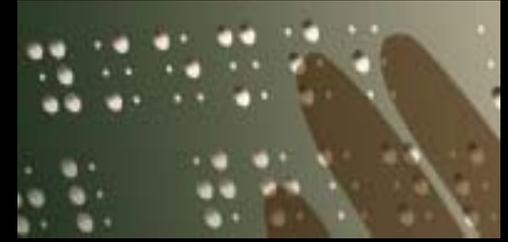


H.A.V.A .  
Touch Screen Voting  
Machines

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Maricopa County  
Community Network Meeting  
August 30, 2006

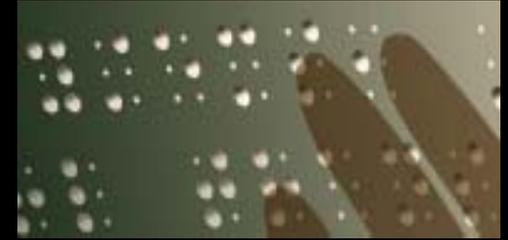


# Presentation Outline

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- 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

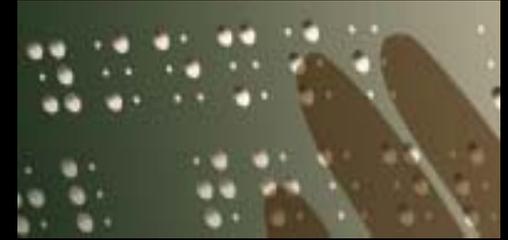
# Impetus Behind Implementation



- Election 2000
- Help America Vote Act of 2002 (HAVA)
  - Uniform voting practices across the country:
    - 2<sup>nd</sup> 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

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- *Automark* by ES&S

- 2 Counties



- *Accu-Vote TSX DRE* by Diebold

- 12 Counties

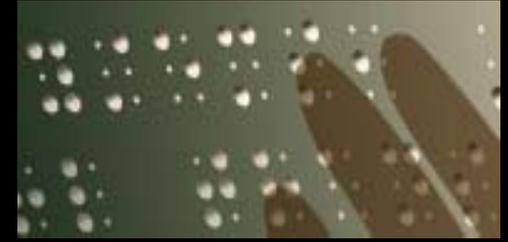


- *Edge II* by Sequoia Voting Systems

- 1 County



# Benefits of the Touch Screen



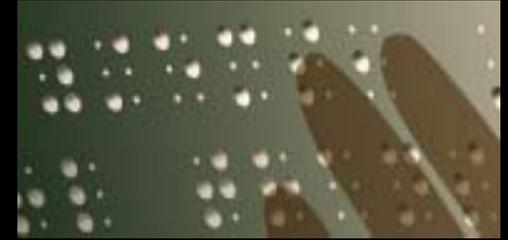
- Large Print in English and Spanish



- Audio capabilities in multiple languages
- “Keypad” in Braille
- Sip & Puff adaptive “keypad”
- Enables mobile voting options



# Administrative Challenges: Nationally



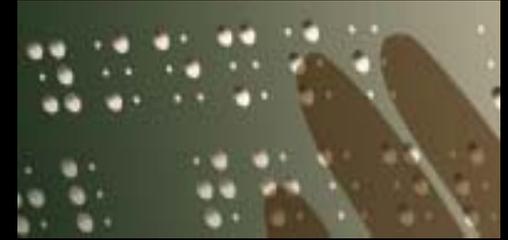
- HAVA= vendors required to supply entire country with new technology at same time
- Many jurisdictions went directly to touch screen for entire voting system prior to paper audit trail requirements & are now retrofitting printers
- Boardworker training and resistance to technology/change
- “You don’t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

# Administrative Challenges: Locally

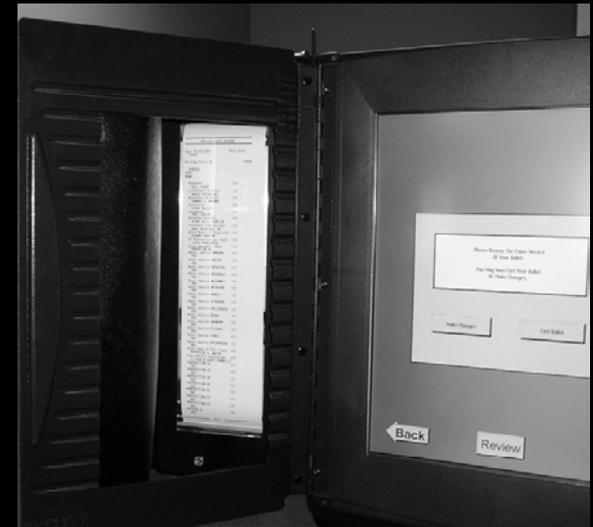


- Arizona Rotation: 7,000+ ballot styles in the Primary Election, no other state has this type of rotation. Not an issue on Election Day, but is for Early Voting. It takes 15 machines to accommodate our Primary Ballot.
- Storage:
  - Machines must be charged 24 hours every month resulting in new electrical configurations (\$269,000)
  - Space limitations—Card Activators, Edge II, Printers, tables
- Translations—inability to do field translations

# Public Concerns

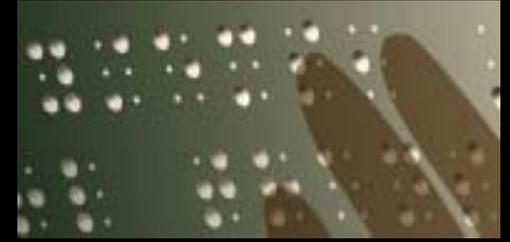


- **FIRST: Paper Audit Trail**
  - AZ Law requires one



- **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.

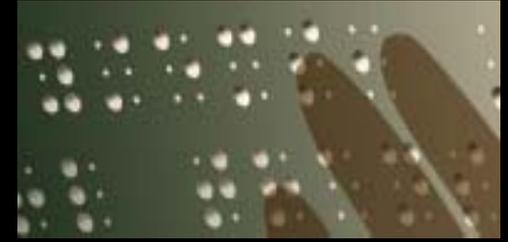
# Security Measures



## ■ 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

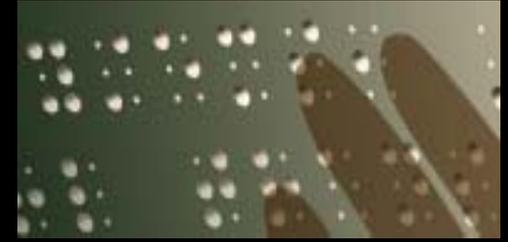
# Security Measures



## ■ 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

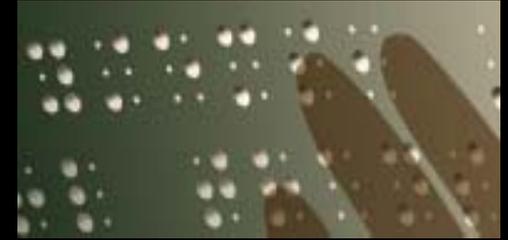
# Outreach Campaign



- 
- 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

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- 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



Know more about **Your flag!** [CLICK HERE](#)

New Law Regarding Identity Theft

**DIGITAL** Recording

ARE YOU ELIGIBLE? [CLICK HERE](#)

**ALERT!**  
[Important Information on New Voting and Registration Requirements](#)  
**ALERTA!**  
[Información Importante de Nuevos Requerimientos para Registrarse y Votar](#)

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**Helen Purcell, Maricopa County Recorder**

*"If democracy is worth fighting for, then its true value should be measured at the ballot box!"*



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[What's New](#)



[Support](#)

*En Español*

[Información de Elección en Español](#)

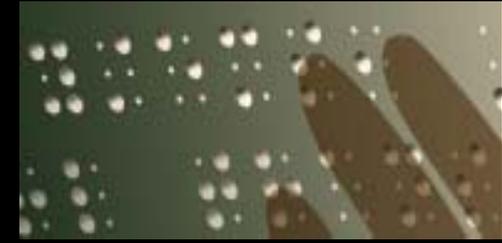


[Voter Assistance Information](#)

[Text Only version of this site](#)

[Early Vote Ballot Request](#)

[View sample ballot for upcoming election](#)



Maricopa County Elections Department - Voter Assistance - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Internet Options

Address http://recorder.maricopa.gov/Elections/Assistance.aspx Go Links



**Helen Purcell**  
Maricopa County Recorder

Tuesday, August 29, 2006

**Maricopa County Elections Department Voter Assistance**

[Información de Elección en Español.....](#)  
Seleccione una pagina para ver en español

Maricopa County Election 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.



Maricopa County Recorder Helen Purcell is seen here with the Deaf Link sign translator at the press conference launching the service. [Read more...](#)

**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:**

- ▶ [Sun Sounds Voter Information Project](#)
- ▶ [Register to Vote](#)
- ▶ [Election Calendar](#)
- ▶ [Polling Place Locator](#)

**Alternative Formats:**

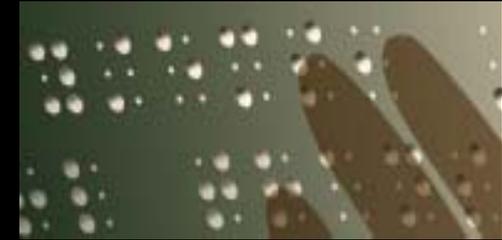
- ▶ [Alternative Formats Brochure](#)
- ▶ [Special Needs Information Request Form](#)
- ▶ [Special Needs Early Ballot Request Form for Braille and Large Print Ballots](#)

**How To Get Involved:**

- ▶ [Guest Speaker Program](#)
- ▶ [HAVA Speaker Talking Points](#)

Home  
Site Map  
Account Login  
Online Help

Menu ready for use Local intranet





- Hours & Locations ▶
- Recorder ▶
- Elections ▶
- What's New ▶
- Support ▶
- Miscellaneous ▶

## Maricopa County Elections Department Voter Assistance

[Información de Elección en Español.....](#)

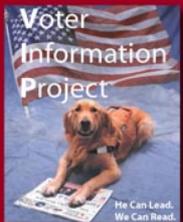
Seleccione una pagina para ver en español

### Sun Sounds Voter Information Project

**Let Us Read This to You.**

**2** Ways to listen

The Sun Sounds Voter Information Project (VIP) provides two ways to access printed election materials for voters who cannot read due to a physical or visual disability. Prior to the elections you can listen...



**Sun Sounds of Arizona**  
The New Sound of Information Access

1. On the Phone - 877-517-8711
2. On the Web - [sunsounds.org/sundial/voter](http://sunsounds.org/sundial/voter)

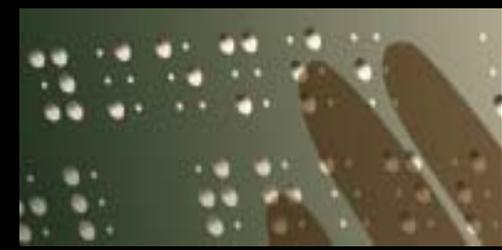
Let us read to you all year long, apply for service today!  
For more information call 1-866-967-8300

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 (VIP) 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](http://www.sunsounds.org)

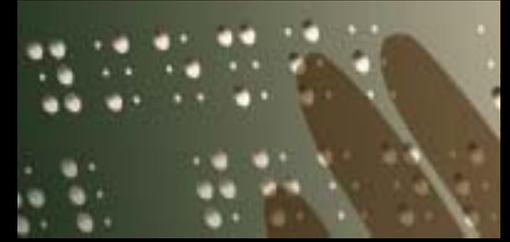


**Sun Sounds of Arizona**  
The New Sound of Information Access  
For more information call 480-774-8300



# Sample of Voting Instructions

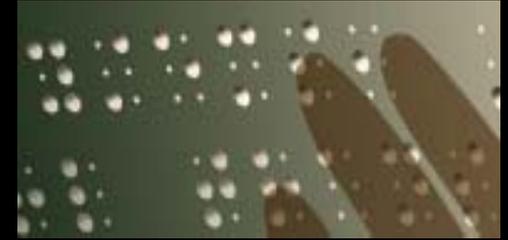
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- Large Print Voting Instructions (English)
- Audio Voting Instructions (English)

# Demonstration of Machine

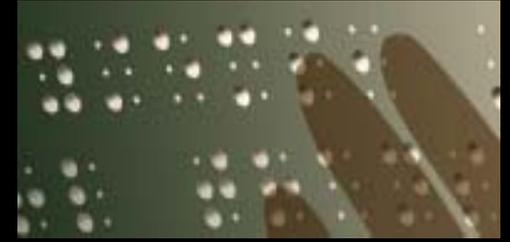
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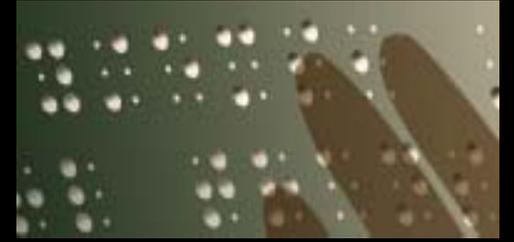
- Activate the voter card
- Standard Voting
  - English
  - Spanish
- Large Print Voting
- Sip & Puff
- Audio Voting
  - English
  - Spanish
  - Tohono O'odham
- 2<sup>nd</sup> Chance Voting

# Q&A and Hands-On Experience

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



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