Next-Gen Voting Systems for the 99%

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So you need a new voting system . . . what are the options?

- Commercially offerings expensive, inflexible, hard to audit
- DIY, like Los Angeles and Travis counties?
- Design: usability, auditability, cost, maintainability, interoperability . . .
- Needs:
  - money
  - design team, functional specs, RFP, procurement process
  - manufacturer?
  - certification?
  - legislation? lobbying?
- Voter-marked paper simplest, cheapest, easiest to audit (if done right—current systems not)
Pre-election tests of equipment or post-election validation of outcomes?

- Need to test anything essential to cast votes on election day: Usability of equipment and ballots, reliability of BMDs, etc. (Much less to test for voter-marked paper!)
- Q1: Performance of new equipment in ideal bench test? Q2: Accuracy in current election, as maintained, deployed, etc.?
- Need more focus on procedures and conditions of use, esp. creating and curating the audit trail.
- Evidence-Based Elections: auditability + auditing. Require convincing evidence that electoral outcome is right.
A voting system for the 99%

- LA & STAR-Vote: great, but overkill for most jurisdictions
- Better to vote on office equipment, not voting equipment:
  - open-source ballot design software incorporating UX principles
  - printed ballots or BOD using commodity PCs & printers & open-source software
  - voter-marked paper (BMDs for accessibility)
  - commodity scanners & open-source software to make CVRs
  - compliance audits and risk-limiting audits to base elections on evidence
  - need support ecosystem for jurisdictions w/ little IT expertise
- Cheap and easy to buy or replace, can use latest & best
- Break “vendor lock” and stop the money pump