



Federal and State Cybersecurity Activity

Pennsylvania State Senate
Local Government Committee
Communications & Technology
Committee

January 31, 2024

Susan Parnas Frederick, Sr. Federal
Affairs Counsel, NCSL



Congressional Activity

Nothing has passed both chambers

- Senate bill – Critical Infrastructure (2022)
 - Sen. Gary Peters (MI) plus 15 bipartisan cosponsors
- House bills – Workforce
 - Cybersecurity --H.R. 4502
 - Rep. Nancy Mace (SC) & Rep. Kathy Porter (CA)
 - Artificial Intelligence - H.R. 4503
 - Rep. Nancy Mace (SC) and Rep. Gerry Connolly (VA)





Federal Agency Actions

Cybersecurity & Infrastructure Security Agency (CISA)

- CISA Year in Review - www.cisa.gov/about/2023YIR
 - Areas of activity in 2023 to include AI roadmap, ransomware reduction, critical infrastructure support, K-12 education, healthcare, and election security.
- Incident Response Guide for Water and Wastewater Systems Sector - CISA, FBI & EPA
 - www.epa.gov/system/files/documents/2024-01/wws-sector_incident-response-guide.pdf
 - Ransomware is primary avenue of activity.
 - Iranian cyber actor group – CyberAv3ngers exploited poor password security

CISA – Incident Response Guide

4 Stages of Incident Response Cycle



Preparation

- Water and Wastewater sectors need an incident response plan



Detection & Analysis

- There must be accurate and timely reporting when there is a cyber incident.

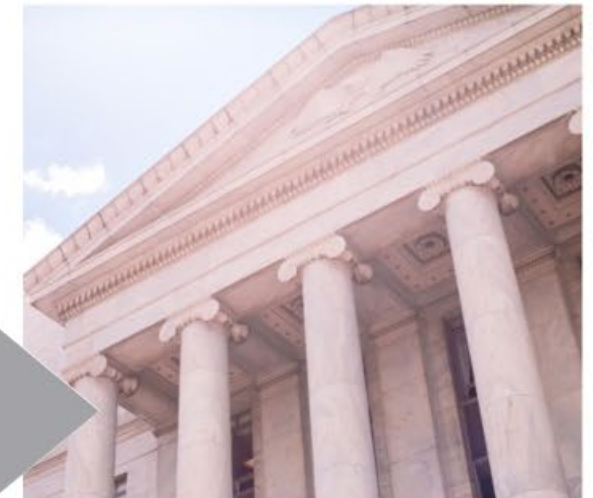
Containment, Eradication & Recovery

- The federal response (CISA, FBI, EPA) can provide remediation and mitigation assistance



Post-Incident Activities

- Very important for the state and/or localities involved debrief on lessons learned and strategies for the future.



Vulnerability Testing

https://www.cisa.gov/sites/default/files/2023-09/23-05187d%20-%20Water%20Vulnerability%20Scanning%20Fact%20SheetV2_508c.pdf

Weekly reports generated

Ongoing and nonintrusive

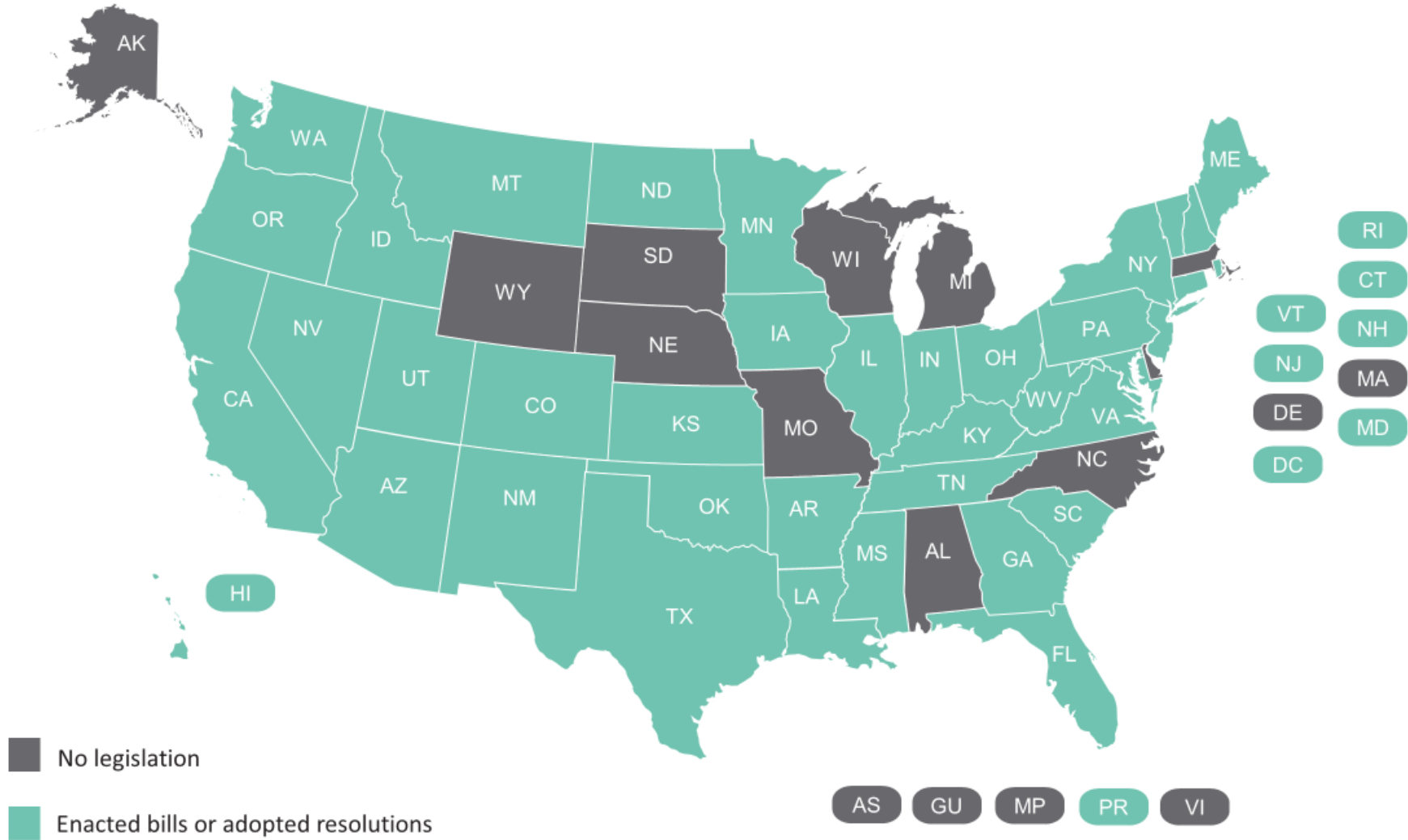
Need prior written consent to share any information

vulnerability@cisa.dhs.gov with the subject line “Requesting Vulnerability Scanning Services.”

☑ Scanning commences within 10 days of completed forms

STATE CYBERSECURITY LEGISLATION

2023 Legislative Session



NCSL Task Force on Artificial Intelligence, Cybersecurity and Privacy

Artificial Intelligence, cybersecurity and privacy are interconnected in a complex way and these issues are at the forefront of homeland security state priorities and state-federal policies.



To engage members in policy discussions, educate members and extend networking opportunities to legislative leaders on these important technology issues through a series of well-defined programs, webinars on key definitions and critical artificial intelligence, cybersecurity, and privacy policy issues as well as supporting private-public networks.



Thank you for your kind attention today!

Susan Parnas Frederick
Senior Federal Affairs Counsel
susan.frederick@ncsl.org
202-624-3566 (desk)
202-413-0103 (mobile)



www.ncsl.org



@NCSLorg



Denver
7700 East First Place,
Denver CO 80230

Washington D.C.

444 North Capitol Street, N.W.
Suite 515,
Washington, D.C. 20001

2024 Legislative Summit



Aug. 5-7, 2024