Secure. Accurate. Transparent.

Trusting Your Election Results with ClearVote

At Clear Ballot, the security and accuracy of your election results is our top priority. We've dedicated ourselves to ensuring we follow cybersecurity best practices while delivering a system that is user-friendly and constantly evolving to meet your changing needs. Here are some of the ways that Clear Ballot helps you to keep your election systems secure.

No internet connection - ever.

Our ClearVote voting system is never connected to the internet. All computer-to-computer networking is done via closed ethernet systems that are protected by physical security protocols.

Our paper ballots are voter-verifiable - always.

With the ClearVote system, all voters cast paper ballots that are voter verifiable. Whether voters fill out their ballots by hand or use an accessible ballot marking device, such as our ClearAccess or ClearMark BMDs, every voter casts identical ballots with clear contests and choices. We never use bar codes, QR codes, or summary ballots.

Our tabulation system is always separate.

Our precinct tabulators and central scan tabulation systems are completely independent from our ballot marking devices and do not have ballot printing or ballot marking capabilities.

All of our software and hardware is rigorously tested by federally accredited independent test labs and state governments.

Clear Ballot's ClearVote system is federally certified by the EAC, and both our software and hardware has undergone extensive testing by certified testing labs to ensure that the system is secure and accurate. In addition to federal EAC testing and certification, our ClearVote system is certified in several states, meeting additional standards established by multiple certifying authorities. With four enhanced and certified versions of ClearVote software being released in the last four years, we can ensure our system is the most modern in the industry.

Trusted Builds you can trust.

While trusted builds are not new to the industry, we know that voters might have questions about this process. The trusted build is the origin of the chain-of-custody for any software and firmware component of the voting system. Each newly certified version of the ClearVote software is delivered to our customers as a trusted build. At Clear Ballot, trusted builds are always completed with the assistance and oversight of county and/or state election officials. As part of the trusted build process, we always provide a copy of the software to the state elections management authority.

The most auditable system on the market.

Founded in 2009, Clear Ballot first entered the market with automated, independent audits, and we've carried that commitment to transparency through to our voting system. Beyond using hand-marked paper ballots as the basis of our system, ClearVote produces the highest quality digital ballot images in the industry. This transparency is essential to ensuring the security and auditability of elections.

We harden our system to keep your elections safe.

Our ClearVote voting solution utilizes hardened system workstations and servers to reduce vulnerabilities in line with cybersecurity best practices. This includes meeting EAC and state guidelines for voting system security. Clear Ballot also utilizes the EAC's software de minimis change process to apply critical security patches to deployed voting systems.

Using encryption to keep your data secure.

The ClearVote voting system employs FIPS 140-2 certified cryptography to keep data secure. All network traffic on the closed ClearDesign and ClearCount networks is encrypted with TLS/SSL, and all election data stored on USB media drives is encrypted with AES-256 or stronger encryption and digitally signed.

For more information about the security of our products and EAC guidelines and requirements, please visit the following sites:

- www.clearballot.com/security
- www.eac.gov
- https://www.eac.gov/sites/default/files/voting_equipment/NOC19.01_SoftwareDeMinimisChanges_11-15-2019.pdf
- https://www.eac.gov/sites/default/files/electionofficials/security/Voting_System_Security_Measures_508_EAC.pdf