

NIST Voting Cyber Security Activities

Voting System Security



- Researching threats to polling-place voting systems
 - Software assurance and validation
 - Voting system auditability
 - Election record integrity
- Development of standards and guidelines for voting systems
- Test methods for voting system certification

Military and Overseas Voting

- Researching threats to remote and Internet voting
 - Threats to ballot secrecy and vote selling
 - Client-side security threats
 - Phishing/Pharming attacks
 - Ensuring auditable voting systems
- Development of best practices for electronic transmission of materials



Novel Voting System Architectures

- End-to-End cryptographic Voting systems
- Independent Verification Voting Systems
- Common data format between voting system components/systems



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NIST
National Institute of
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