H.A.V.A .
Touch Screen Voting Machines

Maricopa County
Community Network Meeting
August 30, 2006
Presentation Outline

- Impetus Behind Implementation
- Benefits of the Touch Screen
- Equipment Varieties
- Administrative Challenges
- Public Concerns
- Security Measures
- Outreach Campaign
- Demonstration of Machine
- Q&A and Hands-On Experience
Impetus Behind Implementation

- Election 2000
- Help America Vote Act of 2002 (HAVA)
  - Uniform voting practices across the country:
    - 2nd chance voting
    - Provisional Ballots
    - State-wide voter registration databases
    - Punch card voting obsolete
  - Increase accessibility to the process
    - Touch screen voting devices
    - Funding for polling place access, training, alternative formats
- In Maricopa County touch screen machines are designated for those voters who “otherwise would not be able to vote independently”
Equipment Varieties in AZ

- **Automark** by ES&S
  - 2 Counties

- **Accu-Vote TSX DRE** by Diebold
  - 12 Counties

- **Edge II** by Sequoia Voting Systems
  - 1 County
Benefits of the Touch Screen

- Large Print in English and Spanish
- Audio capabilities in multiple languages
- “Keypad” in Braille
- Sip & Puff adaptive “keypad”
- Enables mobile voting options
Administrative Challenges: Nationally

- HAVA= vendors required to supply entire country with new technology at same time
- Many jurisdictions went directly to touch screen for entire voting system prior to paper audit trail requirements & are now retrofitting printers
- Boardworker training and resistance to technology/change
- “You don’t know what you don’t know” administering to the unknown
Administrative Challenges: Locally

- Arizona Rotation: 7,000+ ballot styles in the Primary Election, no other state has this type of rotation. Not an issue on Election Day, but is for Early Voting. It takes 15 machines to accommodate our Primary Ballot.

- Storage:
  - Machines must be charged 24 hours every month resulting in new electrical configurations ($269,000)
  - Space limitations—Card Activators, Edge II, Printers, tables

- Translations—inability to do field translations
Public Concerns

- FIRST: Paper Audit Trail
  - AZ Law requires one

- SECOND: Paper Ballot as Ballot of record,
  - Current litigation on appeal seeking only use of touch screen machine which marks standard ballot
Public Concerns

- Allocation of machines where this is the only system (National concern—not in AZ)
- Tampering / Fraud / Manipulation of data
Security Measures

Pre-Election Software Testing/Retention:
- National Certification
- State Certification
- L&A Testing of each machine
- SOS storage of program of record
- Encryption
Security Measures

- Pre-Election Facility Security:
  - Data sensitive portions of system under lock
  - 2 Sheriff’s Marshalls on site 24 X 7 while live ballots in building
  - Building is card access only with restrictions on doors utilized
  - Visitor Sign in
Security Measures

**Election Day Procedures:**

- Machine shows 0 votes at setup meeting the Monday before the election.
- Machine shows 0 votes when polls open
- Voter unable to cast more than one ballot with their activated card
- Electronic file of votes cast taken with Memory Pack by 1 Boardworker as soon as polls are closed and last voter has voted
- Printer, or paper copy of votes cast is taken along with the ballots by a second group of boardworkers—one from each major party.
Security Measures

Election Day Public Oversight:

- Political Party observers
  - 1 in each polling place
  - At Memory Pack Receiving Site
  - At Election Central (during early voting tabulation, provisional ballot processing, duplication boards processing, --all stages of tabulation)
- Department of Justice observers at the polls
- Voter call in line-- both County & SOS
- Outside the polls: various organizations
After the Polls Close Procedures:

- Hand count audit (recent HB1557 legislation) by 72 designates from each of the two political parties
- Number reconciliation of:
  - Signature Roster
  - Poll Lists (Standard & Provisional)
  - Optical Scan Ballots Cast
  - Touch Screen Ballots Cast
    - Electronic Count
    - Paper Record
  - Provisional Ballots Cast
Outreach Campaign

- Direct mail: Notification letter in January to all voters who have requested Large Print or Braille formats (Sample provided)
- Direct mail: Notification letter in August regarding Early Voting sites for Touch Screen Machines
  - Large Print: Clean Elections Pamphlet included in mailing
  - Braille: Audio instructions on CD and information on audio Clean Election information via Sun Sounds
Outreach Campaign

- Demonstrations and Presentations at:
  - Arizona Center for the Blind
  - National Federation of the Blind
  - Arizona Council of the Blind
  - Foundation for Blind Children—Adult Program
  - Governors Council on Developmental Disabilities

- Email notification to community organizations
Outreach Campaign

- Informational brochures in Large Print (sample provided)
- Website posting of audio instructions
- Media:
  - Announcements on Sun Sounds
  - Press releases & Press conference
  - Radio and TV interviews
  - Newspaper articles
Maricopa County Elections Department - Voter Assistance

Voter Assistance

Maricopa County Elections Department's Assistance Program strives to ensure equal access to the electoral process for all citizens and to provide the assistance some voters may require based on physical or mental abilities, mobility concerns, or language skill sets.

From 8:00 AM to 5:00 PM Monday through Friday this service is available to assist the deaf public:

- Register to vote
- Request an early ballot to be mailed to them
- Answer questions on the electoral process
- Clarify the new ID requirements for voting at the polls; to name just a few applications

During the Early Voting Period voters will also have access during our extended business hours.

Voter Information:
- Run Sounds Voter Information Project
- Register to Vote
- Election Calendar
- Polling Place Locator

Alternative Formats:
- Alternative Formats Brochure
- Special Needs Information Request Form
- Special Needs Early Ballot Request Form for Braille and Large Print Ballots

How To Get Involved:
- Guest Speaker Program
- HAVA Speaker Talking Points
Sun Sounds Voter Information Project

Sun Sounds of Arizona is providing two ways for visually impaired voters to access the 2006 election pamphlet. Sun Sounds of Arizona has partnered with The Citizens Clean Elections Commission to provide visually impaired voters with candidate and voting information. The Sun Sounds Voter Information Project (V I P) provides two ways to access printed election materials for voters who cannot read due to a physical or visual disability via a Sun Sounds service called "Sun Dial".

Prior to the elections, V I P’s can:
1. Call 1-866-517-8711
OR
2. Follow the links on the Sun Sounds website: www.sunsounds.org

Let Us Read This to You.
1. On the Phone: 877-517-8711
2. On the Web: sunsounds.az/dial/voter

For more information call 1-866-967-8300

Sun Sounds of Arizona
The New Sound of Information Access
For more information call 480-774-9300

The Official Website of the Maricopa County Recorder and Elections Department
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Sample of Voting Instructions

- Large Print Voting Instructions (English)
- Audio Voting Instructions (English)
Demonstration of Machine

- Activate the voter card
- Standard Voting
  - English
  - Spanish
- Large Print Voting
- Sip & Puff
- Audio Voting
  - English
  - Spanish
  - Tohono O’odham
- 2nd Chance Voting
Q&A and Hands-On Experience

- Mitch Etter, Assistant Director
- John Steward, Ballot Tabulation Manager
- Tina Polich, Sequoia Project Manager