

PROTECTIVE SECURITY ADVISOR – ASSIST VISIT



Critical Infrastructure Protection

CYBERSECURITY &
INFRASTRUCTURE
SECURITY AGENCY



Cybersecurity and Infrastructure Security Agency (CISA)

VISION

Secure and resilient critical infrastructure for the American people.

MISSION

Lead the national effort to understand and manage cyber and physical risk to our critical infrastructure.

CYBERSECURITY &
INFRASTRUCTURE
SECURITY AGENCY

Who We Are

CISA works with public sector, private sector, and government partners to share information, build greater trust, and lead the national effort to protect and enhance the resilience of the Nation's physical and cyber infrastructure.



FEDERAL NETWORK
PROTECTION



PROACTIVE CYBER
PROTECTION



INFRASTRUCTURE
RESILIENCE &
FIELD OPERATIONS



EMERGENCY
COMMUNICATIONS



Critical Infrastructure Protection



CORE COMPETENCIES

Partnership Development

CISA fosters collaborative partnerships that enable partners in the government and private sector to make informed, voluntary decisions and investments.



Every day, CISA employees: Share information with critical infrastructure partners and stakeholder and serve as the national hub for cybersecurity and communications information data sharing in near-real-time.

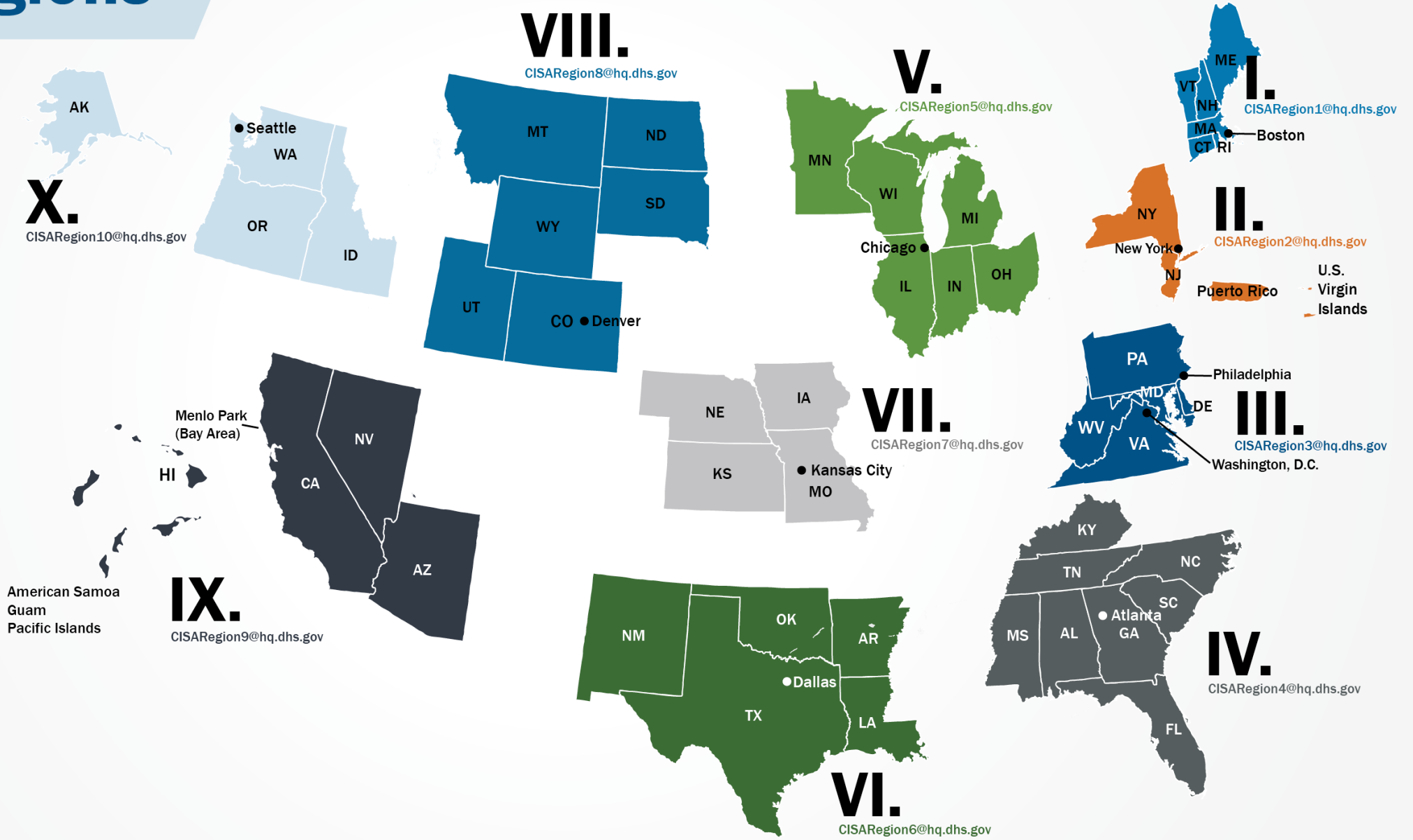


Sector outreach: CISA works with government officials and critical infrastructure stakeholders to plan, develop and facilitate exercises that build capacity, improve security and bolster resilience.



CISA Regions

- I** Boston, MA
- II** New York, NY
- III** Philadelphia, PA
- IV** Atlanta, GA
- V** Chicago, IL
- VI** Irving, TX
- VII** Kansas City, MO
- VIII** Lakewood, CO
- IX** Oakland, CA
- X** Seattle, WA
- CS** Pensacola, FL



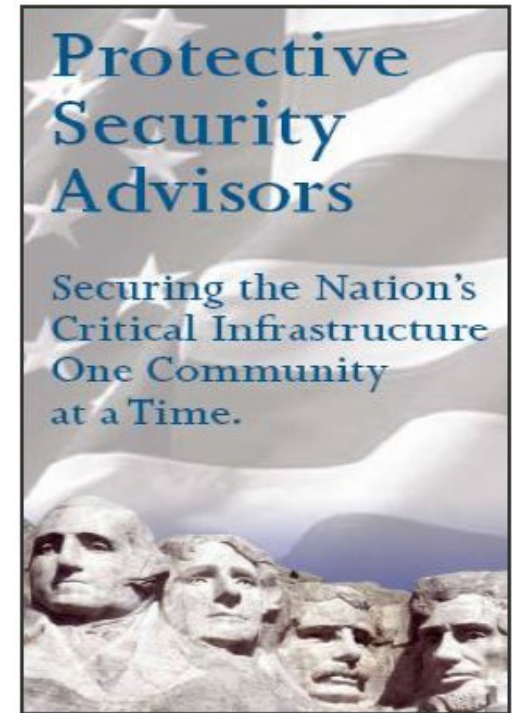
CISA Region 4

- CISA Region 4, headquartered in Atlanta, Ga., provides cybersecurity and infrastructure security services to six Tribal Nations and the following states:
 - Alabama, Florida, Georgia, Kentucky, Mississippi , North Carolina , South Carolina , Tennessee
- Through our efforts to understand and advise on cyber and physical risks to the nation’s critical infrastructure, we help partners strengthen their own capabilities. We connect our stakeholders in industry and government to each other and to resources, analyses, and tools to help them build their own cyber, communications, and physical security and resilience, in turn strengthening national resilience.



Protective Security Advisors (PSA)

- Protective Security Advisors (PSA) are field-deployed personnel who serve as critical infrastructure security specialists
- PSAs work with state, local, tribal, territorial (SLTT) and private sector as a link to CISA infrastructure protection resources such as:
 - Security advice
 - Information sharing
 - Incident response
 - Special events
 - Training, exercises and other CISA products and services
- Reach back to DHS / CISA



SAFE Tool



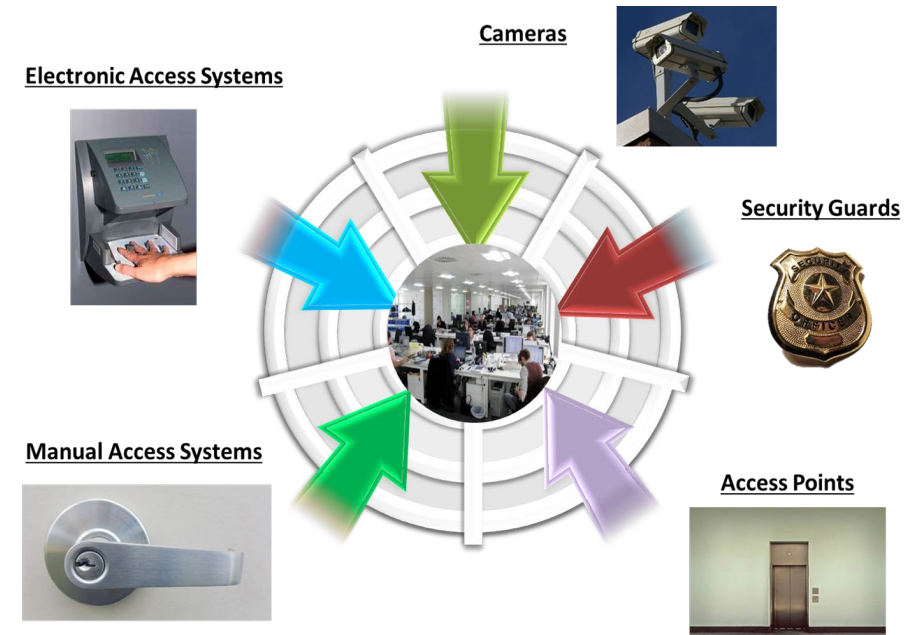
- The Security Assessment at First Entry (SAFE) tool is designed to assess the current security posture and identify options for facility owners and operators to mitigate relevant threats
- The SAFE tool is suited for all facilities, including smaller ones such as rural county fairgrounds, houses of worship with only weekend services and few members, and small health clinics



Common Physical Security Vulnerabilities

Based on activities by CISA Protective Security Advisors:

- Lack of designated security manager.
- No written security, emergency management or business continuity plans.
 - Lack of access control & perimeter security
 - Suspicious package procedures
 - Mass notification procedures
 - Active Shooter procedures
 - Training and exercising
- Lack of alarm and video surveillance systems
- Missed opportunities to collaborate with Law Enforcement and Fusion Centers
- Lack of employee background and recurring checks
- Etc..



Protected Critical Infrastructure Information

- The Protected Critical Infrastructure Information (PCII) Program protects critical infrastructure information voluntarily shared with the federal government for homeland security purposes
- PCII protects from release through:
 - Freedom of Information Act disclosure requests
 - State, local, tribal, territorial disclosure laws
 - Use in civil litigation
 - Use for regulatory purposes



PCII Protections

- To qualify for PCII protections, information must be related to the security of the critical infrastructure and a submitter must attest the information is:
 - Voluntarily submitted
 - Not customarily found in the public domain
 - Not submitted in lieu of compliance with any regulatory requirement

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION Requirements for Use	
Nondisclosure	
<p>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.</p> <p>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.</p> <p>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.</p>	
Access	<p>Individuals eligible to access the attached PCII must be Federal, State or local government employees or contractors and must meet the following requirements:</p> <ul style="list-style-type: none">• Assigned to homeland security duties related to this critical infrastructure; and• Demonstrate a valid need-to-know. <p>The recipient must comply with the requirements stated in the CII Act and the Regulation.</p>
Handling	<p>Storage: When not in your possession, store in a secure environment such as in a locked desk drawer or locked container. Do not leave this document unattended.</p> <p>Transmission: You may transmit PCII by the following means to an eligible individual who meets the access requirements listed above. In all cases, the recipient must accept the terms of the Non-Disclosure Agreement before being given access to PCII.</p> <p>Hand Delivery: Authorized individuals may hand carry material as long as access to the material is controlled while in transit.</p> <p>Email: Encryption should be used. However, when this is impractical or unavailable you may transmit PCII over regular email channels. If encryption is not available, send PCII as a password protected attachment and provide the password under separate cover. Do not send PCII to personal, non-employment related email accounts. Whenever the recipient forwards or disseminates PCII via email, place that information in an attachment.</p> <p>Mail: USPS First Class mail or commercial equivalent. Place in an opaque envelope or container, sufficiently sealed to prevent inadvertent opening and to show evidence of tampering, and then placed in a second envelope that has no marking on it to identify the contents as PCII. Envelope or container must bear the complete name and address of the sender and addressee. Envelope will have no outer markings that indicate the contents are PCII and must bear the following below the return address: "POSTMASTER: DO NOT FORWARD. RETURN TO SENDER." Adhere to the aforementioned requirements for interoffice mail.</p> <p>Fax: You are encouraged, but not required, to use a secure fax. When sending via non-secure fax, coordinate with the recipient to ensure that the faxed materials will not be left unattended or subjected to unauthorized disclosure on the receiving end.</p> <p>Telephone: You are encouraged to use a Secure Telephone Unit/Equipment. Use cellular phones only in exigent circumstances.</p> <p>Reproduction: Ensure that a copy of this sheet is the first page of all reproductions containing PCII. Clear copy machine malfunctions and ensure all paper paths are checked for PCII. Destroy all unusable pages immediately.</p> <p>Destruction: Destroy (i.e., shred or burn) this document when no longer needed. For laptops or CPUs, delete file and empty recycle bin.</p>
Sanitized Products	<p>You may use PCII to create a work product. The product must not reveal any information that:</p> <ul style="list-style-type: none">• 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	<p>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.</p> <p>For more information about derivative products, see the PCII Work Products Guide or speak with your PCII Officer.</p>
Submission Identification Number: _____	
PROTECTED CRITICAL INFRASTRUCTURE INFORMATION	



Securing Public Gatherings



Today's dynamic threat environment poses unique risks to infrastructure, particularly to those open to the public

Active Shooter Preparedness and Security Program

Directly and tangibly supports public and private sector stakeholders in enhancing risk mitigation capabilities against the active shooter threat, the most prominent attack vector in the U.S.

Insider Threat Mitigation

Develops and maintains public facing resources to support organizations in creating or improving an insider threat mitigation program to mitigate insider threats.

Vehicle Ramming Mitigation

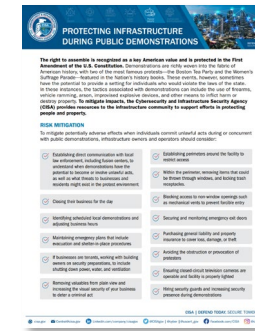
Provides expertise and guidance to assist SLTT and private sector partners mitigate vehicle ramming threats.

Countering Improvised Explosive Devices (IEDs)

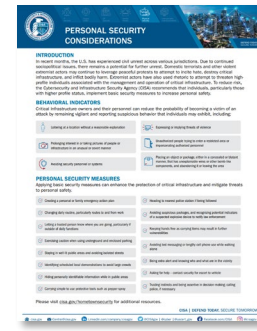
Educates on strategies to prevent, protect against, respond to, and mitigate bombing incidents.



Protecting Infrastructure During Public Demonstrations



Personal Security Considerations



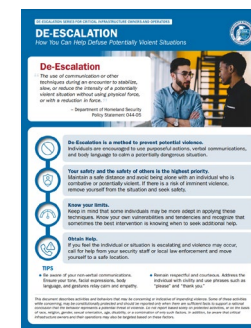
Employee Vigilance Through the Power of Hello



Unauthorized Drones over Stadiums



De-Escalation Series



Office for Bombing Prevention (OBP)

CISA OBP accomplishes its mission through a portfolio of complementary counter-IED (C-IED) services.

The CISA OBP leads the Department of Homeland Security's (DHS) efforts to implement National C-IED policy and enhance the Nation's ability to prevent, protect against, respond to, and mitigate the use of explosives against critical infrastructure; the private sector; and federal, state, local, tribal, and territorial entities.

Training & Awareness

- In-person Instructor-Led Training -In resident and Mobile Training Team
- Online Distance Learning - Virtual Instructor-Led trainings and web-based Independent Studies
- Learning Solutions Curriculum and Awareness Product Design and Development
- Train-the-Trainer Program

Policy Coordination

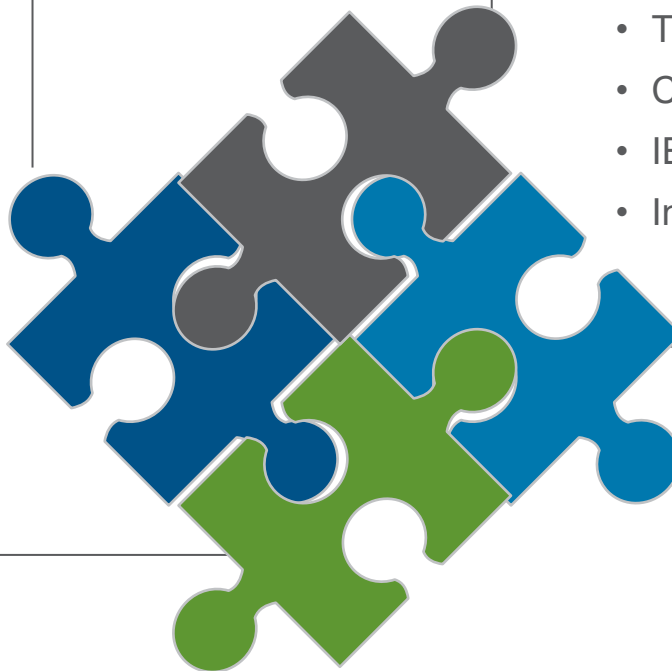
- Policy Design and Coordination
- Communications and Outreach
- C-IED Guidance and Product Design

Information Sharing

- TRIPwire
- C-IED and IED Information Sharing
- IED Incident and Threat Reporting
- Intra-agency Intelligence Coordination

Technical Assistance & Services

- C-IED Capability Assessments
- CI / Special Event Planning
- Explosive Blast Modeling
- C-IED Technology Development and Evaluation
- C-IED Grant Requirements Support



Counter-IED and Risk Mitigation Training

Develops and delivers a **diverse curriculum** of training and awareness products to build nationwide C-IED capabilities across the preparedness spectrum

Accredited training provider through the International Association for Continuing Education and Training (IACET) Meets American National Standards Institute (ANSI) requirements for excellence in instructional practices

Nationally Certified Program courses through IADLEST supporting law enforcement training academies and police and correctional officers

All training is provided **free-of-charge**



C-IED Training Courses

OBP offers training to build C-IED capabilities through a variety of modalities to meet different stakeholders' needs.

In-Person



- Bombing Prevention Awareness
- Bomb Threat Management Planning
- IED Search Procedures
- Protective Measures
- Surveillance Detection
- Vehicle-Borne Improvised Explosive Device Detection
- BMAP Community Liaison



Virtual Instructor



- IED Construction and Classification
- IED Explosive Effects Mitigation
- Introduction to the Terrorist Attack Cycle
- Homemade Explosives (HME) and Precursor Awareness
- Protective Measures Awareness
- Response to Suspicious Behaviors and Items
- Surveillance Detection Principles



Self-paced ISTs



- IED Awareness and Safety Procedures
- Homemade Explosives and Precursor Chemicals Awareness for Public Safety
- Bomb Threat Preparedness and Response
- Bomb-Making Materials Awareness: Your Role
- Bomb-Making Materials Awareness: Employee Training



WHAT TO DO: Training Videos



- What to Do: Bomb Threat
- What to Do: Bomb Searches
- What to Do: Surviving a Bombing Attack
- What to Do: Suspicious or Unattended Item

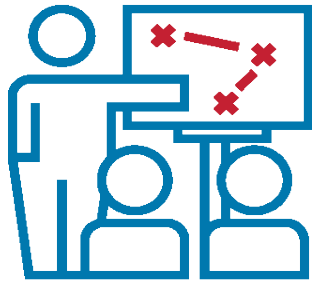


Access courses at: cisa.gov/bombing-prevention-training-courses



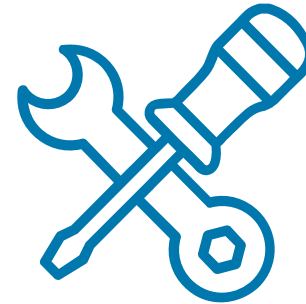
Exercises

CISA conducts exercises with government, private sector, and international partners to enhance the security and resilience of critical infrastructure. Services include end-to-end exercise planning and conduct, CISA Tabletop Exercise Packages with over 80 scenarios, and national exercises.



Exercise Planning and Conduct

- Virtual
- In-person
- Discussion-based
- Operations-based



CISA Tabletop Exercise Package

- Civil disturbance
- Vehicle ramming
- Small UAS
- IED
- K-12 Education Active Threat
- Insider Threat
- Active Shooter
- And more



Cybersecurity Resources

- Cybersecurity Advisor Program
- Cybersecurity Assessments



Cybersecurity Advisor Program

- Cybersecurity Advisors (CSA) offer assistance to help prepare and protect private sector entities and governments from cybersecurity threats
 - **Assess:** Evaluate critical infrastructure cyber risk
 - **Promote:** Encourage best practices and risk mitigation strategies
 - **Build:** Initiate, develop capacity, and support cyber communities-of-interest and working groups
 - **Educate:** Inform and raise awareness
 - **Listen:** Collect stakeholder requirements
 - **Coordinate:** Bring together incident support and lessons learned



Cybersecurity Services (Voluntary & No Cost)

Strategic

- **Cyber Resilience Review (Strategic)** -----
- **External Dependencies Management (Strategic)** -----
- **Cyber Infrastructure Survey (Strategic)** -----
- **Cybersecurity Evaluation Tool (Strategic/Technical)**-----

Tactical

- **Phishing Campaign Assessment (EVERYONE)**-----
- **Vulnerability Scanning / Hygiene (Technical)** -----
- **Web Application Scanning (Technical)** -----

STRATEGIC
(C-Suite Level)



TECHNICAL
(Network/System Admin Level)





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