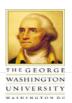


Vote confirmation for Opscan



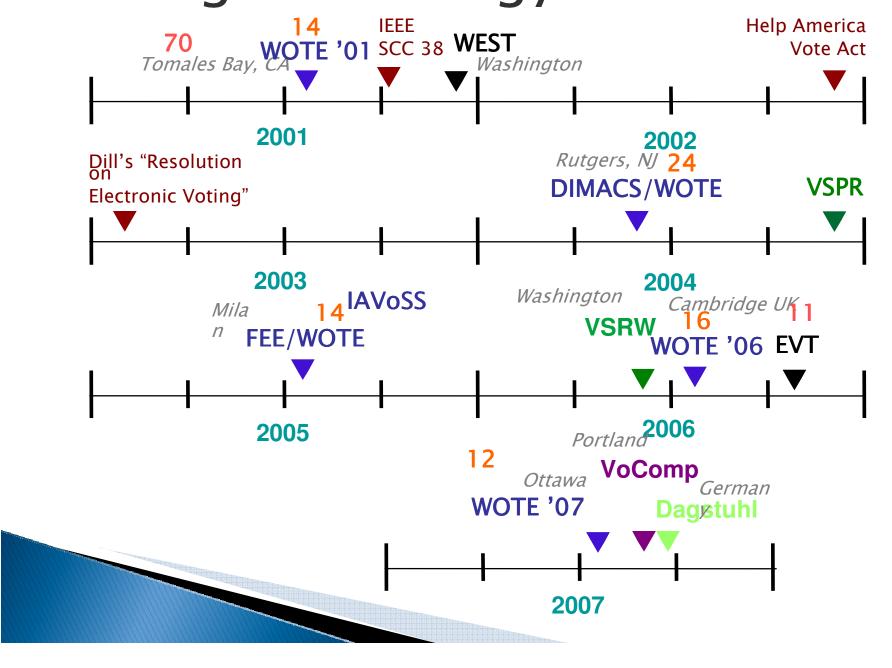








Voting Technology Events



Problems

Technologies

National Security

Voter Confidence

Reliability

Cost

Secret Ballot

Trends

Transparency

Open

Systems/Software

Electoral Rules

Counting Mechanics In-person:

Polling-place
Machine
Voters with
Disabilities
Provisional (2 kinds)

Remote:

Vote-by-mail

Internet voting

Voter Registration

DRE

DRE w/ record (VVPAT, etc) Optical Scan

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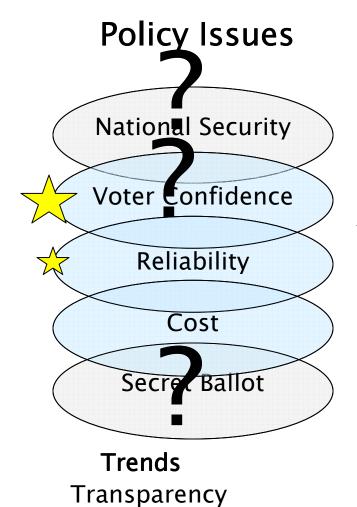
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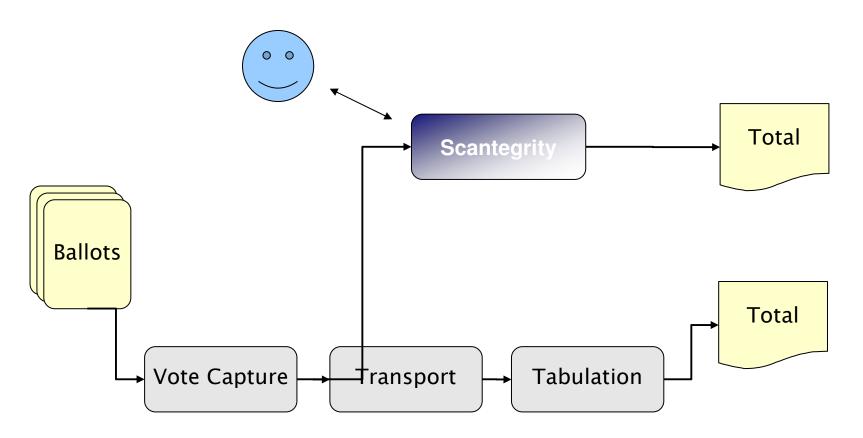
Transparency and Privacy

- End-to-end
 - Recorded as Cast
 - Voter checks "confirmation number"
 - Counted as Recorded
 - Anyone audits "confirmation numbers"
- Software independence
 - Error in voting system software cannot change outcome

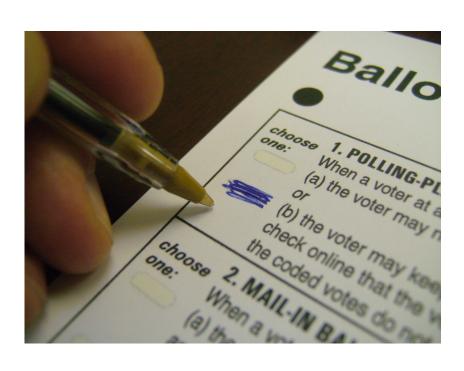
Simple adoption

- Optical scan is most widely used platform
- Secures existing optical scan and tabulation equipment
- Maintains established election procedures
- Value added features are opt-in

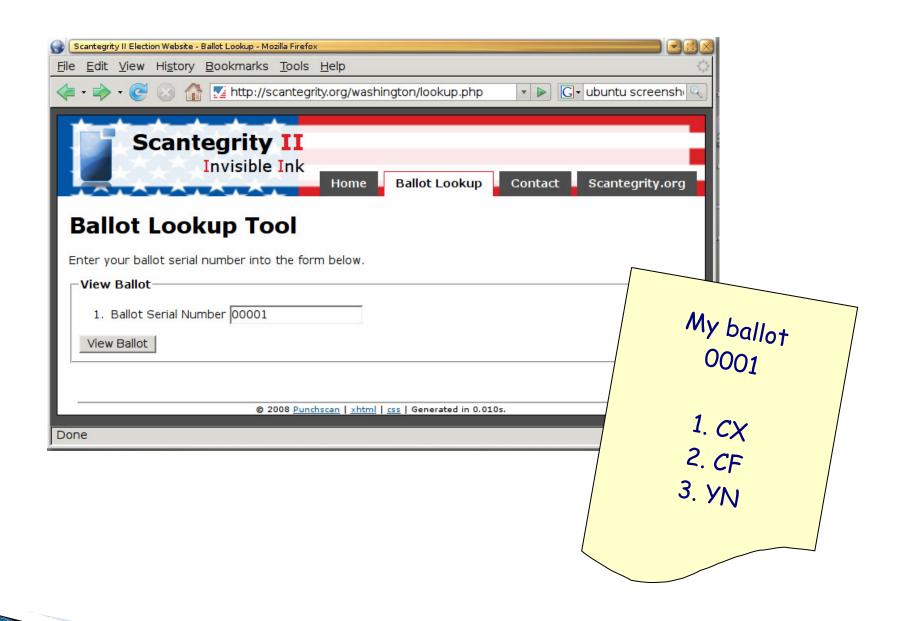
Scantegrity II The process is the same

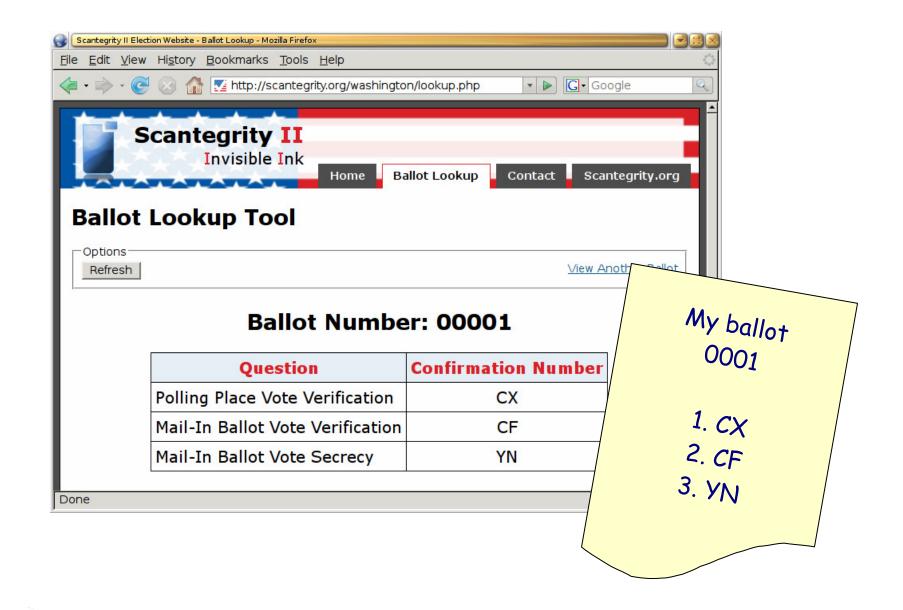


Confirmation with Invisible Ink









Readiness

- Fully implemented, ready to use
- Previous versions:
 - PunchScan grand prize, NSF VoComp 2007
 - Used in binding elections (uOttawa, CPSR)
- Open Source
- First jurisdiction to adopt free in perpetuity





Concluding Remarks

- For voters
 - See their votes count
 - Greater confidence and increased satisfaction
- For election officials
 - End-to-end verification at low cost
 - Reduces reliance on chain of custody

