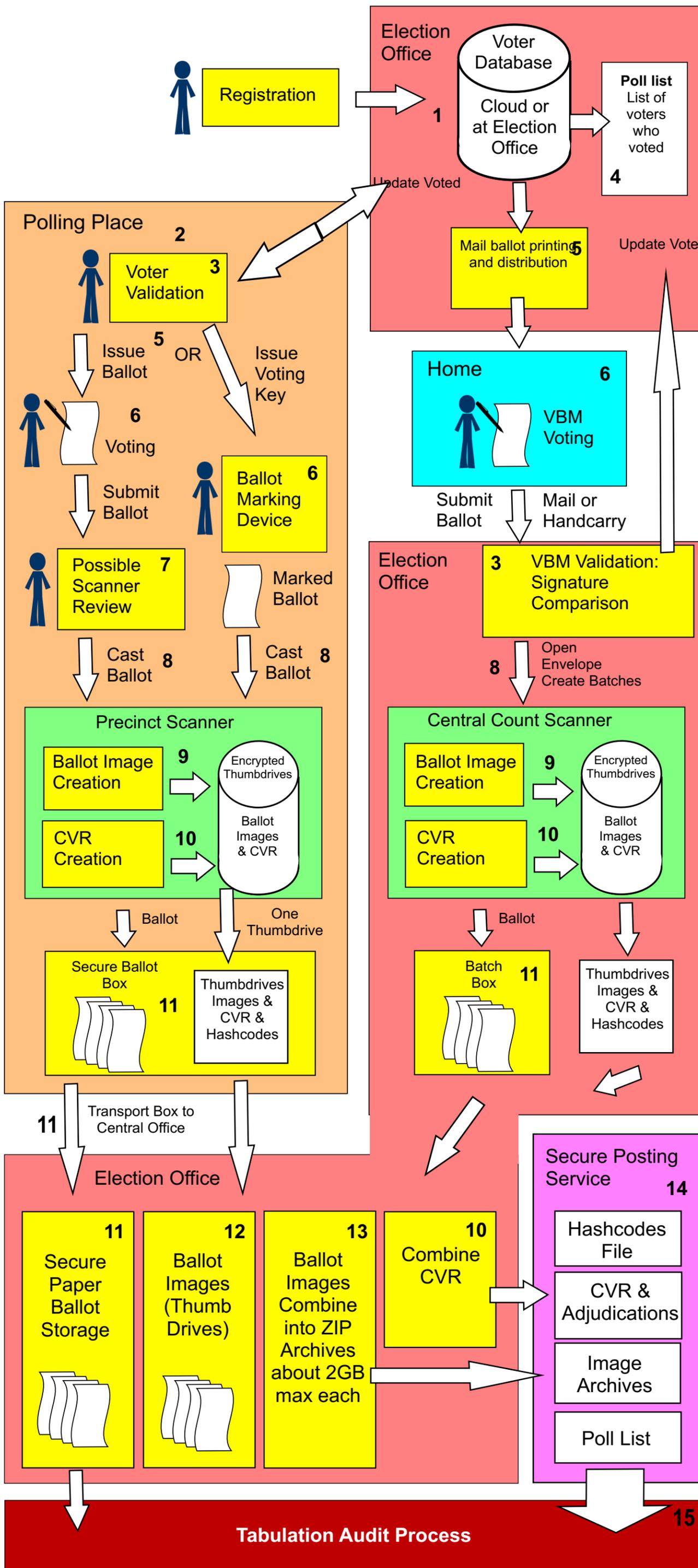


Election Hazards



1. Registration:
 - > Malicious purges/ changes
 - > Early deadlines
 - Mitigation: same day reg./ERIC
2. Polling Location Access
 - > Last minute changes
 - > too many voters, long lines
3. Voter Validation including Signature Comparison
 - > Difficult to obtain ID req.
 - > Signature comparison faults
4. Poll list errors
5. Issuing ballot errors
 - > Req. to request correct ballot
 - > Correct ballot availability
6. Marking errors (voter Intent) & Submission problems
 - > Use of unreadable bar codes
 - > Confusing ballot design
7. Scanner Review Misdirection
8. Security of Cast Ballot prior to scanning.
 - > Higher risk in central count
9. Ballot Image Manipulation prior to creating the CVR
 - > Higher risk in COTS scanner
 - > Limit risk by sampling paper
10. CVR Modification / Mismatch
 - > Voter Intent Misinterpretation
 - > Malicious CVR changes
11. Paper Ballot Security After scanning
12. Ballot Image on thumb drives Modification.
 - > Would require matching changes to CVR
13. Ballot Image Archive Creation and posting
 - > Would require matching changes to CVR
14. Posting Service Security
 - > Posting service security is key to their business model.
15. Hazards within the audit process that can defeat the audit, including reporting.
 - > Statistical audits that sample individual ballots have many hazards that may defeat the results.
 - > Ballot Image Audits can be redundantly checked to reduce hazard of compromised auditor.

More Information: CitizensOversight.org