



FREEMAN, CRAFT, MCGREGOR GROUP

Appropriate Goals for State Certification Testing

State Certification Testing of Voting Systems
National Conference
June 14-15, 2012
Ball State University

State Certification of Voting Systems –

Requires decisions whether a voting system can be used to conduct elections in a state and the conditions under which the voting system may be used.

State Certification Testing –

Provides information needed to make decisions about state certification.

Appropriate Goals for State Certification Testing

Provide Benchmarks for identifying a system and for analysis of engineering change orders and future releases of the system.

Determine whether a specific voting system meets the regulatory and functional requirements for use in the state.

Collect sufficient competent evidence to support conclusions that the system does or does not meet each requirement.

Appropriate Goals for State Certification Testing

Conduct a security analysis to identify system risks or weaknesses which must be addressed procedurally.

In addition to regulatory requirements, assess the accessibility and usability of the system for system operators and voters and identify issues that must be addressed procedurally.

Appropriate Goals for State Certification Testing

Determine whether the procedures in the manufacturer's user documentation are compatible with requirements for the conduct of an election under the state election code.

Provide the basis for state and system specific use procedures for systems.



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