NIST Voting Cyber Security Activities



Voting System Security

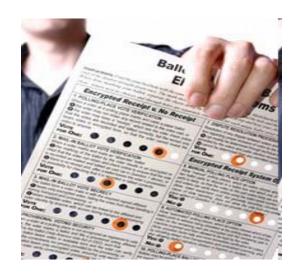
- Researching threats to polling-place voting systems
 - Software assurance and validation
 - Voting system auditability
 - Election record integrity
- Development of standards and guidelines for voting systems
- Test methods for voting system certification

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



INFORMATION TECHNOLOGY LABORATORY

