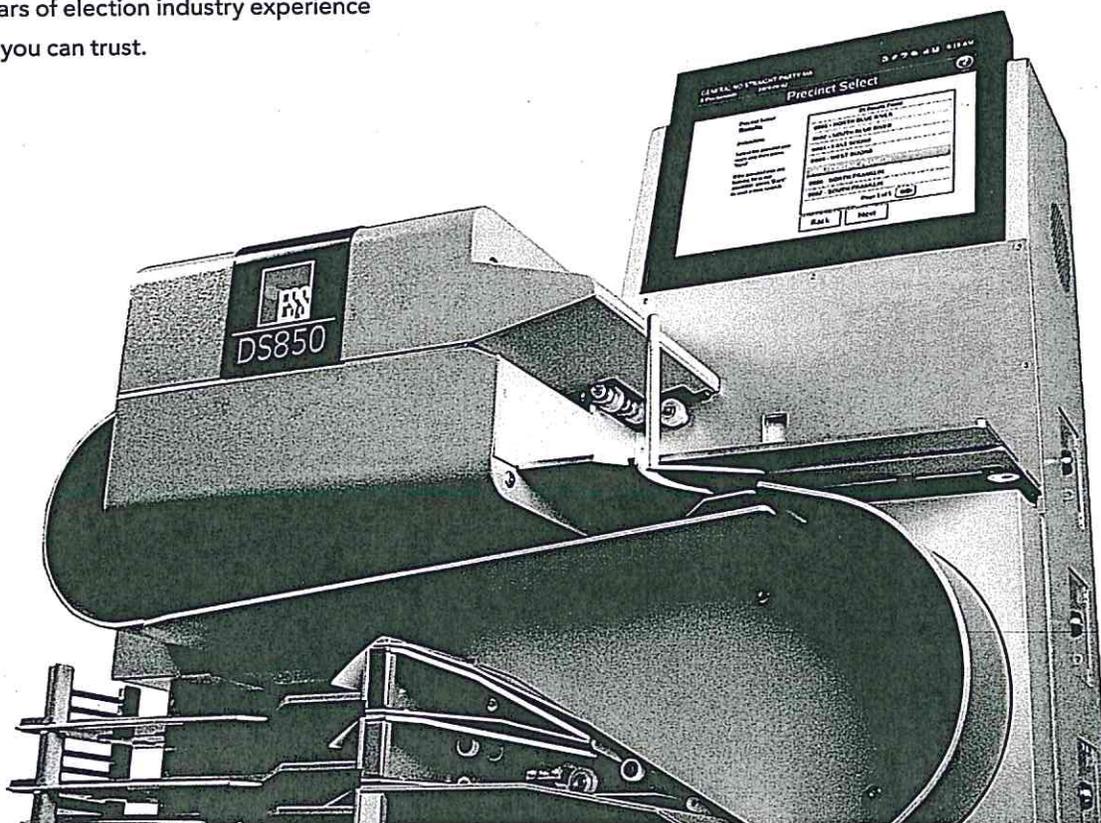
### ACCURACY

ES&S' patented Intelligent Mark Recognition™ (IMR) and PTRAC™ technology ensure that ballots are read accurately and consistently, protecting voter intent and eliminating manual adjudication time.

PTRAC (Positive Target Recognition & Alignment Compensation) corrects for variations in ballot alignment and printing, allowing the digital scanners to zero in on the marking area. IMR then digitally subtracts the outline of the voting target to read only the voter's mark. Our competitors' optical scanners require you to set an arbitrary pixel threshold to determine what counts as a mark.

Instead, the DS850 does the work for you. To determine which marks were intentional, sophisticated algorithms analyze the mark's darkness (pixel density) and directionality. Unlike other scanners, the DS850 is not fooled by erasures or other stray marks.

Does the election require a recount? With the DS850, you get the same consistent and accurate results every time.



PRECINCT SCANNER & TABULATOR

# DS200<sup>®</sup>

## BECAUSE WHO WANTS TO BE STUCK INSIDE COUNTING BALLOTS?

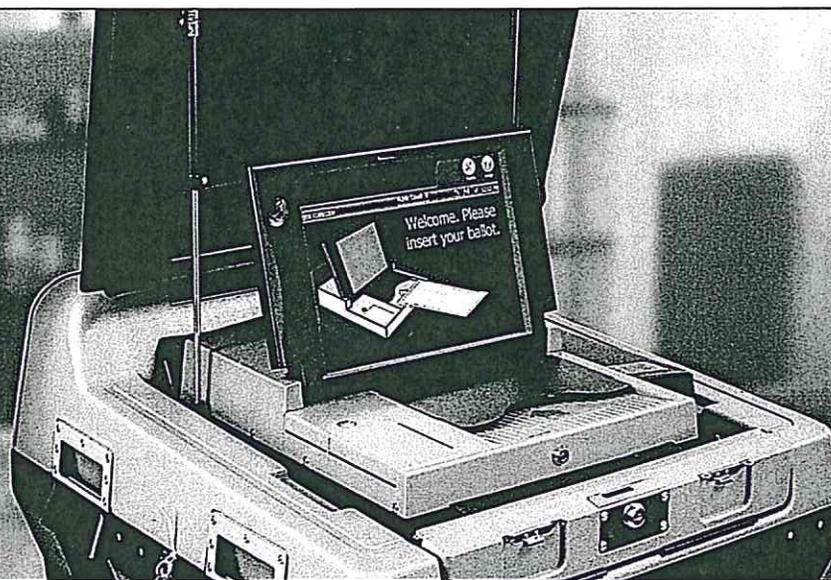
The DS200 is a precinct-based ballot scanner and vote tabulator equipped with the latest in ES&S' patented technology to make your job easier. Fully certified and compliant with the latest federal Voluntary Voting Systems Guidelines, the DS200 enhances the voting experience for voters and officials alike.

Intelligent, integrated, digital, patented, flexible, easy to use, reliable, secure, certified, and accessible – the DS200 is the answer to your precinct-level election needs.

ES&S

CERTIFIED  
VVSG  
2005  
CERTIFIED

CERTIFIED  
EAC  
CERTIFIED



# Faster election results and greater voter confidence



## KEY FEATURES

### LARGE CAPACITY

Handles 450-plus precincts for early voting needs.

### SPEED

Completely processes both sides of a ballot in six seconds or less. Handles bent or folded ballots with ease.

### ACCESSIBILITY

Compatible with the ES&S AutoMARK® Americans with Disabilities Act (ADA)-compliant ballot-marking device.

### RELIABILITY

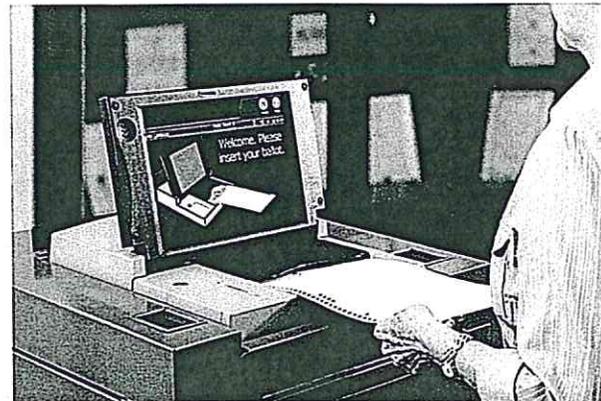
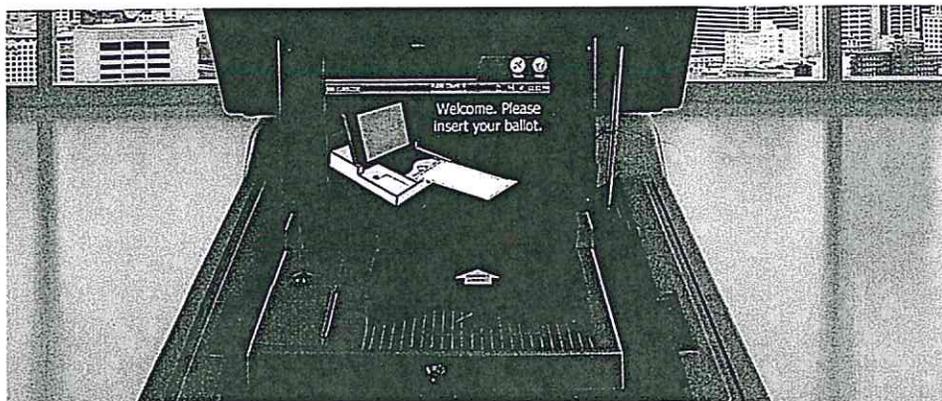
Battery backup in case of a power outage and thermal paper means you never have to worry about power outages or running out of printer ink.

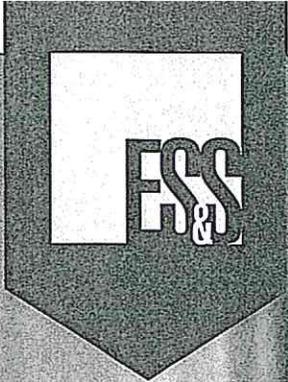
### COMPATIBILITY

Works in conjunction with ES&S' Electionware® and Election Reporting Manager® software, ADA-compliant ballot marking devices (AutoMARK® or ExpressVote®), the DS850® central scanner and tabulator, and plastic or metal ballot bins to provide a complete end-to-end election solution.

### AVAILABLE OPTIONS

Wireless modem and capacity to send data via Secure File Transfer Protocol (SFTP); backup data storage in addition to primary data storage device.





## UNIVERSAL VOTING SYSTEM

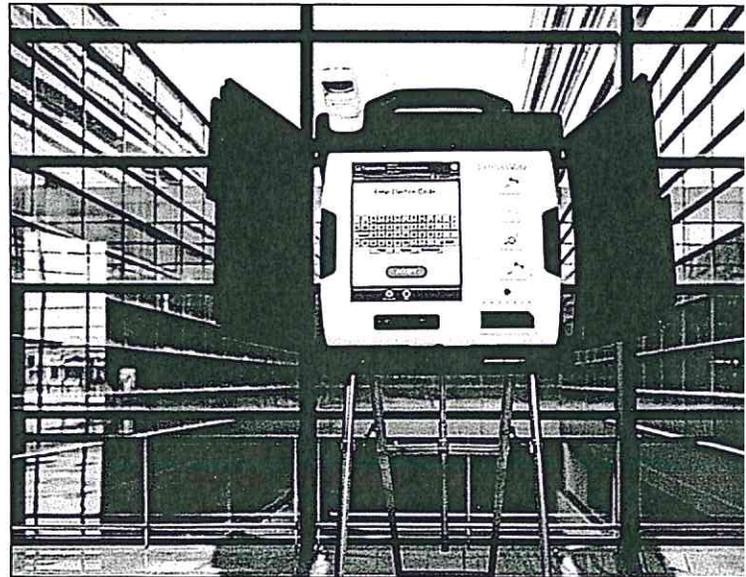


### THE ES&S EXPRESSVOTE HANDLES IT ALL.

The ExpressVote Universal Voting System combines paper-based voting with touch screen technology to create an innovative breakthrough in voting solutions.

Used in early vote centers and on Election Day in precincts or vote centers, the ExpressVote handles the entire ballot-casting process. Election officials no longer have to guess the number of ballots to print — instead, an inexpensive Vote Session Activator™ card determines the ballot style presented on the touch screen.

ExpressVote can serve every eligible voter, including those with special needs. As a fully compliant ADA (Americans with Disabilities Act) voting solution, ExpressVote enables each voter to cast his or her ballot independently.



# Choose Leading-edge Technology

## KEY FEATURES

### VOTE SESSION ACTIVATOR

The voter receives a voting session activator card to begin the process. Election officials can choose from three options:

- If only one ballot is programmed for the election, a blank card activates the ballot.
- If the election has multiple ballots, a blank card requires a poll worker to select the correct ballot for the voter.
- If the election has multiple ballots, a card with an activation barcode displays the correct ballot for the voter.

### CASTING OPTIONS

The ExpressVote enables casting options. Voters can:

- Manually place ballots in the DS200 for scanning and tabulating.
- Use AutoCast® to place ballots into a secure container for later tabulation by an election official, who may use the DS850 central scanner and tabulator.

### VERIFIABLE PAPER RECORD

After all selections are made, a human- and machine-readable paper record is produced, including text and an optical scan barcode. All votes are digitally scanned for tabulation on ES&S' DS200 and DS850 devices.

### EASY TO SET UP AND USE

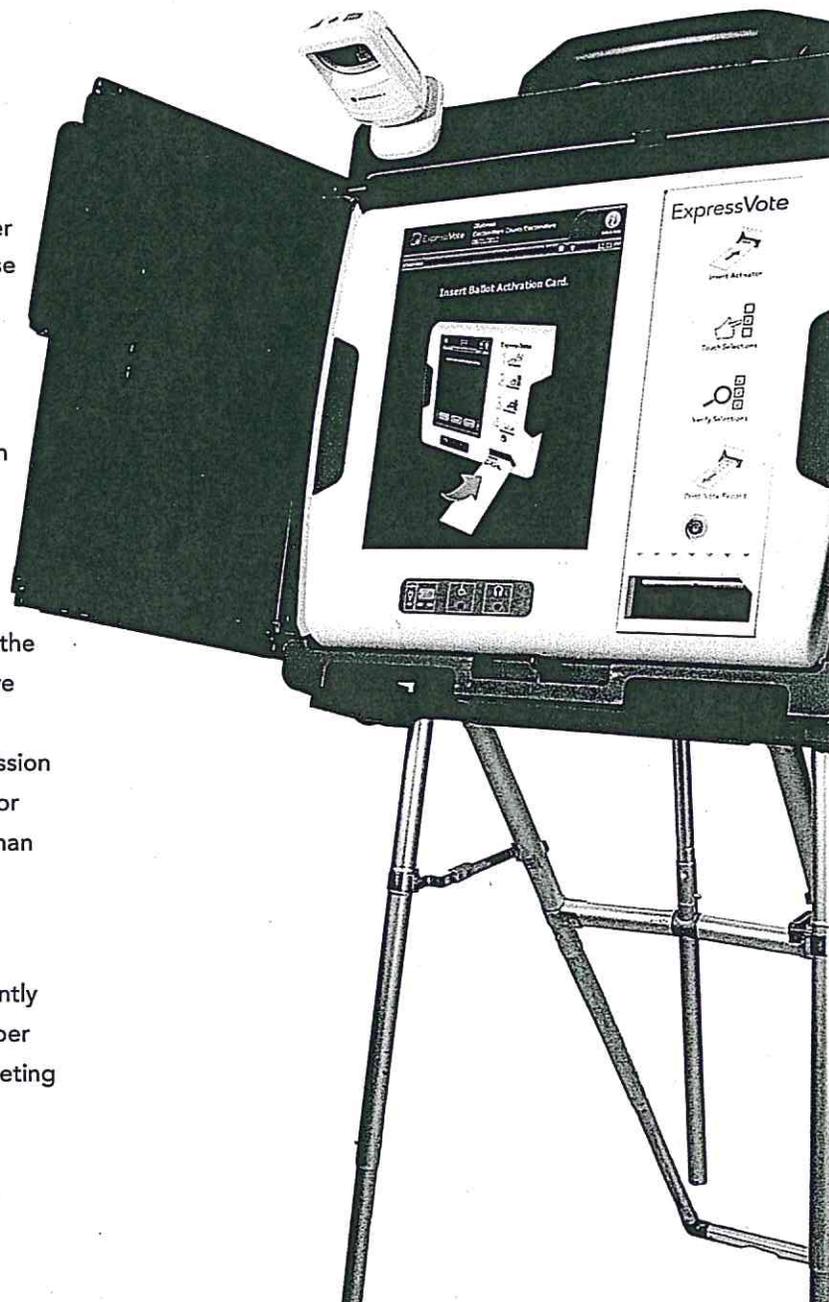
The one-step startup and poll-closing procedure makes the ExpressVote an ideal device for poll workers. The intuitive design offers streamlined simplicity for all voters, poll workers and election staff. The paper card is the vote session activator – there is no expensive technology to manage or program. The ExpressVote is small, lightweight at less than 20 pounds, and easy to carry.

### CONTROLLED AND REDUCED COSTS

Traditional ballot printing costs can be reduced significantly by eliminating the need and expense for pre-printed paper ballots. With low operation and maintenance fees, budgeting for recurring expenses with the ExpressVote is easy. The system does not use ink, toner, or paper rolls and consumes 70 percent less paper than traditional ballots.

## INNOVATIVE DESIGN

Complete and total independence is maintained while voters cast their own records. Voters review a summary page and can make changes before casting ballots. A voter's selection changes will not spoil the voting session. The system produces a verifiable paper record for each voter that is digitally scanned for tabulation. ExpressVote neither stores nor tabulates vote counts. The system is secure – the election definition media device is protected in a locked environment.



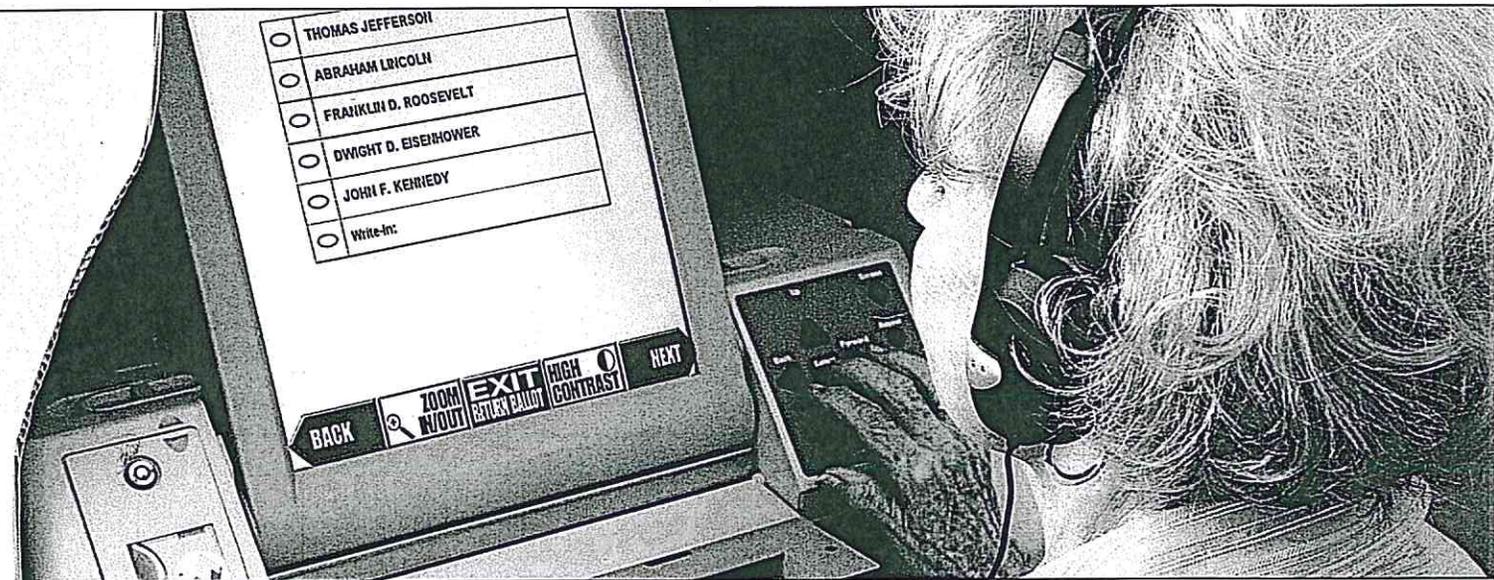


VOTER ASSIST TERMINAL

# AutoMARK

Election officials and organizations representing people with disabilities wanted to give voters with special needs the ability to mark their ballots independently and privately.

ES&S listened and developed the AutoMARK®, a ballot-marking system designed to provide autonomy to voters who are blind, visually impaired, or have a disability or condition that makes it difficult to traditionally mark a ballot. With its revolutionary technology, AutoMARK Voter Assist Terminal is the future of paper ballot marking.



# Key Features & Benefits

## **AUTOCAST™**

Allows voters to cast ballots without assistance directly into a secure ballot box after verification

## **HASH CHECK**

Provides jurisdictions the opportunity to securely validate the firmware version

## **AUDIO FUNCTION**

- Voter hears list of candidates through headphones
- Synthesized voice enables voter control of speech speed and volume
- Choices may be repeated easily
- Selections are read back to voter at the end of session, ensuring proper selections were made

## **SUMMARY VERIFICATION PROCESS**

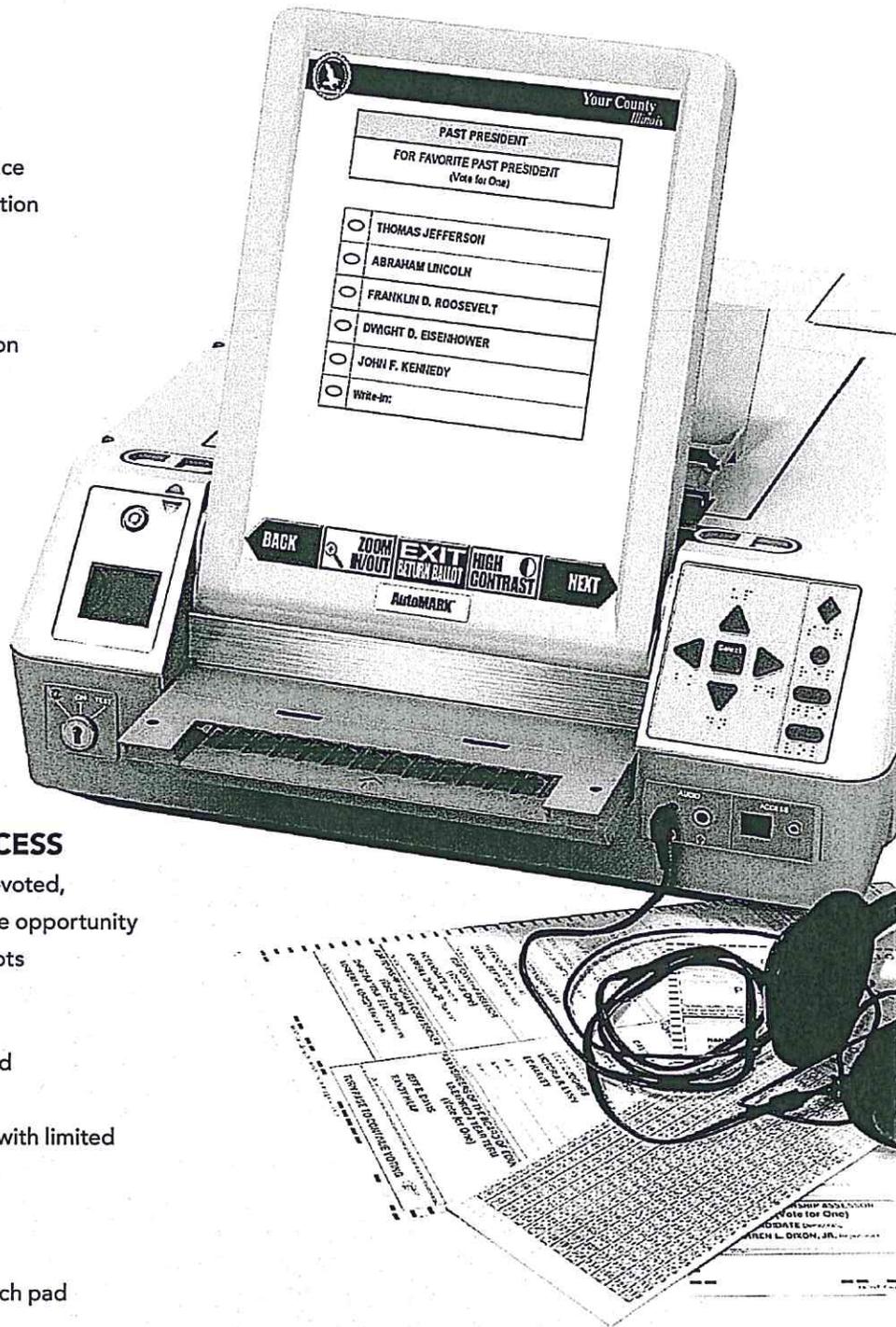
Ensures that no races are accidentally under-voted, over-voted, or left blank, providing voters the opportunity to adjust selections before casting their ballots

## **ZOOM FEATURE**

- Voters are able to increase font size displayed on the viewing touch screen
- Adjustable brightness contrast helps voters with limited vision or macular degeneration
- Compatible with current voting systems

## **SIP-AND-PUFF TUBE**

- Voters unable to use the touch screen or touch pad are able to vote autonomously





# electionware<sup>®</sup>

## election management system

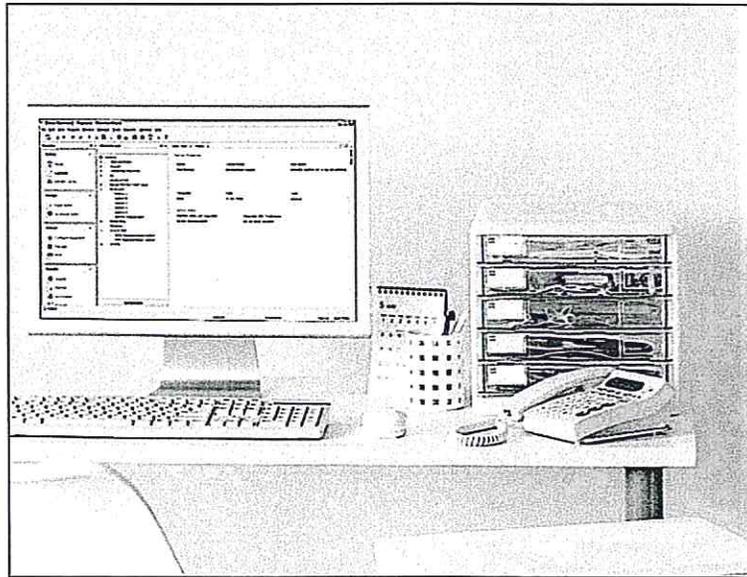
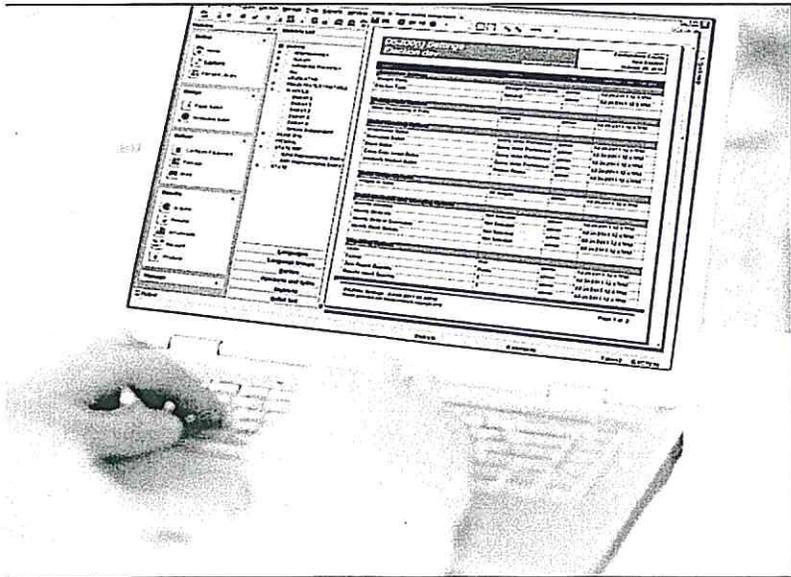
Electionware<sup>®</sup> allows jurisdictions of all sizes to manage their elections through an easy-to-use interface. This agile election management system is the result of our nearly 35 years of election software leadership.

The election management system provides everything needed to run an election at every stage, enabling election administrators to:

- Create elections
- Design ballots
- Manage election results data
- Configure selected digital scanning and accessible equipment

Electionware's design accommodates the latest in election trends, such as early voting, super polls, and electronic ballot image management.

Electionware's ability to use data from past elections as well as built-in election and ballot templates eliminates the need to re-enter data or re-create templates with each new election. These powerful capabilities enable election administrators to create error-free elections in less time.



# Electionware Group Structure

## KEY FEATURES

### • EASE OF USE

Electionware is an intuitive, easy-to-use application that streamlines workflow and removes repetition.

### • SIMULTANEOUS MULTIUSER ACCESS

Electionware enables large jurisdictions to allow multiple authorized personnel to simultaneously create poll media devices. Additionally, multiple teams of election officials can work simultaneously on different elections.

### • DATA SECURITY

Electionware incorporates the latest in election security, including heightened audit controls and change management processes that are built in to keep election data safe and secure.

### • COMPLIANT WITH THE LATEST VOTING SYSTEM STANDARDS

Electionware is certified by the U.S. Election Assistance Commission (EAC) according to its 2005 Voluntary Voting Systems Guidelines.

## BENEFITS

### • POWER

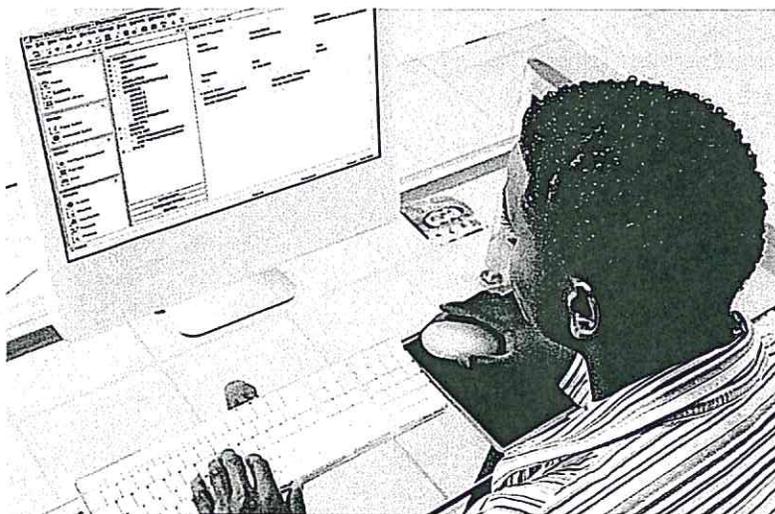
Manages thousands of ballot styles and precincts; incorporates many languages; manages and deploys multiple levels of security

### • INTELLIGENCE

Real-time election data queries 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; re-use of election and ballot layout templates; simple translation and audio file management; multiple simultaneous users; ballot image filtering, viewing, and printing



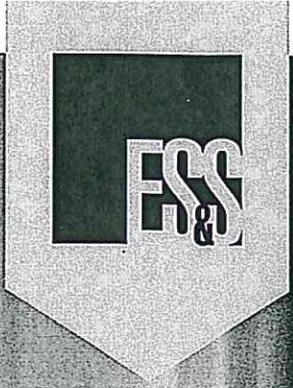
DEFINE

DESIGN

DELIVER

RESULTS

MANAGE



MAKE YOUR MARK™

# Ballot Online®

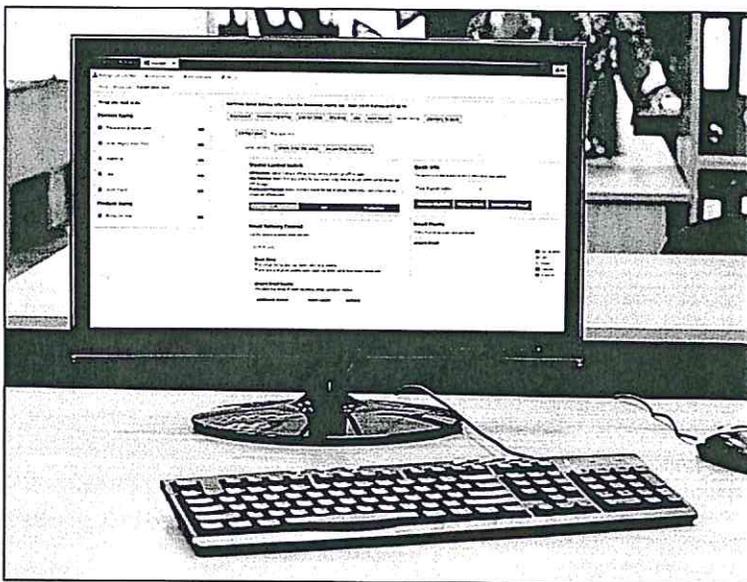
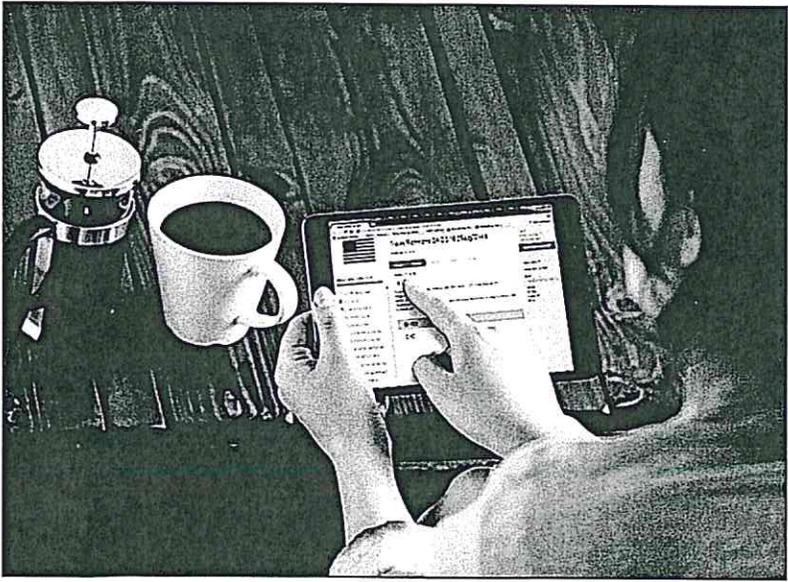
The future of voting is now with ES&S' Ballot Online® system.

Ballot Online enables election jurisdictions to deliver official absentee ballots and accurate sample ballots to eligible voters through a secure and easy-to-use website.

Voters can be notified that a ballot is available or provided with an address for the jurisdiction's unique Ballot Online website. A voter logs into the Ballot Online website to receive his or her appropriate ballot type, which is customized for voter convenience, security, and accuracy.

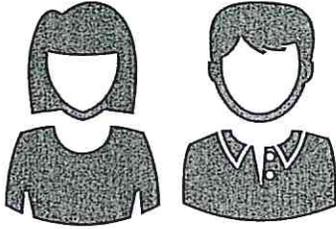
### The voter can choose to:

- Make selections online and print a completed ballot
- Print and mark the ballot by hand



[www.essvote.com](http://www.essvote.com)

# Make Your Mark



## BENEFITS FOR ELECTION ADMINISTRATORS

Ballot Online provides detailed voter and election information. The web-based administrative dashboard interface provides robust reporting options, detailed voter and election statistics, and tracks all ballot and voter activity. This information is particularly valuable to administrators who are reporting to the Federal Voting Assistance Program (FVAP) and the U.S. Election Assistance Commission (EAC).

## CONVENIENT AND MANAGEABLE

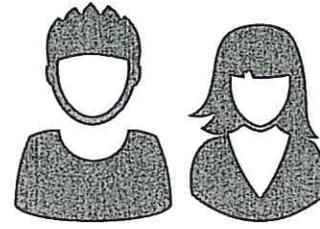
The solution provides useful real-time analytics and customizable voter communication options.

## A COMPLETE ABSENTEE BALLOT SOLUTION

Ballot Online can manage delivery of domestic absentee ballots as well as ballots for military personnel and overseas voters.

## ACCESSIBLE

Ballot Online meets the requirements of Section 508 of the U.S. Rehabilitation Act.



## BENEFITS FOR VOTERS

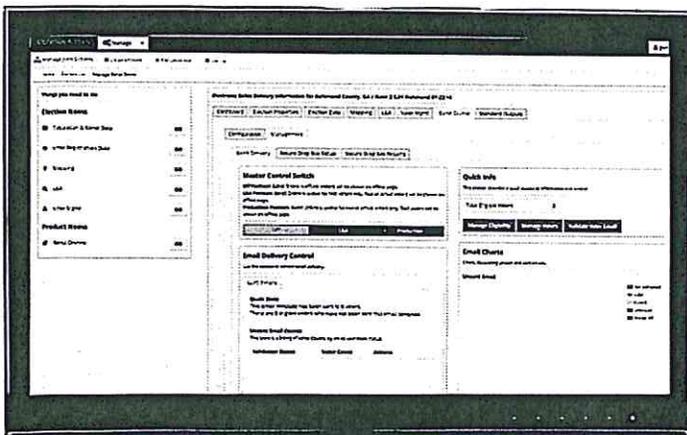
Ballot Online provides an easy-to-understand interface. It's simple to navigate through the ballot and mark selections. The process is as easy as completing an online form or survey.

## A COMFORTABLE AND THOROUGH VOTING EXPERIENCE

From the privacy and security of their own homes, voters can research their ballot choices and take as much time as needed to mark their ballots. A voter can verify and change his or her selections at the polling place as desired before the ballot is finalized and cast.

## SIMPLE BALLOT CASTING

Voters have their Ballot Online sample ballots quickly scanned at the polling place, making casting ballots easy and fast.



[www.essvote.com/ballotonline](http://www.essvote.com/ballotonline)

