



**Board of
Elections**

The State of Cybersecurity: Summer 2018 Update

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Background

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➤ Cybersecurity as a Focusing Event

- Alleged foreign interference in 2016 elections.
- Elections vendor hacked; Phishing campaigns.
- Constant monitoring and probing of elections infrastructure.
- Elections infrastructure designated by federal DHS as critical infrastructure.

Partnering with NYSBOE

- New York State Board of Elections has partnered with:
 - Federal Department of Homeland Security (DHS);
 - Federal General Services Administration (GSA);
 - Federal Bureau of Investigations (FBI);
 - Governor's Cybersecurity Advisory Board (CSAB);
 - National Association of State Election Directors (NASED);
 - NYS Department of Homeland Security and Emergency Services (DHSES)
 - NYS Office of General Services;
 - NYS Office for Information Technology;
 - Multi-State Information Sharing and Analysis Center (MS-ISAC)
 - Elections Infrastructure Information Sharing and Analysis Center (EI-ISAC);
 - The Belfer Center for Science and International Affairs at Harvard University;
 - University at Albany's Center for Technology and Government;
 - NYS Association of Counties; and
 - County Boards of Elections and County IT Departments
 - And many more....

2018 Cybersecurity Funding

\$5 Million in the NYS State Fiscal Year 2018/19 budget. This is a one-year appropriation.

\$19.5 Million in the federal budget. This appropriation is good for five years.

NYSBOE's ARMOR Plan

Assess the Risk;
Remediate the vulnerabilities;
Monitor Ongoing Operations;
Respond to incidents.

NYSBOE Secure Elections Center Action

- Implemented a cybersecurity incident notification plan.
 - **DHSES Cyber Incident Response Team (CIRT): 1 (844) OCT-CIRT or 1 (844) 628-2478;**
 - **NYSBOE Secure Elections Center: 1 (833) CYBERNY or 1 (833)292-3769.**
- Conducted, in conjunction with the federal DHS, 6 regional tabletop exercises. 60 of 62 Counties participated. There will be another round of federal tabletops August 13-15, 2018.
- Implementing web-based SANS training to all NYSBOE and CBOE employees.
- Contracting a vendor to provide uniform risk assessments of all CBOEs and its infrastructure.
- Procuring intrusion detection services and managed security services for CBOEs.

Actions for County Boards

- Join MS-ISAC & EI-ISAC.
- Audit NYSVOTER access on a continual basis.
- Review the NYSBOE Cybersecurity Incident Notification Plan.
- Read the Center for Internet Security (CIS) – A Handbook for Elections Infrastructure Security.
- Plan to participate in one of the August 13-15, 2018 federal DHS elections tabletop exercises. More details will be provided.