The Office of Infrastructure Protection

National Protection and Programs Directorate
Department of Homeland Security

Protective Security Coordination Division

Protective Security Advisor Program and DHS Services

9/6/2018

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Protective Security Advisors

- PSAs are non-regulatory, field-deployed personnel who serve as critical infrastructure security and resilience advisors
- Link State, local, tribal, and territorial (SLTT) and private sector partners to DHS resources and services
  - Coordinate vulnerability assessments, training, and other DHS products and services
  - Share information in steady state, during special events and incidents
  - Assist facility owners and operators with obtaining security clearances
- During contingency events, PSAs support the response, recovery, and reconstitution efforts
  - Man state and local emergency operations centers
  - Serve as pre-designated Infrastructure Liaisons (IL) at Joint Field Offices

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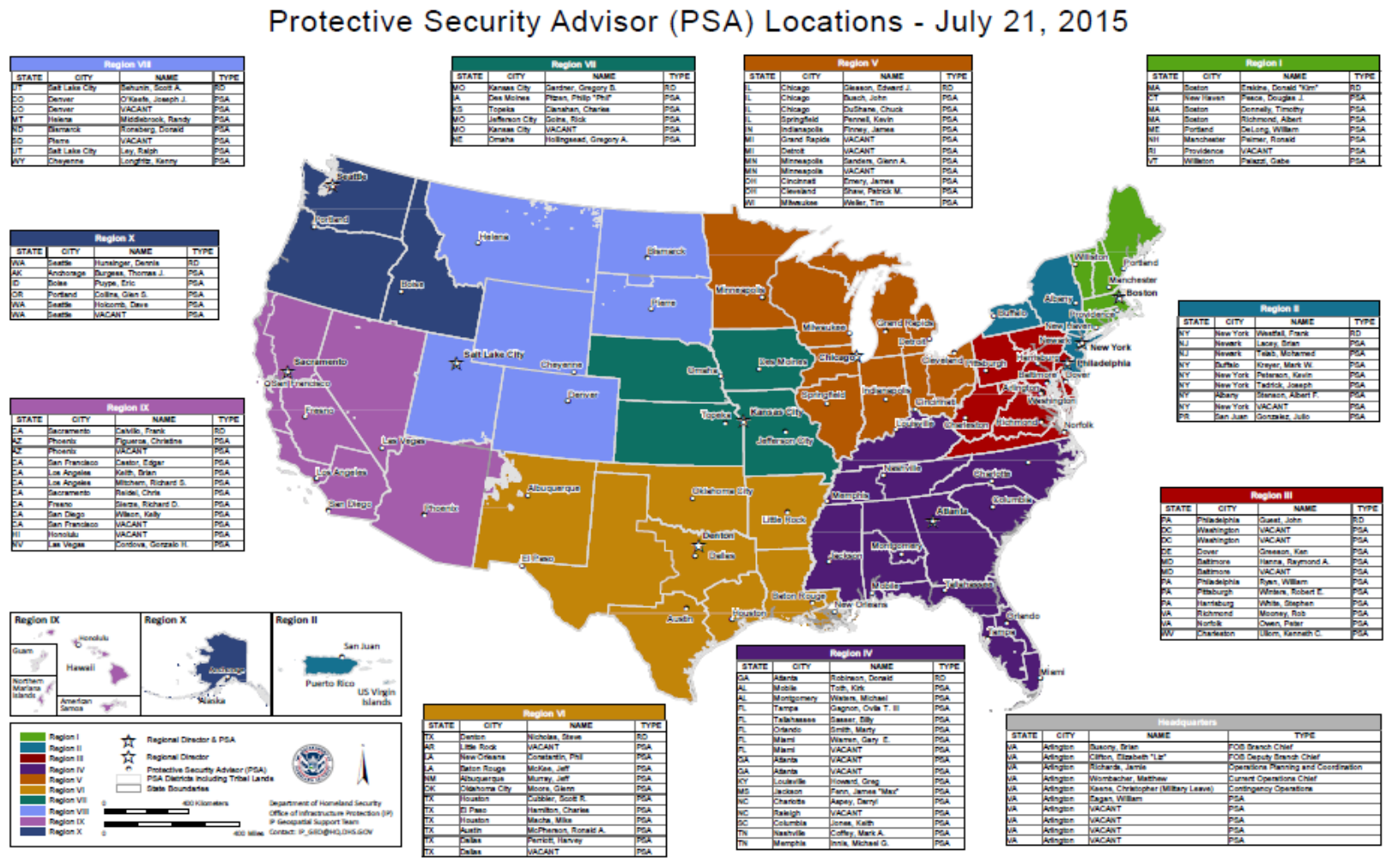
Protective Security Advisor Locations



Courtesy of DHS

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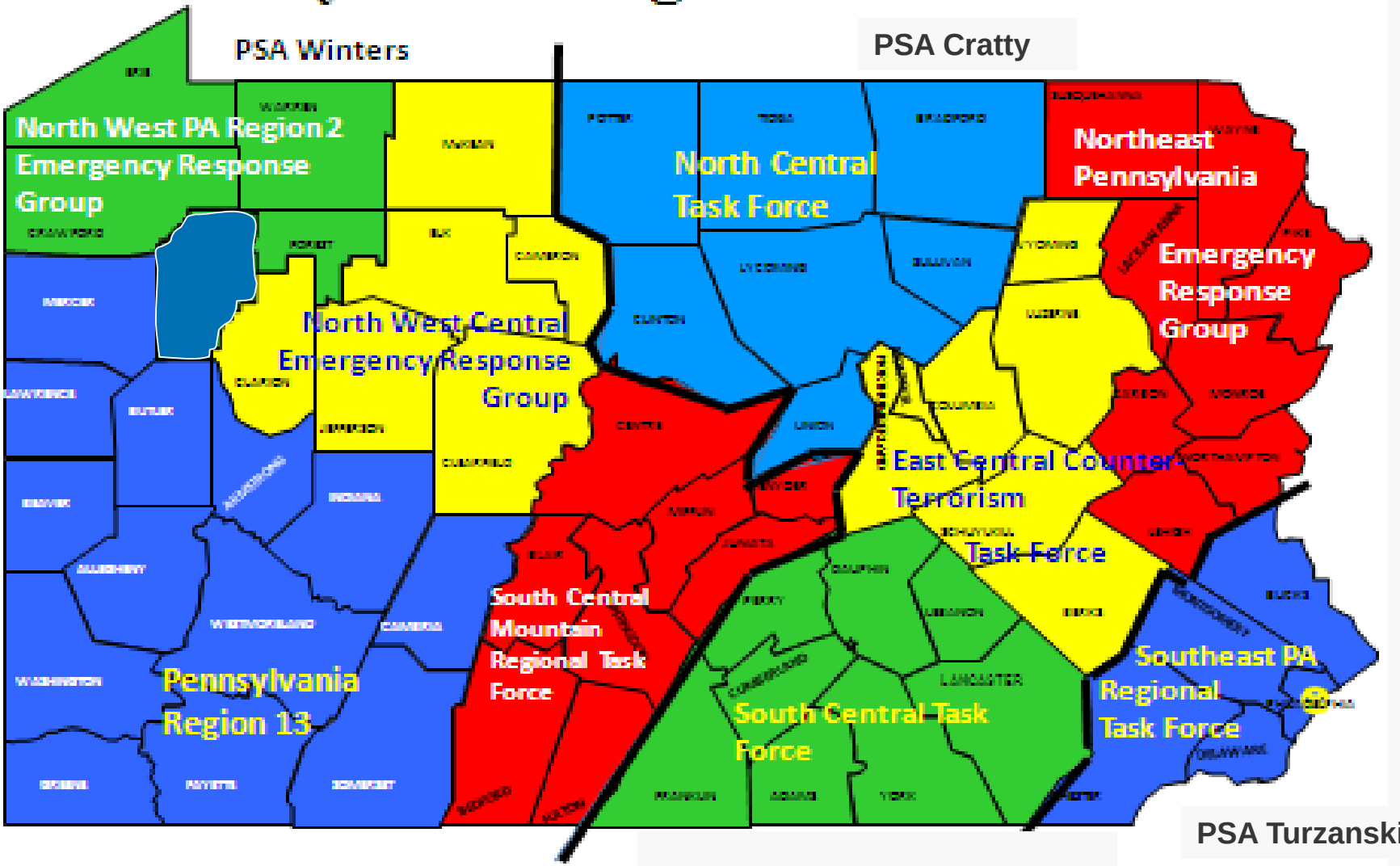
Pennsylvania Regional Task Forces



Protected Critical Infrastructure Information

- Established under the Critical Infrastructure Information Act of 2002
- Protects voluntarily submitted critical infrastructure information from:
  - Freedom of Information Act
  - State and local sunshine laws
  - Civil litigation proceedings
  - Regulatory usage
- Provides private sector with legal protections and "peace of mind."

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION
Requirements for Use

Nondisclosure

This document contains Protected Critical Infrastructure Information (PCII). In accordance with the provisions of the Critical Infrastructure Information Act of 2002, 6 U.S.C. §§ 131 et seq. (the "CII Act"), PCII is exempt from release under the Freedom of Information Act (5 U.S.C. 552) and similar State and local disclosure laws. Unauthorized release may result in criminal and administrative penalties. It is to be safeguarded and disseminated in accordance with the CII Act, the implementing Regulation at 6 C.F.R. Part 29 (the "Regulation") and PCII Program requirements.

By reviewing this cover sheet and accepting the attached PCII you are agreeing not to disclose it to other individuals without following the access requirements and to abide by the guidance contained herein. Your acceptance provides immediate access only to the attached PCII.

If you have not completed PCII user training, you are required to send a request to pcii-training@dhs.gov within 30 days of receipt of this information. You will receive an email containing the PCII user training. Follow the instructions included in the email.

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- Assigned to homeland security duties related to this critical infrastructure; and
- Demonstrate a valid need-to-know.

The recipient must comply with the requirements stated in the CII Act and the Regulation.

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You may use PCII to create a work product. The product must not reveal any information that:

- Is proprietary, business sensitive, or trade secret;
- Relates specifically to, or identifies the submitting person or entity (explicitly or implicitly); and
- Is otherwise not appropriately in the public domain.

Derivative Products

Mark any newly created document containing PCII with "Protected Critical Infrastructure Information" on the top and bottom of each page that contains PCII. Mark "(PCII)" beside each paragraph containing PCII. Place a copy of this page over all newly created documents containing PCII. The PCII Submission Identification Number(s) of the source document(s) must be included on the derivatively created document in the form of a footnote.

For more information about derivative products, see the PCII Work Products Guide or speak with your PCII Officer.

Submission Identification Number:

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION

Courtesy of DHS

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Enhanced Critical Infrastructure Protection Visit

- Establishes and enhances DHS's relationship with critical infrastructure owners and operators
- During an Enhanced Critical Infrastructure Protection (ECIP) visit, PSAs focus on coordination, outreach, training, and education
- ECIP visits include local, state, and federal response and support partners to enable everyone to gain a better understanding of the site and enable us all to move forward together
- Perfect one stop shop to meet the local players of importance

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Infrastructure Survey Tool

- The IST is a web-based vulnerability survey tool that applies weighted scores to identify infrastructure vulnerabilities and trends across sectors
- Collects data for a snapshot in time for sites for feedback
  - Physical Security, Security Force, Security Management, Information Sharing, Protective Measures, Dependencies
- The Dashboard tool allows facility owners and operators to:
  - Compare a facility's security in relation to similar facilities
  - Identify security gaps
  - Track progress toward improving critical infrastructure security

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Example Dashboard - Protection

Infrastructure Survey Dashboard | State Selection | Facility Selection | Facility Search | Site Dashboard | Reports | Demo | Admin | Usage Statistics | Resources | Help | Logout

- Overview
  - Facility Overview
  - SAA Overview
- Security Force
- Security Management
- Information Sharing
- Security Activity Background
- Physical Security
- Review

Overview of PMI

Facility Dashboard Demo Facility 9999 **Scenario** Pennell Scenario **Index** Protective Measures Index

INSTRUCTIONS: To view the details of any component on the chart below, click on the corresponding blue bars. To view the responses used to calculate the PMI, click on the side navigation menu options.

Show Chart Data

LEGEND: Existing Scenario Selected High Average Low Selected Marker

Compared to: 144 (Office Building - Stand Alone)
Assessment Finalized Date: April 12, 2012
Refresh Date: February 09, 2018
Tracking Number: PCII1234

WARNING: Data contained on this system is Protected Critical Infrastructure Information. Link to more info

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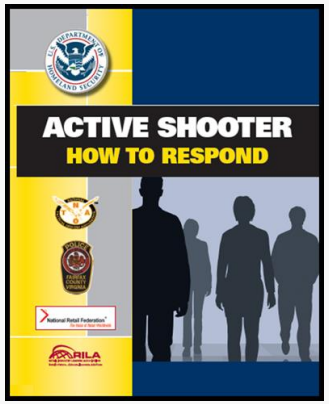
Active Shooter: Preparation and Response Presentations

- 1-hr. based on 2012 Joint DHS/FBI Bulletin and best practices
- Background Information on personalities that perpetrate these attacks
  - Propensity towards violence, mental illness, triggering point
  - To aid employees and disrupt possible events
- Planning
  - Individual mental maps
  - Organizational plans
- Response – Situationally based: Run, Hide or Fight
- Recovery – based on plans and profound nature of attack
- Also 3-hr TTX available



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Counter-IED Training & Awareness

Courtesy of DHS OBP

- Diverse curriculum of training designed to build counter-IED core capabilities, such as:
  - IED Counterterrorism Workshop
  - Surveillance Detection
  - Bomb Threat Management
  - Vehicle-Borne IED (VBIED) Search
  - Protective Measures
  - IED Search Procedures
- Increases knowledge and ability to detect, prevent, protect against, and respond to bombing threats

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Homeland Security Information Network (HSIN)

- HSIN (https://hsin.dhs.gov/) is DHS's primary technology tool for trusted information sharing
- HSIN – Critical Infrastructure (HSIN-CI) enables direct communication between:
  - DHS
  - Federal, State, and local governments
  - Critical infrastructure owners and operators
- Content includes:
  - Planning and Preparedness
  - Incident Reporting and Updates
  - Situational Awareness
  - Education and Training

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Infrastructure Protection Report Series

Courtesy of DHS

- Increase awareness of the infrastructure mission and build a baseline of security and resilience knowledge throughout the Nation
- Identify Common Vulnerabilities, Potential Indicators of Terrorist Activity, and associated Protective Measures, along with actions that can be undertaken to enhance resilience

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DHS/IP – Partners InfraGard

- An information-sharing and analysis effort serving the interests and combining the knowledge of a wide range of members
- Partnership between FBI and private sector
- Businesses, academic institutions, state and local law enforcement agencies, and other participants dedicated to sharing information and intelligence to prevent/mitigate acts against the United States
- http://www.infragard.net

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See Something Say Something

- Nationwide Suspicious Activity Reporting Initiative (NSI)
- States control most local programs with information and posters available
- Customized products can also be obtained
- DHS support in preparation of material, posters, etc
- Contact seesay@hq.dhs.gov

Private Sector Resources Catalog

- www.dhs.gov/private-sector-resources-catalog
- All DHS agencies have available material
- Training
  - FEMA, Active Shooter, Workplace Violence, Surveillance Detection
- Information
  - Homeland Security Information Network, TripWire, National Terrorism Alert System, National Suspicious Activity Reporting
- Services
  - Wireless Priority Service (WPS)/Government Emergency Telephone System (GETS), Geographic Information Systems
- Systems
  - Protected Critical Infrastructure Information, Chemical Facility Anti-Terrorism Standards, Business Continuity
- Cyber – Assessments, bulletins, and best practices

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DHS Cyber Security Programs

- Cyber Hygiene Evaluations
  - Assess Internet accessible systems for known vulnerabilities and configuration errors
- ICS Architecture Review
  - Intensive and exhaustive review of the security architecture for industrial control, process automation, and other cyber-physical systems
- Penetration Test/Risk and Vulnerability Assessment
  - Conducts red-team assessments and provides remediation recommendations

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DHS Cyber Security Programs

- Cyber Resilience Review (CRR)
  - Evaluate how CIKR providers manage cyber security of significant information services and assets
- Cyber Infrastructure Survey Tool (C-IST)
  - Identify and document critical cyber security information including system-level configurations and functions, cyber security threats, cyber security measures, IT business continuity/disaster recovery and cyber security organizational management
- Cyber Security Evaluation Tool (CSET)
  - Self-assessment using recognized standards
  - http:/us-cert.gov/control_systems/csetdownload.html

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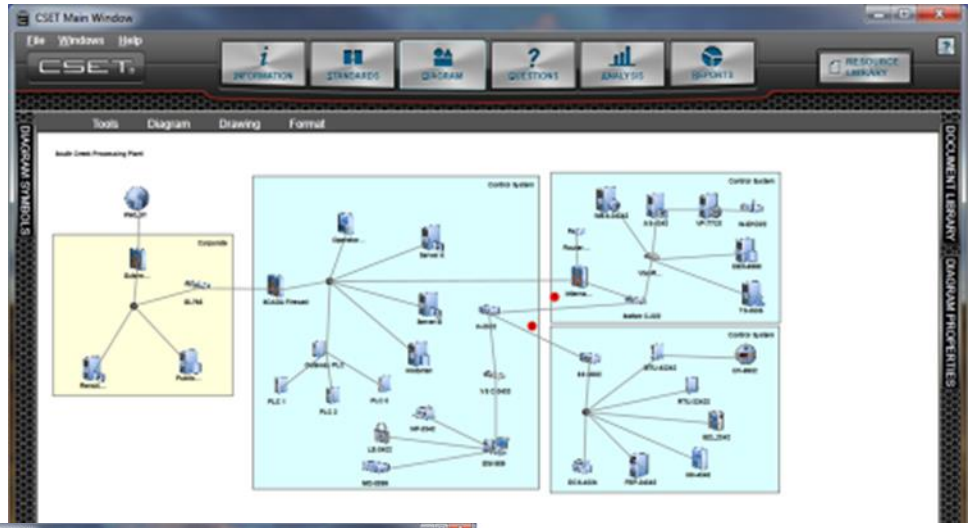
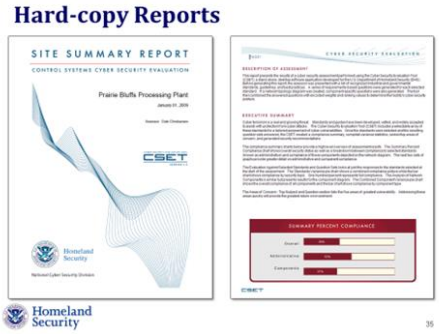
DHS Cyber Security Programs - CSET

- Network Mapping
- System comparisons to chosen standards
- Hard copy reports
- Resource library





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Cyber Security Contact Information

Evaluation Inquiries

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Department of Homeland Security
National Protection and Programs Directorate
Office of Cybersecurity and Communications

Homeland Security

For more information visit:
www.dhs.gov/critical-infrastructure

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