

...be **confident** in the results of your election.



VOTING SYSTEM AND ELECTION AUDIT

With growing security concerns, it's hard to keep up on election process. Fortunately, we're here to help. Our team of experts provides the independent review needed to build and maintain voter confidence.

DID YOUR ELECTION GO
AS SMOOTHLY AS YOU
WOULD HAVE LIKED?

PRE-ELECTION FORENSIC ANALYSIS AND AUDIT

- ▶ SLI Compliance independently verifies and validates the systems to ensure only the proper versions of the software, and no unauthorized software, is present that could exploit vulnerabilities on the system. We sample hash codes from the Trusted Build and perform validation tests on the system onsite.
- ▶ SLI Compliance conducts system audits and tests to ensure that the deployed system is identical to the certified baseline and that no improper data entry or security penetration occurred that would affect count accuracy. Our team conducts audits to ensure security techniques being used are valid and that effective security procedures are contained in the design.
- ▶ Security features are compared for validity against NIST Special Publications and ANSI Standards and Guidelines. We ensure that techniques being used are effective as built and can recommend enhanced techniques that should be implemented where needed.
- ▶ The end to end security process is reviewed to identify any weakness in the security chain. We pay particular attention to any aspects of the overall design that could place the system at risk. Our team of experts uses FIPS Compliant hashing algorithms to confirm the software and data have not been modified in any manner from the originally tested baseline.
- ▶ Finally, where risks are identified, we itemize corrective actions and compensating controls, including system configurations and architecture that can mitigate risks.

U.S. Election Assistance Commission

VSTL

NVLAP[®]
TESTING
NVLAP Lab Code 200733-0



POST-ELECTION FORENSIC ANALYSIS AND AUDIT

- ▶ SLI Compliance performs forensic audits which compare the static and semi static files of the voting system and each of its components through before and after images to ensure the system is functioning and tabulating according to specified parameters.
- ▶ SLI Compliance ensures that the code contains no hidden functionality, back doors, Trojan horses, conditional compilation flags, test flags or hardcoded passwords.
- ▶ SLI Compliance confirms the election system hasn't been compromised and does not contain unauthorized updates or any type of malicious applications, and identifies all added, altered or deleted files, programs, scripts or other operating components.

ELECTION PROCEDURE ASSESSMENT/AUDIT

SLI Compliance's Election Procedure Assessment/Audit service provides the independent review needed to strengthen internal election procedures. This includes identifying any patterns of non-compliance with State laws and regulations; shortcomings in a client's documented procedures and/or training; any lack of definition; related requirements including durational residency requirements for voter eligibility; and same-day voter registration procedures.

- ▶ SLI Compliance works with City, County, and State election officials as well as citizens to promote consensus and common understanding of their election process and needs as well as any relevant laws and regulations. Our team gathers the relevant information and analyzes it from a factual standpoint to assess the conduct of the most recent election and prepare guidelines for future elections.
- ▶ SLI Compliance's team of experts performs fact-based analysis of the gaps between current practices and applicable laws, regulations and best practices. We propose efficient solutions to address those gaps, focusing on the most important areas where risks occur that could lead to questions about the integrity of an election. The solutions we provide may be adapted to future changes in election laws and practices.

CONTACT SLI COMPLIANCE® TODAY

Helping to ensure elections are reliable, accurate, secure, and transparent.

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