



MAXIMIZING PORT CYBERSECURITY ON A BUDGET

*LEVERAGING FREE FEDERAL
RESOURCES WITHOUT THE STIGMA*

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SESSION OVERVIEW

1

HOW TO ACCESS &
IMPLEMENT FEDERAL
CYBERSECURITY TOOLS

2

OVERCOMING STIGMA
AROUND USING
GOVERNMENT SUPPORT

3

REDUCING COSTS WHILE
SUPPORTING
OPERATIONAL
COMPLIANCE

*GOAL: EMPOWER PORTS TO BUILD RESILIENT CYBERSECURITY PROGRAMS THROUGH TRUSTED,
NO-COST FEDERAL SUPPORT.*

OBJECTIVES

- Identify free cybersecurity resources available through CISA.
- Explain how these tools help enhance security without added costs.
- Address and dispel common misconceptions about using federal cybersecurity support.

ABOUT PORT PASCAGOULA

Ranked
#1 IN MS
TOP 25 IN U.S.
IN TOTAL GROSS
TONNAGE



MISSISSIPPI'S LARGEST PORT

PUBLIC & PRIVATE terminals combined



32 MILLION
CARGO TONS
ANNUALLY



45 BARGES
MONTHLY



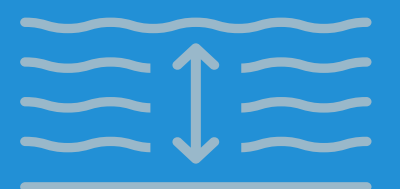
115+ SHIP
CALLS
MONTHLY

Context for Cybersecurity efforts at Port Pascagoula:

- Responsible for 20% of Mississippi's GDP.
- Rank nationally among the top 25 of 150 deepwater ports
 - As a critical maritime hub, the port has prioritized operational efficiency and security.
 - Protecting this infrastructure from cyber threats is essential for regional and national economic stability.



42 FT



channels

THE CYBERSECURITY THREAT TO PORTS



- Increased reliance on digital systems
- Complex logistics and international cargo
- Potential for severe disruption in case of a cyberattack

Port Pascagoula's proactive approach shows the importance of preparedness and resiliency.

WHY ITS IMPORTANT:

- Ports are high-value targets for cyberattacks because of critical infrastructure with complex, interconnected systems, sensitive data, and high disruption potential. Unlike ordinary businesses, ports can't afford downtime—making them more likely to be targeted.

CYBERSECURITY PERFORMANCE GOALS (CPG)

THE CPG REPORT IS ALIGNED WITH THE NIST CYBERSECURITY FRAMEWORK FOCUSES ON:

- Best practices in cybersecurity
- Realistic goals to improve posture
- Tailored recommendations based on assessment

RESULT:

- Clear roadmap for securing port infrastructure
- Improved resilience with no financial burden

INDUSTRY IMPACT & REGULATORY COMPLIANCE

WHY CISA'S RRA AND CPG ARE CRITICAL:

- THEY SUPPORT COSTEFFECTIVE PROGRAM DEVELOPMENT
- HELP MEET NEW CYBERSECURITY REGULATIONS FOR THE MARINE TRANSPORTATION SYSTEM (MTS)
- PROVIDE DOCUMENTED ASSESSMENTS THAT AID COMPLIANCE

REAL-WORLD IMPACT TO PORT PASCAGOULA



- Successfully blocked a Vault Typhoon cyberattack
- Revealed remaining vulnerabilities to address

POST-ATTACK ACTIONS:

- Improved detection systems
- Adjusted protocols based on CISA recommendations
- Increased cyber training & awareness across departments

KNOW YOUR RISKS!



PHISHING



INSIDER
THREATS



RANSOMWARE



DDOS
ATTACKS

FINAL THOUGHTS

DON'T LET STIGMA KEEP YOU FROM POWERFUL TOOLS.

Government programs like those from CISA:

- Are built to support, not hinder
- Offer world -class expertise at no cost
- Enhance your ability to protect your port, employees, and community

Let the government help you achieve your goals.



STAY IN TOUCH!



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