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# THE FUTURE OF VOTING

END-TO-END VERIFIABLE INTERNET VOTING

SPECIFICATION AND FEASIBILITY ASSESSMENT STUDY

Allow Public to Verify Tally









#### The Question







### Team of Rivals



## Consensus Reached!





## Consensus #

Unanimity

## Different Approach



## End-to-End Verifiable Internet Voting (E2E- VIV)

- Verify votes recorded as cast
- Verify system included votes in tally
- Verify recorded votes
- Confirm outcome of election



 Any public elections conducted over the Internet must be end-to-end verifiable.

 No Internet voting system of any kind should be used for public elections before end-to-end verifiable inperson voting systems have been widely deployed and experience has been gained from their use.







 End-to-end verifiable systems must be designed, constructed, verified, certified, operated, and supported as high-assurance systems according to the most rigorous engineering requirements of mission- and safety-critical systems.

 E2E-VIV systems must be usable and accessible.





 Many challenges remain in building a usable, reliable, and secure E2E-VIV system. They must be overcome before using Internet voting in public elections. Research and development efforts toward overcoming those challenges should continue.











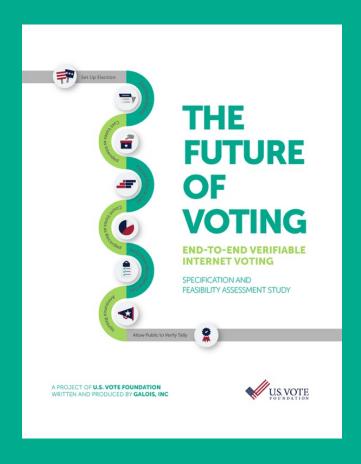






## Context is Everything

## The Report





Thank you for joining us at NASS 2015 Summer Conference, Portland, Maine

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