Bringing Cyber Security Training to Local Election Officials
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Help those on the frontline—campaigns and election officials—understand the risks they face from cyber and information operations.

Provide practical “playbooks” to improve readiness.

Emphasize training and preparedness as fundamental to success—a plan is only as good as its execution.

Empower policymakers to better understand the issues.
D3P Lines of Operation

**Election Officials**

**Recommendations & Training**
- The State and Local Election Cybersecurity Playbook
- State Election Cybersecurity and Information Operations Tabletop Exercise Guide

**Election Officials**

**Communications Guides**
- Election Cyber Incident Communications Coordination Guide
- Election Cyber Incident Communications Plan Template

**Election Officials**

**Table-Top Exercises**
- SEP 2017
- DEC 2017
- MAR 2018

**Campaigns**

**Recommendations & Outreach**
- The Cybersecurity Campaign Playbook
The No-Fail Mission

Protect the integrity of the elections process and preserve the public’s confidence in the system.
D3P: Election Outreach

Direct engagements with 44 states
National Conference March 26 & 27 2018
TTX Train the Trainer Event

Day 1: Threat Briefs, TTX, and AAR
Day 2: How to Build and Execute a TTX

38 States & 120 Election Officials
TTXs in Action
State and Local Election Cybersecurity Playbook
S&L Playbook Components

- **Playbook Approach**
- **Common Ground**
  - 10 Best Practices for All Election Jurisdictions
  - Research Insights by Election System
- **Technical Recommendations by System**
  - Voter Registration Databases
  - Vote Casting Devices
  - Vote Tallying Systems
  - Election Night Reporting
  - Internal and Public-Facing Communications
- **Appendices**
  - Vendor Selection and Maintenance
  - Election Audits
  - External Resources
TTX Guide Components

• TTX Guide Approach

• Logistics

• Scenario Development
  o Strategic (WHY), Operational (WHAT), tactical (HOW)
  o Phase 1: Set the Stage (threat analysis, system of systems, risk ID)
  o Phase 2: Scenario Crafting (structure, background, plan, injects)
  o Conduct rehearsals!

• Event Execution
  o Pre-event rehearsals
  o Day of Agenda (threat brief, TTX, AAR)

• Appendices
  • Risk Matrix Worksheet
  • Intro Brief Template
  • Inject Tracker and Master Injects
  • Paper Training Aid Inject Examples
  • Budget Guidelines
Since March 2018....

- California
- Ohio
- New Jersey
- North Carolina
- Colorado
- South Carolina
- Wisconsin
- Illinois

And counting!
Lessons learned from states

Resources
- Playbooks distributed widely to candidates and election officials

What we still need to do:
- Information Operations awareness and response

Replicating a TTX
- Adapting TTX components such as AAR or simulation timing for your audience
- Customizing the TTX Guide
- 1 TTX vs multiple smaller TTXs
- Recruiting and training moderators