



**Machine-printed Paper Ballots
vs Pre-printed Paper Ballots**

OUR GOAL

Error Free Elections

How to Accomplish

- **Understand the Process**
- **Listen to All Opinions**
- **Trust but Verify**
- **Audit the Legislature**

AGENDA

- **Machine Marked Paper Ballots**
 - Touch Screen Selected
 - Machine Printed
 - Voter Verified
 - Scanner Counted

- **Preprinted Paper Ballots**
 - Hand Marked in Ink
 - Hand Counted

Current Methods of Voting

- **Early Voting**
Must have ADA compatible equipment available
- **Election Day Voting**
Must have ADA compatible equipment available
- **Absentee Voting**
Mail in Ballots
- **Provisional Ballot**
To be Investigated

Checking in to Vote

Electronic PollBook

- Prints barcode that selects the correct ballot style on a paper card
- Informs all polling locations that voter has voted
- Prevents voter fraud
- Poll workers keep hand written list

Electronic PollBook



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Current Methods of Voting

ExpressVote

(Ballot Marking Device)

- Voter selects choices on touch screen
- Prints barcode and candidate names that the voters chooses on a paper ballot
- Voter verified paper audit trail



Ballot Marking Device

Touch screen allows voter to select / deselect

Prints choices for voter review

Voter can change selections before scanning

Recounts would use printed name, not the barcode

Arkansas audits 100% accuracy

Ballot Marking Device

Voter complaints are minimal

- Long fingernails
- Reviewing selections
- Touch screen sensitivity
- Trust

Ballot Marking Device

Cannot be connected to internet

- No modem
- No Wi-Fi
- No network
- Just marks ballot

Current Methods of Voting

DS200 Scanner / Tabulator

Voter has opportunity to review choices before ballot is counted

Shows public and protected voter counts

Maintains audit log

Cannot connect to the Internet

DS200 Scanner / Tabulator



Scanner / Tabulator

Cannot be connected to internet

- No modem
- No Wi-Fi
- No network
- Voter count total on screen

Current Methods of Voting

Absentee (Mail-in)

Pre-printed Paper Ballots

- Anyone can apply
- Paperwork omissions may prevent ballot from being counted
- Who has handled the ballot?

Pre-printed Paper Ballots

What would change?

Pre-printed Paper Ballots No Vote Centers

- Too many ballot styles (67 in 2022)
Printing extra blank unused ballots (How Many?)
- Less early voting sites
- Voters would be assigned to location
 - Address changes might have to go to a second location for the correct ballot
- Long lines to vote

Pre-printed Paper Ballots

- Hard to determine voter intent

Did voter fill in oval 


place an X

place a ✓

circle their choice

- What if voter did more than one?

Pre-printed Paper Ballots

- Hand counts are rarely accurate

- Voter is not there to ask
- Ballot must be handled multiple times
- Poll workers are tired

Pre-printed Paper Ballots

Past Hand Counts

- A small location (150 votes)
- 20 races / issues on ballot
- Almost 8 hours to certify count at poll (3:30 AM) Unofficial Results
- Poll workers had already worked over 14 hours before starting count

Pre-printed Paper Ballots

Stuffing ballots in a box (Central Count)

- How many are in the box?
- How many voted?
- Voter is not present to ask about over/under votes
- What if some are missing?
- Custody of the box?

Pre-printed Paper Ballots

New State Law (2023)
requires all ballots to be scanned **before** hand counted.

Ballot count is verified first

OFFICIAL BALLOT PRECINCT _____
2022 MOCK ELECTION
GARLAND COUNTY, ARKANSAS

INSTRUCTIONS TO VOTER

1. Vote on amendments, acts, and measures by placing an appropriate mark (●) below the amendment (or act or measure) either FOR or AGAINST.
2. If you vote more than once in a contest, your vote in that contest will not count. If you make a mistake on your ballot, return it to an election official for a replacement ballot. You may replace up to two ballots in an election.

FAVORITES

FAVORITE U.S. BEACH
Vote for One

DAYTONA BEACH FLORIDA 011911

GULF SHORES / ORANGE BEACH ALABAMA

MALIBU BEACH CALIFORNIA

WAIKIKI BEACH HAWAII

CAPE MAY BEACH NEW JERSEY


HILTON HEAD SOUTH CAROLINA

RIKERS ISLAND NEW YORK

Daytona Beach Florida Column 01
Row 19
Ballot 01
Side 01

Barcode = 01190101

GARLAND/ARKANSAS
 MOCK ELECTION
 12/31/2022
 GARLAND COUNTY, BALLOT STYLE 1



FAVORITE U.S. BEACH-----
 01 19 11 DAYTONA BEACH FLORIDA
 FAVORITE REALITY TV SHOW-----
 01 41 11 THE VOICE
 FAVORITE FOOD-----
 13 23 11 ESCARGOT
 FAVORITE NEWS SOURCE-----
 13 45 11 STRANGERS

Daytona Beach Florida	Column	01
	Row	19
	Ballot	01
	Side	01

Pre-printed Paper Ballots

How tabulator counts

Column	=	01
Row	=	19
Ballot	=	01
Side	=	01

Machine-printed Paper Ballots

Barcode from machine = 01190101

Security

All voting machines are “hardened” and cannot be connected to internet

- Programing computer
- Ballot marking device
- Scanner / tabulator
- Results program

Unofficial results must be copied to thumb drive to transmit to Secretary of State

Security

Voter count is certified by all poll workers each day, each location

Voted ballots are secured in separate, labeled container for 2 years

Hand written list must match scanner printout

Security

Garland County & 6 others

- Everything is done “in house”
- No transmissions to / from out of state companies
- Other counties use an outside vendor for programming & ballot layout

Security

Logic & Accuracy Testing

- Open to the public
- Normally, no one shows up
- Must achieve a pre-determined result or equipment cannot be used
- Candidates must get expected votes

Voter Integrity Groups

Ownership of ES&S (Equipment Vendor)
Private company
Tom Burt – President

GCEC has inspected all equipment

Logic & Accuracy testing is conducted on all machines for each election

There has been zero instances of race results inaccurately reported in AR

Error Free Elections

Is Our Goal

