

This will fix the voting issue in a way that grants full transparency and still protects the secret ballot.

Every vote must be in person or via Absentee Requested Ballot.

Every in person ballot is printed as needed at the polling location.

Every in person ballot is given a unique serial number formatted as follows:

8 Numbers for Date of election.

2 Letters to indicate type of ballot. (IP=In person, AB=Absentee, PP=Preprinted)

2 Letters for State

4 Letters for County

4 Numbers for Polling location

10 Numbers for ballot number

Example: 11082022-IP-UT-UTAH-0001-0000000001

Each polling location has a local offline server that assigns the number to each ballot as it is printed.

All polling locations start their count at 0000000001.

The database is encrypted and cannot be reviewed until the polls have closed.

The database cannot be modified by any user.

A tally of ballots cast, not votes cast, for each location is visible at the location at all times.

When each in person voter scans their ballot a receipt that includes the ballot number and each of the votes placed by the voter is provided.

Example of a receipt:

11082022-IP-UT-UTAH-0001-0000000001

X-Smith for senate

X-Jones for Congressional District 1

X-Johnson for State Representative District 1

X-Judy for Judge

The voter then reviews the receipt and acknowledges the votes.

-If the ballot does not scan or the hardware is not working, the voter may wait or make a note of the ballot number and place the ballot into a separate sealed container to be manually counted.

-If a ballot is spoiled by the voter, the ballot should be scanned and then marked as invalid.

-If there is a discrepancy between the receipt and the ballot, the ballot can be marked as invalid only at that moment.

-When a ballot is marked as invalid the voter is given an "Invalid Ballot" receipt to exchange for a new ballot at the checkin location.

-If invalid the voter is given a new ballot with a new number and they are allowed to vote again.

After polls close, the database automatically and instantly becomes available for public and anonymous review or download.

Ballots can be challenged if the person challenging the ballot can provide the receipt and is willing to make their vote public.

Absentee ballots are numbered on a separate track.

Absentee ballots, to maintain chain of custody, are not anonymous.

Special Case Scenarios:

If the printer is not working the voter will be given a Pre Printed ballot and proceeds normally.

If the ballot scanner is not working the voter will deposit the ballot into a sealed container and take note of the ballot number. These ballots will have to be counted manually.

Ballots that must be counted manually are kept separate from votes counted using the scanners and a separate list must be kept of those ballots. This list will be added to the full vote report once manual counting has concluded.

All code related to this process must be open source!

If you have questions, suggestions, or just want to discuss this issue, email me at

On Twitter/X @Nullimus

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Let me open my statement with a question. Why have we been talking about tweaking mail in ballots when we should be talking about eliminating them? Mail in ballots should be removed from the process altogether.

We all know that mail in ballots were a major component of the theft of the presidential election in 2020, and in 2022 during the Arizona elections. The exploits included poor signature verification and mystery ballots being injected into the count. We would be naive to believe these vulnerabilities could not be exploited here in Utah.

The problem, with what we know about the elections, is that it can not be proven. It can not be proven because once a fraudulent ballot is mixed with the true ballots there is no way to sort it back out. No amount of auditing, recounting, or canvassing is able to clearly identify the fraudulent ballots. At that point the only remedy is to hold a new election and we know that is a tall order. In fact, most judges, as demonstrated in the previous cases, are very reluctant to wade into those treacherous waters even when it is the most logical course of action.

I have a proposal here which describes a process by which every voter becomes an auditor, and it protects the secret ballot at the same time. I realize the window has closed to get this into consideration for this session, but the process is not very easy to unravel. I am providing you and anyone who wants a copy with my proposal so that it will be at the forefront of your minds going into the next session.

Thank you for your attention and I look forward to addressing any questions you may have about my proposal. My email address is listed at the bottom of the proposal.