

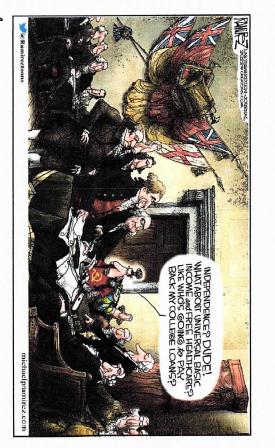
FOR ELECTION INTEG

What we've learned after 3 years of election integrity research that should make you nervous.

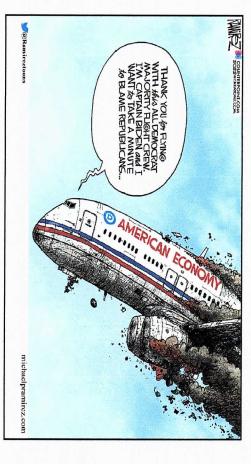
January 13, 2024

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COUNT COUNT.

EVERY
VOTE

Name:

Name

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- 1. VOTING MACHINES ARE EXCEPTIONALLY RISKY.
- INFORMED CITIZENS WANT HAND-MARKED PAPER BALLOTS TO HEDGE AGAINST MACHINES.
- 3. BUT VOTE CENTERS PREVENT ADDING HAND-MARKED PAPER BALLOTS WITHOUT ADDING MORE MACHINES.

TENNESSEE VOTERS
FOR ELECTION INTEGRITY

1. VOTING MACHINES ARE EXCEPTIONALLY RISKY

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- J. Alex Halderman, University of Michigan, Computer Science, Engineering
- 15+ years forensic voting computer expert
- Expert witness



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EVIDENCE IS EVERYWHERE...

Curling vs. Raffensperger; J. Alex Halderman, expert witness

voters who need or request them. Absent security improvement such as this, it is my opinion that Georgia's voting system does not satisfy accepted security standards."* most of the country: Usin mitigate these risks by adopting the same approach to voting that is practiced in .. Georgia can eliminate or greatly



TENNESSEE VOTERS
FOR ELECTION INTEGRITY

A VENDOR (ES&S) THAT DOESN'T SUPPORT TRANSPARENCY

May 2022 inspection.

EVIDENCE IS EVERYWHERE...

- 2023: Monmouth County, NJ
- ES&S machines double counted votes; gave losing candidate the win.
- Later, ES&S admitted mis-programing error; recount loser now the winner.
- 2021: Franklin Alderman election, TN
- Machines miscounted votes on tape; BMD-tabulator software conflict.
- Dominion: "Erroneous code present," how did that get there?

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late the win. now the winner. are conflict. re?

No one in Tenn. allowed unfettered inspection

Let's talk more.

of these machines to look for issues.

In fact, no one at state or county inspects these

Same with all vendors, SEC and EAC.

ELECTION Systems & Software

100 ess 100 @

877-311 8053 114 Apr 230

machines when enter state or county.

TCA 2-9-101(b): Technicians must be able to

inspect parts, machines.

No questions answered; Four VMs never returned. ES&S standard behavior.

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TENNESSEE VOTERS
FOR ELECTION INTEGRITY

2. INFORMED CITIZENS WANT HAND-MARKED PAPER BALLOTS

TO HEDGE AGAINST MACHINES

ADVANTAGES OF HAND-MARKED PAPER BALLOTS OVER BMD

Voter-verifiable; BMDs are not — selections encased in QR or bar code (pholo).

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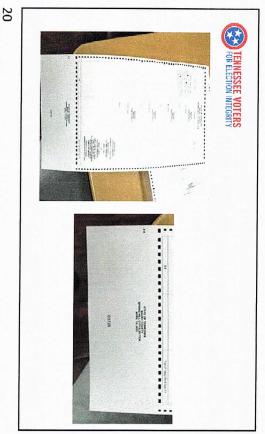
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- HMPBs voter knows who he/she voted for; 80% all voters don't check ballot.
- HMPBs eliminate the BMD machines & speed up voting process (time study).
- HMPBs can be secured and numbered to affirm limited # in precinct (photo).





ADVANTAGES OF HAND-MARKED PAPER BALLOTS OVER BMD

- Voter-verifiable; BMDs are not -- selections encased in QR or bar code.
- The voter knows who he/she voted for; 80% BMD voters don't check ballot.
- They eliminate the BMD machines & speed up voting process (time study).
- HMPBs can be secured and numbered to affirm limited # in precinct (photo)
- The risk electronic tampering greatly downplayed with HMPBs.
- National Academies of Science, Engineering and Medicine recommends HMPBs
- Alex Halderman and other cyber experts recommend HMPBs over BMDs.
- Two-thirds of the nation votes with them versus BMDs.
- Paper costs far lower than machine costs.

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* paper is false handdesirable not marked option & the best BMDs are impression State gives FOR ELECTION INTEGRITY WHAT DOES NATION KNOW THAT TENNESSEE DOESN'T? adjudication w/low rates 69%

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MAURY COUNTY ELECTION APRIL 2023: NO BMD OR INTERNET

- BMDs removed, paper poll book, numbered, hand-marked paper ballots.
- Application to vote and to registrars w/paper poll books in three-ring binders
- Find name and sign, just like we used to do. NO INTERNET.
- Pick up numbered ballot and to privacy booths to mark ballot.
- At tabulator, worker tears of numbered tab; voter votes ballot and leaves.
- Tab attached to vote application and retained.
- At closing, workers compare number of signed voters, number of ballots used and number of ballot tabs retained compares it to public and protective counts.

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WILLIAMSON COUNTY TRYING TO ADD HMPBS

- Election commission wanted to purchase machines.
- Lost first attempt; so, offered a HMPB feasibility study on second attempt.
- Approved.
- WCEC first scope of work for feasibility study: Ballots-on-demand.
- Yes, more machines to address problems created by initial machines!
- Why are machines the go-to solution for election commissions?
- Can't purchase enough machines to address issues.
- We must move back to precinct voting, otherwise HMPBs impossible and costly.



3. BUT VOTE CENTERS PREVENT ADDING HAND-MARKED PAPER BALLOTS WITHOUT ADDING MORE MACHINES

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VOTE CENTERS

FOR ELECTION INTEGRITY

- Vote centers are voting locations across a county that allow all registered county voters to vote in ANY of the "convenience" vote centers instead of in an assigned. geographic precinct.
- Precincts have specific number of voters who can vote there.
- Predictable # voters. Definitive number ballots needed.
- Vote centers allow any registered county voter to vote there.
- Unpredictable # voters and ballots.
- Every ballot for every race for every voter needed at every vote center.
- Chain of custody and cost nightmare.

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VOTE CENTERS DO NOT HELP VOTERS OR IMPROVE SECURITY

- They force voters into fewer vote locations: 42% reduction in WC
- Growing population, registrations; long lines, wait times, disenfranchisement?
- Possible strategy to move frustrated voters to mail-in or online voting?
- Have not increased voter participation. Williamson County 2004 Nov. election
- Demand internet connection for registration; VPNs today are weak at best
- Precincts smaller, precise number voters/ballots; poll workers know the voters.
- If we remain in VCs & bring in HMPBs, will require ballot-on-demand machines to accommodate all races all ballot styles throughout the county.
- More machines; BOD is uncertified by EAC. \$500,000+ in WC
- Most informed voters want SECURITY vs CONVENIENCE.

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FOR ELECTION INTEGRITY

CONCLUSION





DESPITE THESE DOCUMENTED, FACTUAL CONCERNS...

- We know that:
- Machines and vendors are untrustworthy and secretive.
- They will not allow unfettered inspections by independent sources of their vulnerable machines on which we're forced to vote.
- No one is protecting citizens from machine hazards that affect elections
- Election Commissions favor vendors over citizens.
- Need to remove as many of the machines as possible. TN law: Tabulators stay
- Hand-marked paper ballots desperately needed with cleaner voter rolls.
- Move back to precinct voting vs. vote center voting.

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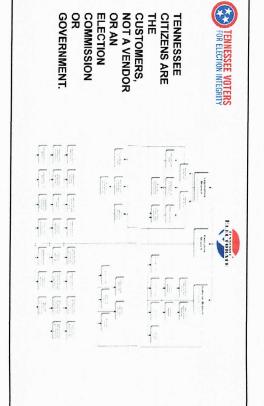
WHAT YOU CAN DO

- Get engaged or we'll lose our Republic. TRA is excellent; other TN groups
- Keep up with election integrity news, blogs.
- Tennessee Conservative News, Epoch Times, Signal, Telegram, other
- Write op-eds to your local newspaper.
- Attend election commission meetings and voice concerns
- Write/call your state legislators about issues.
- Especially when General Assembly is in session. (Jan May)
- For too long we've allowed others to pay attention and act.
- That's why we're in the ditch we're in now. Must change or we lose.

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DO WE WANT TO FULLY SECURE OUR ELECTIONS OR JUST CONTINUE TO FOLLOW THE VULNERABLE STATUS QUO?



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