WE THE VOTERS

OUR IMPACT ON 2020

CLEAN ELECTIONS

#wethevoters

Election Security

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WE THE VOTERS CONFERENCE

OBJECTIVES

- Talk about our current threats
- Talk about how we protect our elections
- How to protect your vote

The Threats We Face

Overview

Our biggest risk – loss of voter confidence

Traditional hacking

Information operations

Physical threats

The Threats We Face

Our biggest risk – loss of public confidence – who would do that?

- Nation States
- News Outlets
- Political Entities, including candidates and elected officials
- Hactivists, Ethical Hackers, and Hackers of Opportunity
- Conspiracy Theorists
- Pranksters and Satirists

The Threats We Face

Traditional Hacking

There's a difference between election systems and election-related systems

Our actual election systems are pretty secure

Our office networks are incorrectly identified as election systems

This may now be the most expensive and least effective way of attacking the election process

The Threats We Face

Information Operations

Social Media: Nation-states trying to create division and mistrust, domestic political entities, inadvertent actors meaning well, pranksters

News Outlets: Elected officials and candidates explaining losses, media sensationalism

The Internet: Conspiracy theorists using websites and blogs

Text and Phone: Domestic groups attempting voter suppression

The Threats We Face

Physical Threats

Physical access to equipment or materials

Ballot harvesting/Impersonation

Violence or threats at the polls

Disasters

How we protect our elections

Overview

Traditional, baked-in security

Creating a ***culture of security***

Being prepared

Public education

Transparency and working with the media

Modern, industry-standard cybersecurity controls

Joining the greater election security community

How we protect our elections

Traditional, baked in-security

Developed over centuries of elections

Diverse systems are impossible to compromise in a widespread way

Election systems are NEVER connected to the internet

Voter-verifiable paper audit trails

Hand-count audit

Audit processes across many, many validation points

Chain of custody controls and logging

Contingency plans

WE THE VOTERS CONFERENCE

How we protect our elections

Creating a Culture of Security

Awareness for everybody in the process

Creating security engagement programs

Security training for staff

Security outreach to candidates, parties, and PACs

Improving interagency and interdepartmental relationships

Regular statewide meetings and information sharing

How we protect our elections

Being Prepared

Building the Election Incident Response Plan

- Emergency Communication Plan
- Social Media Response Plan

Participating in drills and exercises

How we protect our elections

Educating the Public

Joint effort by Clean Elections and the SOS

- Be clear about the threats facing us
- Show how we are protecting ourselves
- Differentiate between election systems and “other” systems
- Warn about the scope and breadth of misinformation
- Warn about new misinformation technology
- Encourage getting election information from valid sources
- You are guaranteed the right to cast a ballot
- How to protect your voter registration, your ballot and your vote

How we protect our elections

Transparency and working with the media

Educating the media about security processes

Inviting them to our public processes

Notifying them about any security incidents as soon as it's safe to do so

Hopefully, they help with public education

How we protect our elections

Modern, industry-standard cybersecurity controls

Cybersecurity is not a new science

HAVA grants to counties to improve security posture - $7M

Security products and services from federal and state agencies

How we protect our elections

Joining the greater election security community

There is a lot of help out there – DHS, FBI, EI-ISAC, EAC, CIS, CISA, National Guard, ADOA, and private sector

Participating in national information sharing about security trends and best practices

Reporting incidents up, and receiving bulletins handed down

Statewide Election Security Meeting hosted by SOS

Working with ACTIC (AZ Counter-Terrorism Information Center)

How to protect your vote

Overview

Know you have a right to vote

Know where to get election information

Know that people are trying to mislead you

Don't give your ballot away

Confirm your voter registration information

Beware of sensationalist news stories

How to protect your vote

Know you have a right to vote

Anybody at the polls before closing time will be able to vote

You have the right to vote a provisional ballot

Don't believe misinformation campaigns that state otherwise

If you need immediate action, call the county elections office

How to protect your vote

Know where to get election information

Your county elections office

The Secretary of State's Office

Clean Elections

Fact-check what you see on social media, or receive through email, mail, or text.

Please don't pass on election or candidate misinformation

How to protect your vote

Know that people are trying to mislead you

We will see unprecedented misinformation in 2020

Misinformation technology is advancing quickly

Criticize information before you buy into it

Criticize information before you pass it on

Know that family and friends may inadvertently pass misinformation

Beware of candidates and elected officials claiming rigged elections caused their losses or their party's losses

Know that bad actors may be driving political conversation, not just putting our bad election or candidate information

How to protect your vote

Don't give your ballot away

Beware of ballot harvesting

In North Carolina in 2018, a congressional election had to be re-done

In Arizona, your mail ballot can only be given to family members, household members, or caretakers.

How to protect your vote

Confirm your voter registration information

Voter View (search for “Arizona check voter registration”)

Check your county website or call them

Check periodically, before each major election

How to protect your vote

Beware of sensationalist news stories

Remember, sensational news sells

Call your county election office or the SOS to get more information

Differentiate between election systems and “other” systems

Arizona was not hacked in 2016!!!

Wrap-up

Questions?

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