

EXPRESSVOTE XL: AN EXPENSIVE MISTAKE

More expensive & longer wait times than many other voting systems

DON'T WASTE OUR TIME & MONEY

The ExpressVote XL was approved for use in New York state. But that doesn't mean that counties have to use it, or should use it. One study* estimates it takes 2-9 times as many ExpressVote XL voting machines to process the same number of voters as a standard hand-marked paper ballot system that many New York's counties are currently using. This can contribute to excessively long lines. In 2024, Northampton County PA, a county that uses the ExpressVote XL "saw one of the longest lines of any polling place in Pennsylvania."** The ExpressVote XL is also almost twice as expensive as competing systems.

* "The ExpressVote XL ...can accommodate 10-12 voters with disabilities per hour or 20-60 voters per hour when used as the primary voting system ...[in comparison] DS200 [scanner in use in many NY counties] can serve 120-180 voters per hour." (PA Dept of State p.34)

** <https://www.lehighvalleynews.com/elections/northampton-county-officials-point-fingers-over-six-hour-line-to-vote-at-banana-factory>

Touchscreen voting is exponentially more expensive than pen & paper. Why?



- NY Office of Procurement Services has priced the ExpressVote XL at \$12,610 vs. \$7,180 for a competing ballot scanner such as one made by Clear Ballot. (Pages 6 & 11)
- Additionally, New York state requires counties to purchase almost 10 times the number of touchscreen machines to serve the same number of voters. From NY State Board of Elections:
 - "There shall be at least one scanning device for every 4,000 registered voters ...assigned to a polling place." (p.1)
 - "For Election Day, an ExpressVote XL [touchscreen] machine shall not be assigned to serve more than 450 registered voters" (p.20)

EXPERTS THAT REQUESTED THE EXPRESSVOTE XL - A TOUCHSCREEN VOTING MACHINE - NOT BE APPROVED IN NY

*Affiliation listed for identification only

Andrew W. Appel, Prof. of Computer Science, Princeton University
David Bader, Prof. New Jersey Institute of Technology
Duncan Buell, Chair Emeritus, NCR Chair in Computer Science & Engineering, University of South Carolina
Chris Bystroff, Prof. Rensselaer Polytechnic Institute
Richard DeMillo, Prof. School of Cybersecurity & Privacy, GA Tech
David L. Dill, Prof. Emeritus, School of Engineering, Stanford Univ
Candice Hoke, Founding Director, Center for Cybersecurity & Privacy Protection, Cleveland State University
David Jefferson, Computer Scientist, Lawrence Livermore Natl Lab

Douglas W. Jones, Emeritus Associate Professor
Comp Science, University of Iowa
Bennie Smith, Tennessee State Election
Commissioner & Software Developer
Stephanie Frank Singer, Ph.D, Senior Fellow,
Hatfield School of Government
Former Chair, Philadelphia Co. Board of Elections
Philip B. Stark, Prof. of Statistics, University of
California, Berkeley

Let's make decisions based on facts

Research from the U.S. Election Assistance Commission shows that voters wait longer on touchscreen machines.

“There is evidence that voters who use electronic voting machines ... take longer to vote than users of paper system.” (p. 12)

There is no evidence that touchscreen voting can handle longer ballots than scanners that process pen & paper ballots. In 2022 San Francisco had more than 50 candidates & issues on the ballot. They used pen & paper ballots (with assistive devices) and scanners to count them successfully.

Voters that wait longer have less confidence their votes will be counted and are less likely to vote in the future.

“Waiting a long time to vote reduces the confidence voters have that their votes are counted.”
- The U.S. EAC, 2022 (p. 3)

**Protect voters!
Protect taxpayers!
Increase confidence!
Use hand-marked paper ballots
w/ accessible devices**

EXPRESSVOTE XL COUNTY EXPERIENCING EXTREME BUYER'S REMORSE

Letter signed by both Democrat & Republican Northampton County Chairs

“Our county uses the ExpressVote XL machine, an all-in-one ballot-marking device (BMD). This device has caused errors in two elections in the last four years.

Following the election [in 2019], vendor ES&S determined that roughly 40% of the machines delivered had missed going through a touch screen calibration step before shipping from their manufacturer ...

In 2023, a different mistake ... caused the text heading of two statewide Yes/No questions to be switched on the printed card ... During the computation ... of returns, the return board was apparently instructed to switch the vote totals from poll tapes for the two affected questions, in order to reconcile with the printed result totals. Then the obvious mismatch surfaced again during the statutorily required 2% statistical sample audit, with nothing to document this “adjustment.”

THE MORNING CALL

**No confidence:
Northampton
County election
board ‘extremely
disappointed’ in
machines it
selected**



For more info contact Executive Director Lulu Friesdat
Lulu@SMARTelections.us

