

Defending the Front Door and the Firewall

Improving the Cyber and Physical Security of Your Elections

NCSL Legislative Summit 2021

Overview

Introduction
Cyber
Physical
Discussion

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Maurice Turner

Alliance for Securing Democracy
(ASD) at the German Marshall
Fund of the United States (GMF)

United States Election
Assistance Commission (EAC)

Center for Democracy &
Technology (CDT)

United States Senate

Other public & private sector
organizations



Alliance for Securing Democracy

Information Operations

Social Media
Online Platforms
Traditional Media

Geopolitics

China
Russia
Iran

Democratic Infrastructure

Elections
Cybersecurity
Finance

Cyber

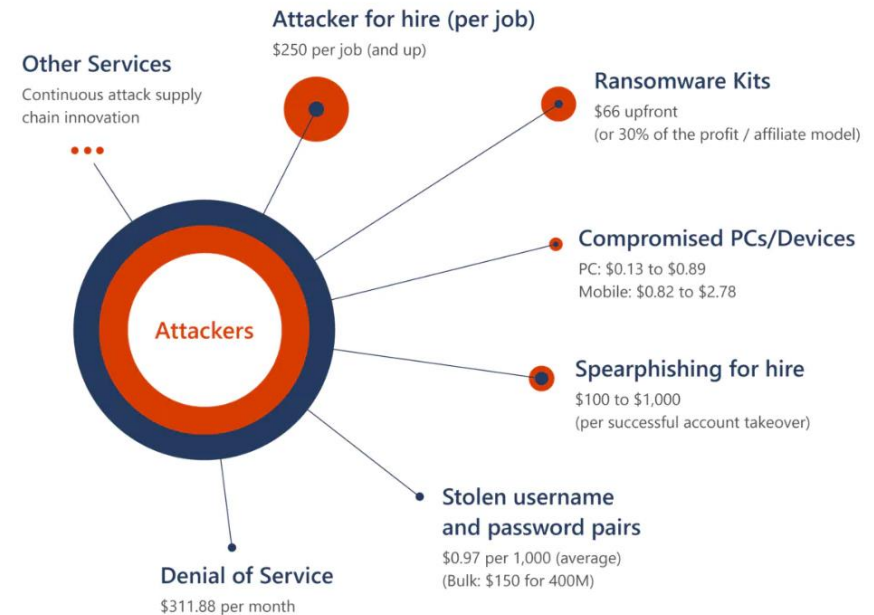
Threats

Ransomware-as-a-Service

Phishing for credentials

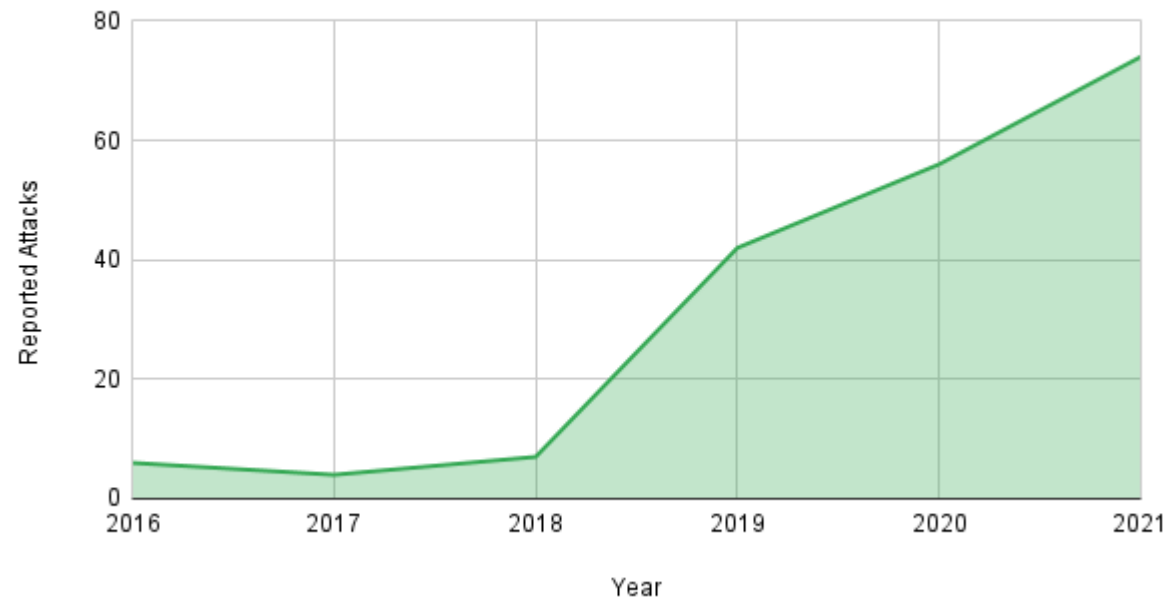
Confusing voters

Average prices of cybercrime services for sale



Risks

Reported Ransomware Attacks Against Schools per Year



System disruption by foreign actors or hacktivists

Accessing voter files & ballot definitions

Fake websites

Mitigations

Vulnerability Disclosure Policy,
Software updates, VWSG 2.0

Multi-factor Authentication &
Zero-Trust Networking

.gov domain name

**The Secretary of State's
website is now...**

ilsos.gov

The change helps to combat fraud. A ".gov" domain designates it as an official government website, which is exclusively provided to federal, state and local government entities.

Physical

Threats

Ballot tampering

Equipment chain of custody

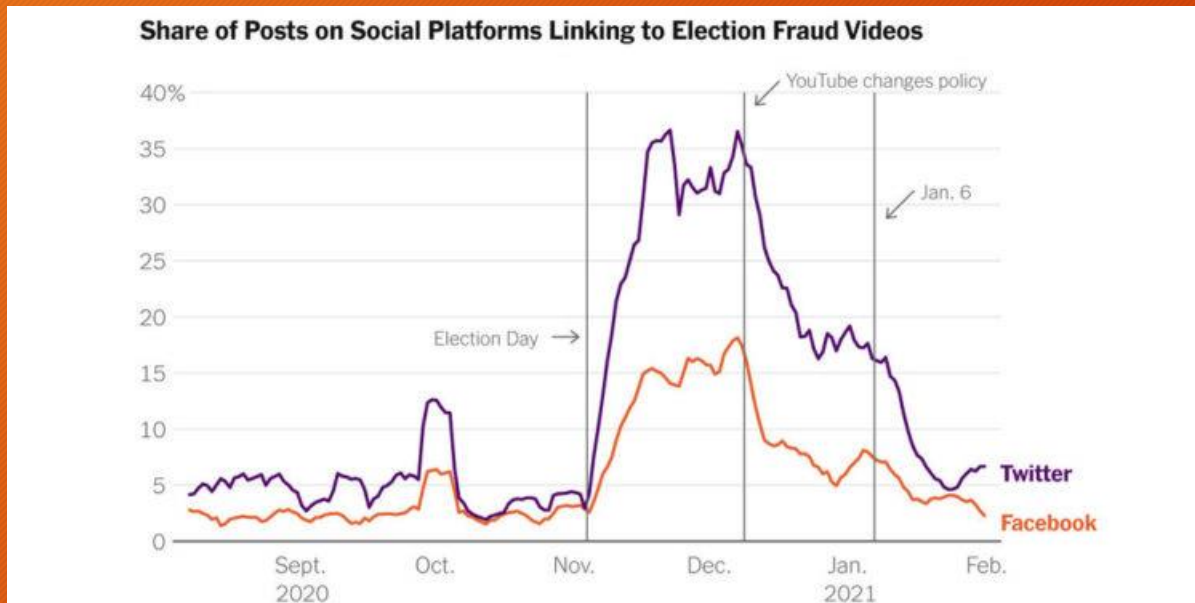
Violence against election officials & poll workers

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Brennan Center

Risks



Center for Social Media and Politics at NYU

Drop boxes

Local, shared, or cloud-based equipment

Amplification of misinformation

Mitigations

Video surveillance

Limiting & logging access

Civic leadership



FLORIDA SUPERVISORS OF ELECTIONS

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Executive Committee 2021 - 2022

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Mark Earley

Vice-President
Ron Turner

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Past President

Florida Supervisors of Elections Message to Voters on Election Integrity

The strength of our nation rests on the ability that “We the People” have a voice in its governance and are confident in the integrity of our elections. In this hour, public trust in our elections is being systematically undermined, to the detriment of all Americans. During and after the 2020 Presidential Election, the integrity of our democracy has been challenged by misinformation, disinformation, and malinformation that sows discord and undermines trust in America’s electoral process.

As your Supervisors of Elections, and citizens of our own communities, we have dedicated our public service to the impartial administration of Florida’s election laws and conducting fair, honest, and accurate elections. Those laws make it easy to vote and hard to cheat. Florida voters can be confident in the professionals they elected to administer our elections, and the protections that ensure every ballot is counted accurately and only eligible Floridians are on the

Discussion

Over / Under

Average Ransomware
Payment

\$100,000

Vulnerabilities Patched
by Microsoft This Year

900

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How will the US respond to a deliberate, persistent cyber attack on Election Day?

What happens when there aren't enough poll workers because they fear for their safety?

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Biggest Cyber or Physical Security Concern