

# ELECTRONIC VOTING MACHINES FOR ELECTORATES

*Electronic voting is voting that uses electronic means to either aid or take care of casting and . Electronic voting systems for electorates have been in use since the s when punched card systems debuted. In , India adopted Electronic Voting Machines (EVM) for its elections to its parliament with million voters.*

It is unsure as to whether narrowing the digital divide would promote equal voting opportunities for people across various social, economic and ethnic backgrounds. The Scottish government is considering replacing paper ballots with electronic readers and piloting a form of online voting. Once they are cast, provisional ballots are put aside until their authenticity can be verified. India, Brazil, Venezuela, Belgium, the Philippines and many US states have been using electronic machines in polling stations successfully for several years. According to the N. In this scenario, the ballot is primary and the electronic records are used only for an initial count. Under-resourced communities do not. It cannot be pressed unless the close button has already been pressed. Poll taxes, literacy exams, and property deeds have been replaced by voter-I. Some countries such as Netherlands and Germany have stopped using it after it was shown to be unreliable, while the Indian Election commission recommends it. While leaders at Westminster have been more cautious, a parliamentary commission set up by House of Commons Speaker John Bercow recommended secure online voting should be an option for all voters by In Nevada was the first state to successfully implement a DRE voting system that printed an electronic record. The ACM published a study showing that, to change the outcome of the U. Various technologies can be used to assure DRE voters that their votes were cast correctly, and allow officials to detect possible fraud or malfunction, and to provide a means to audit the tabulated results. Most voters in Estonia can cast their vote in local and parliamentary elections, if they want to, via the Internet, as most of those on the electoral roll have access to an e-voting system, the largest run by any European Union country. This aspect is even more important if it is not sure whether electronic voting is a long-term solution. In , Open Voting Consortium demonstrated the 'Dechert Design', a General Public License open source paper ballot printing system with open source bar codes on each ballot. The result button is hidden and sealed. The primary concerns with this solution are voter intimidation and vote selling. Additionally, these electronic ballots remove the need for printing of paper ballots, a significant cost. In any subsequent recounts or challenges, the paper, not the electronic ballot, would be used for tabulation. Georgia, in fact, was the first state to adopt D. An electronic voting system can be involved in any one of a number of steps in the setup, distributing, voting, collecting, and counting of ballots, and thus may or may not introduce advantages into any of these steps. DRE voting machines which collect and tabulate votes in a single machine, are used by all voters in all elections in Brazil and India , and also on a large scale in Venezuela and the United States. Cryptographic verification[ edit ] The concept of election verifiability through cryptographic solutions has emerged in the academic literature to introduce transparency and trust in electronic voting systems. New Yorker writers on the midterm elections. West Virginia is allowing military personnel to vote using an online app in the upcoming midterms. Whenever a paper record serves as the legal ballot, that system will be subject to the same benefits and concerns as any paper ballot system. The act also allocated millions of dollars for election-infrastructure upgrades, much of which was used to replace traditional voting machines with computerized machines like eSlate and the AccuVoteTS. Kemp did not respond. District Court for the Northern District of Georgia, ruled that there was not enough time to get a paper-ballot system up and running. This may increase overall voter turnout. Many countries have turned to various forms of e-voting, either by adopting electronic voting machines or offering people the chance to cast their vote online.