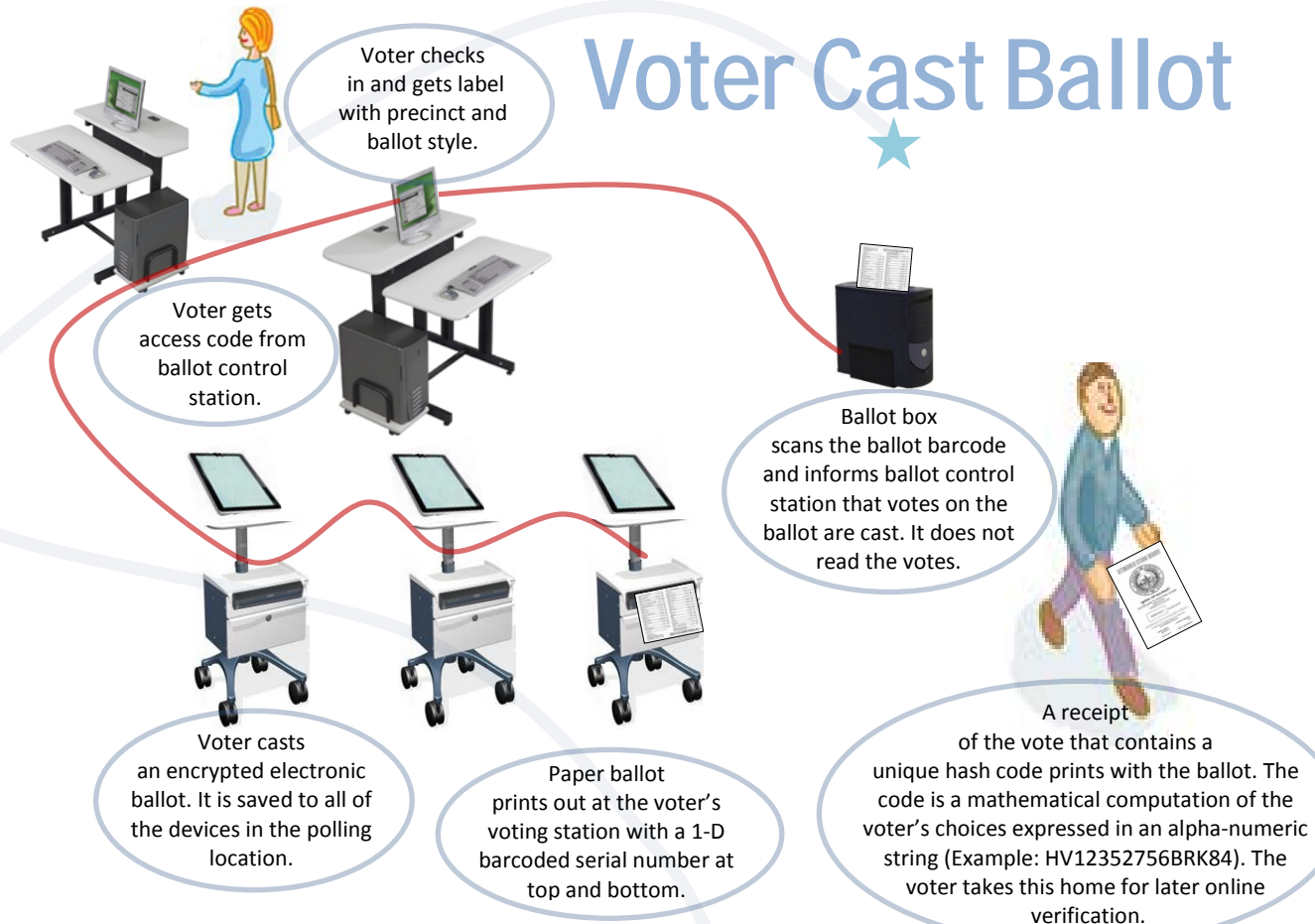
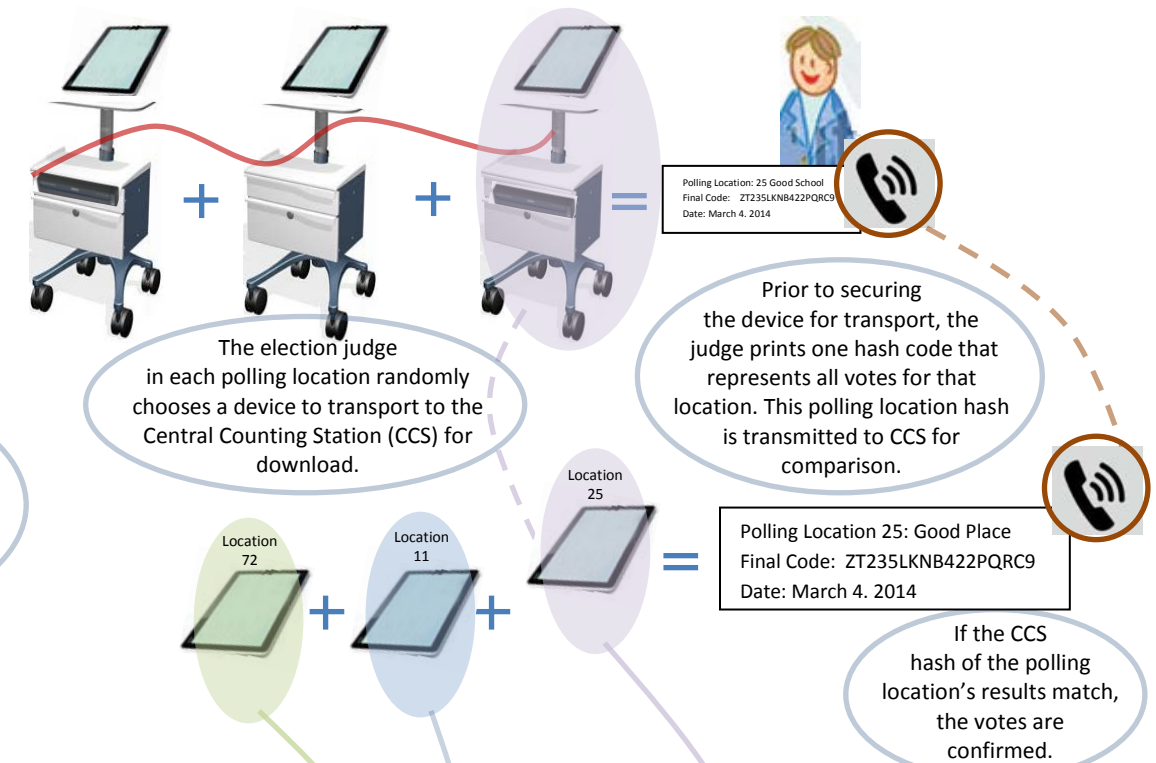


# Travis STAR Voting System Workflow Diagram

## Voter Cast Ballot



## Polls Close



A diverse group of Election Trustees are appointed and each given possession of a laptop. When a specified number of laptops are connected to the central tabulation computer, they act like a key to unlock and tally the encrypted ballots.



## Central Counting Station

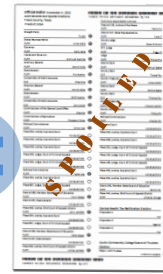
# Verification



If a voter does not put a ballot in the ballot box, it is considered "spoiled," and becomes part of a live parallel testing process.

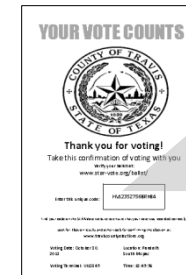


The voter may choose to take the ballot home to test the system themselves, or they may leave the ballot with the judge at the polling location. It is marked as "spoiled" and may be saved for parallel testing by the ballot board. According to Texas law, a voter may spoil 3 ballots.

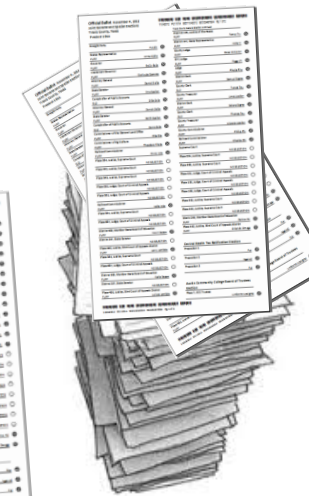
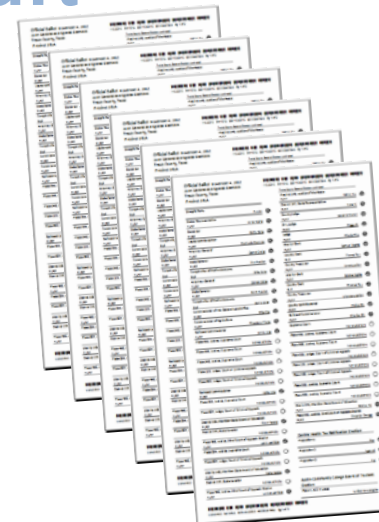
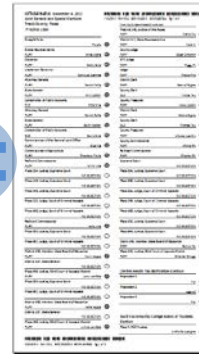


After results are posted, the images of the spoiled ballots are posted online. A voter may match the retained spoiled ballot to the image online to prove that the system correctly recorded the electronic version of the ballot. Ballots not retained by voters may be validated by the ballot board.

After all votes have been read into the system and results published, the central tabulation system creates a hash code for each cast ballot using the same mathematical computation that was used in the polling location. These computations are published online.



# Risk Limiting Audit



After the election but before the canvass, the trustees reconvene at the final ballot board for late mail, accepting provisional ballots, and performing a risk limiting audit. Using a statistical model based on the number of votes cast and the margins in each race, a specified number of ballots are randomly pulled and the content of the ballots are matched up to their electronic counterparts. The correct number of trustees must be present to use their laptop "keys" to decrypt the specified electronic ballots. If all audited ballots match, there is a high statistical confidence that all ballots were cast and counted as intended.