



# Voting System Security

*Election Systems & Software (ES&S) is a proud provider of voting system technology across the United States. We have been in the business of providing tabulation systems to local and state jurisdictions for nearly 40 years.*

The voters of our nation cast their ballots using a number of different methods. The types and kinds of technology in use across the nation vary from state to state and county to county, depending on the election laws and preferred voting methods for a particular jurisdiction. Depending on the jurisdiction, voters can cast their ballots by mail in advance of Election Day or in a polling location on Election Day, and in some cases in a polling location during an Early Voting period. A number of voters cast their ballots on a voting device designed to ensure that those with disabilities can vote securely and independently. The most common way to vote, however, remains in-person at a polling location on the day of the election. Polling place ballots are then tabulated at the precinct, or in some cases; they are centrally counted at the Elections Office.

At ES&S we design, build and sell voting systems that support all the aforementioned voting methods. The overriding design philosophy with all of our products is to ensure accuracy, security and reliability — a philosophy that has prevailed throughout our company's history. As such, ES&S is committed to ensuring the long-term sustainability of our products. A large part of our company is devoted to sourcing and maintaining replacement parts for our fielded systems – regardless of age. All replacement parts are tested and certified for use prior to installation. Additionally, we field hundreds of trained support personnel who perform preventative maintenance on voting systems to ensure that each piece of technology is in good working order prior to Election Day.

ES&S submits our tabulation systems to rigorous and lengthy test campaigns as part of the Election Assistance Commission's (EAC) Voting System Certification Program. This important program sets forth security and performance standards that were developed by Scientists, Academicians and Election Officials. All of our systems are tested by independent laboratories that have received federal accreditation.

In addition to adhering to the security and performance requirements of the EAC Certification Program, our voting equipment adheres to secure practices that surround the creation, transfer, and storage of important election files and data. Our products employ encryption and digital signing for all data-in-transit using cryptographic modules that meet the Federal Information Processing Standard. Our systems allow Election Officials to easily adhere to the laws of their state which mandates strict physical security and tight chain of custody of the voting machines.

In the event that a voting machine has a mechanical issue, or a human makes an error in preparing or using a voting machine, every state in the nation has protocols for the use of back-up equipment, audits of voting results and publicly documented physical tests to ensure that issues can be corrected prior to Election Day or before the final certification of voting results.

Our vision at ES&S is simple and unwavering. We believe in "maintaining voter confidence and enhancing the voting experience". We deliver on this commitment through our dedication to the research, design and manufacture of secure, accurate and reliable voting systems. In addition, we remain committed to submitting all of our systems to the EAC federal testing process that is the gold standard for our industry. Finally, our promise of accuracy, security and reliability is supported and strengthened by the dedication and attention to excellence that is a hallmark of the thousands of Election Officials across the nation whom we serve. We support each of these officials in our mutual quest to perpetually uphold the integrity of this nation's elections process.