



# CISA

**CYBERSECURITY &  
INFRASTRUCTURE  
SECURITY AGENCY**



# UNITED EFFORTS CISA AND CRITICAL INFRASTRUCTURE





# Stakeholder Engagement



CISA's Stakeholder Engagement Division builds and maintains national and international partnerships and engagements while serving as the hub for the shared stakeholder information that advances unified risk reduction efforts.

## HOW CISA IS CARRYING OUT ITS STAKEHOLDER ENGAGEMENT MISSION:

- ▶ Plan and Implement Collaboratively Stakeholder Engagements and Partnership Activities to Advance a Unified Mission Delivery
- ▶ Use Stakeholder Insights and Feedback to Inform CISA Product Development and Mission Delivery
- ▶ Ensure Stakeholders Have Easy Access to CISA Programs, Products, Services, and Information

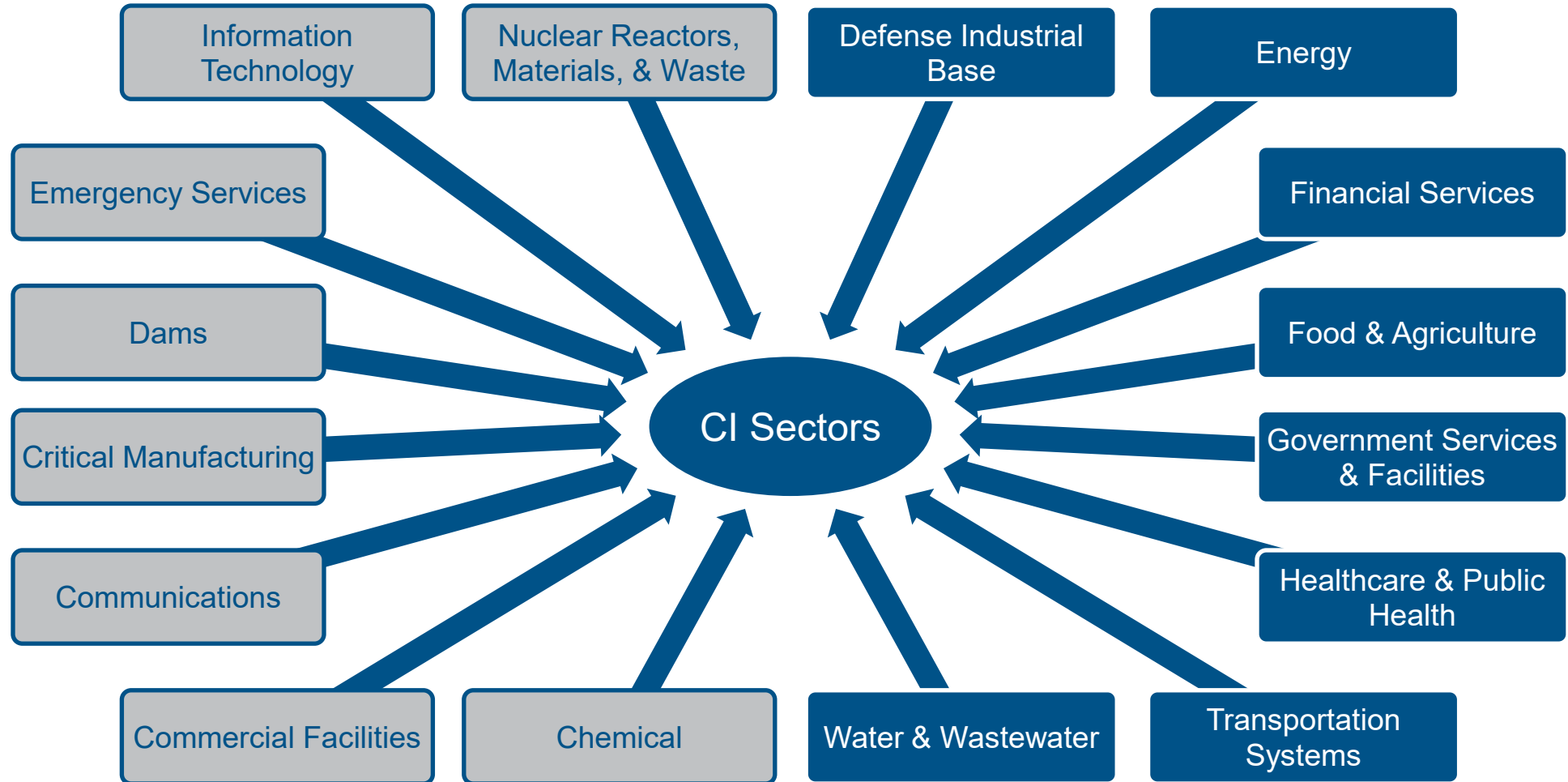
# Sector Risk Management Agencies

## The SRMAs:

- Coordinate and collaborate with DHS and other relevant Federal departments and agencies, with critical infrastructure owners and operators, where appropriate with independent regulatory agencies, and with SLTT entities, as appropriate, to implement PPD-21.
- Serve as a day-to-day Federal interface for the dynamic prioritization, collaboration, and coordination of sector-specific activities.
- Carry out incident management responsibilities consistent with statutory authority and other appropriate policies, directives, or regulations.
- Provide, support, or facilitate technical assistance and consultations for that sector to identify vulnerabilities and help mitigate incidents, as appropriate.
- Support the Secretary of Homeland Security's statutory reporting requirements by providing, on an annual basis, sector-specific critical infrastructure information.



# Critical Infrastructure



# CI Sectors – CISA Managed

## Chemical Sector

Several hundred thousand U.S. chemical facilities use, manufacture, store, transport, or deliver potentially dangerous chemicals on which other critical infrastructure sectors rely, along a complex, global supply chain. [ChemicalSector@mail.cisa.dhs.gov](mailto:ChemicalSector@mail.cisa.dhs.gov)

## Commercial Facilities Sector

Includes a wide range of sites that draw large crowds of people for shopping, business, entertainment, or lodging and operate on the principle of open public access, meaning that the general public can move freely without the deterrent of highly visible security barriers.

[CommercialFacilitiesSector@mail.cisa.dhs.gov](mailto:CommercialFacilitiesSector@mail.cisa.dhs.gov)



# CI Sectors – CISA Managed

## Communications Sector

Provides products and services that support the efficient operation of today's global information-based society. [CommunicationsSector@mail.cisa.dhs.gov](mailto:CommunicationsSector@mail.cisa.dhs.gov)

## Critical Manufacturing Sector

Comprises manufacturing that is crucial to the economic prosperity and continuity of the United States. Processes raw materials and primary metals, produces engines, turbines, and power transmission equipment; produces electrical equipment and components; and manufactures cars, trucks, commercial ships, aircraft, rail cars, and their supporting components.

[CriticalManufacturingSector@mail.cisa.dhs.gov](mailto:CriticalManufacturingSector@mail.cisa.dhs.gov)



# CI Sectors – CISA Managed

## Dams Sector

Delivers critical water retention and control services in the United States, including hydroelectric power generation, municipal and industrial water supplies, agricultural irrigation, sediment and flood control, river navigation for inland bulk shipping, industrial waste management, and recreation. [DamsSector@mail.cisa.dhs.gov](mailto:DamsSector@mail.cisa.dhs.gov)

## Information Technology Sector

Virtual and distributed functions produce and provide hardware, software, and information technology systems and services, and—in collaboration with the Communications Sector—the Internet. [ITSector@mail.cisa.dhs.gov](mailto:ITSector@mail.cisa.dhs.gov)





# CI Sectors – CISA Managed

## Nuclear Reactors, Materials, and Waste Sector

From the power reactors that provide electricity to millions of Americans, to the medical isotopes used to treat cancer patients, the Nuclear Reactors, Materials, and Waste Sector covers most aspects of America's civilian nuclear infrastructure. [NuclearSector@mail.cisa.dhs.gov](mailto:NuclearSector@mail.cisa.dhs.gov)

## Emergency Services Sector

The Emergency Services Sector (ESS) maintains public safety and security, performs lifesaving operations, protects property and the environment, and assists communities impacted by disasters and provides a wide range of prevention, protection, mitigation, response, and recovery activities. The ESS is geographically distributed across every jurisdiction in the Nation at the federal, state, local, tribal, and territorial levels of government, as well as private-sector resources. [EmergencyServicesSector@mail.cisa.dhs.gov](mailto:EmergencyServicesSector@mail.cisa.dhs.gov)



# Emergency Services Subsectors

**Emergency Management** is an essential government service whose purpose is to apply resources and efforts to mitigate, prevent when possible, protect where feasible, and to respond and recover from all threats and hazards that impact the safety and security of the nation.

**Emergency Medical Services**, commonly known as EMS, is a system that provides pre-hospital, emergency medical care for serious illness or injury and is a system of coordinated response and victim transport.



# Emergency Services Subsectors

**Fire and Rescue Services** respond to natural disasters, such as earthquakes, floods, tornadoes, and hurricanes, as well as to man-made catastrophes, such as hazmat spills, arson, and terrorism, and perform fire suppression, fire prevention, hazardous materials control, emergency rescue, building code enforcement, and public fire safety education.

**Law Enforcement** is responsible for enforcing laws, maintaining public order, and managing public safety. The primary duties of law enforcement include the investigation, apprehension, and detention of individuals suspected of criminal offenses.



# Emergency Services Subsectors

**Public Works** provides and sustains structures and services essential to the welfare and acceptable quality of life for the public, including providing water, power, waste disposal, and transportation.



# CI Sectors – Non-CISA Managed

The **Defense Industrial Base Sector** is the worldwide industrial complex that enables research and development, as well as design, production, delivery, and maintenance of military weapons systems, subsystems, and components or parts, to meet U.S. military requirements. [Department of Defense](#)

The **Energy Sector** protects a multifaceted web of electricity, oil, and natural gas resources and assets to maintain steady energy supplies and ensure the overall health and wellness of the nation. [Department of Energy](#)



# CI Sectors – Non-CISA Managed

The **Financial Services Sector** includes thousands of depository institutions, providers of investment products, insurance companies, other credit and financing organizations, and the providers of the critical financial utilities and services that support these functions. [Department of the Treasury](#)

The **Food and Agriculture Sector** is almost entirely privately owned and composed of an estimated 1.9 million farms, over 700,000 restaurants, and more than 220,000 registered facilities in food manufacturing, processing, and storage. [Department of Agriculture](#)



# CI Sectors – Non-CISA Managed

The **Government Services and Facilities Sector** includes a wide variety of buildings, located in the United States and overseas, that are owned or leased by federal, state, local, and tribal governments. [General Services Administration](#)

The **Healthcare and Public Health Sector** provides goods and services integral to maintaining local, national, and global health security. [Department of Health and Human Services](#)



# CI Sectors – Non-CISA Managed

The **Transportation Systems Sector** quickly, safely, and securely moves people and goods through the country and overseas. [Department of Homeland Security and Department of Transportation](#)

The **Water and Wastewater Sector** ensures a reliable supply of clean drinking water and effective wastewater treatment. [Environmental Protection Agency](#)





# CISA Mission

The Cybersecurity and Infrastructure Security Agency's (CISA) mission is to ensure the **security and resiliency** of our critical infrastructure.

Serve as the **national coordinator for critical infrastructure security and resilience**, leading efforts to understand, manage and reduce cyber and physical risk:

- Maintain public-private **partnerships** dedicated to sharing risk information;
- Work by, with, and through **regional experts** responsible for on-site vulnerability assessments and partnering with owner/operators to mitigate risk;
- Participate in national and international level dialogues to learn more about threats and **share lessons learned**.

**CISA.GOV**





# CISA

## STRATEGIC PLAN 2023–2025

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### GOAL 1

#### **CYBER DEFENSE:**

Spearhead the National Effort to Ensure Defense and Resilience of Cyberspace

### GOAL 2

#### **RISK REDUCTION & RESILIENCE:**

Reduce Risks to, and Strengthen Resilience of, America's Critical Infrastructure

### GOAL 3

#### **OPERATIONAL COLLABORATION:**

Strengthen Whole-of-Nation Operational Collaboration and Information Sharing

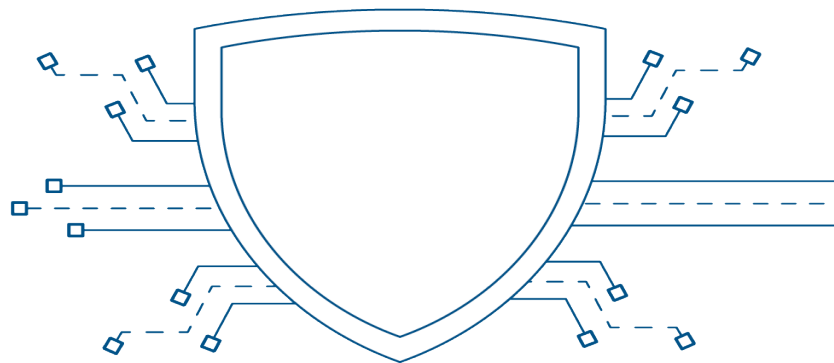
### GOAL 4

#### **AGENCY UNIFICATION:**

Unify as One CISA Through Integrated Functions, Capabilities, and Workforce



# Cybersecurity Mission



CISA's Cybersecurity Division leads the national effort to reduce the prevalence and impact of cyber incidents by providing services, guidance, and capabilities that address immediate risks and advance toward a secure cyber ecosystem.



## HOW CISA IS CARRYING OUT ITS CYBERSECURITY MISSION:

- ▶ Catalyze Persistent Collaboration Across Government and the Private Sector
- ▶ Expand Operational Visibility into Threats and Vulnerabilities
- ▶ Drive Prioritization and Measure Adoption of the Most Effective Security Measures
- ▶ Serve as the Operational Lead for Federal Civilian Cybersecurity
- ▶ Advance a Technology Product Ecosystem that is Secure by Design

Jana Spring & David Lee  
April 17, 2025



# Infrastructure Security Mission



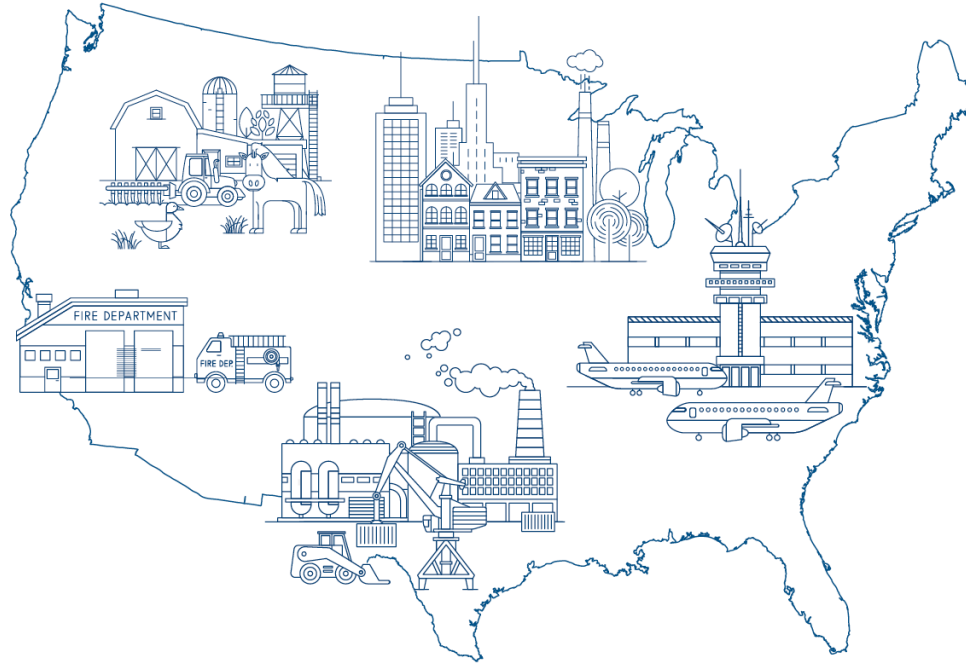
CISA's Infrastructure Security Division leads the coordinated effort to reduce risks posed to our critical infrastructure, whether from man-made or natural causes.

## HOW CISA IS CARRYING OUT ITS INFRASTRUCTURE SECURITY MISSION:

- ▶ Combat Terrorism and Targeted Violence
- ▶ Conduct Exercise and Training Programs
- ▶ Enhance School Safety with our School Safety Task Force
- ▶ Assess and Analyze Critical Infrastructure
- ▶ Identify and Prioritize Critical Infrastructure
- ▶ Strengthen Chemical Security with ChemLock



# Integrated Operations

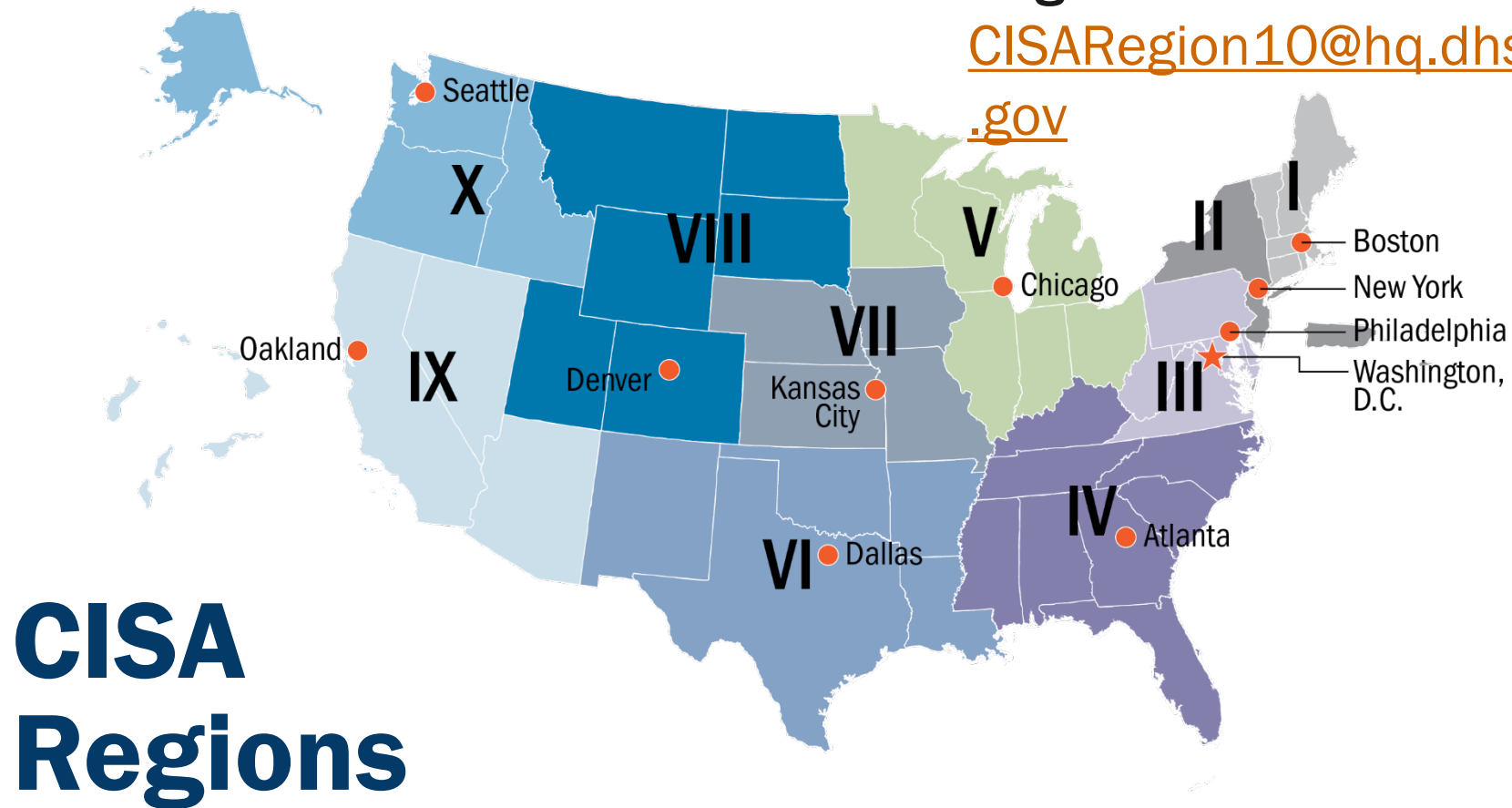


## HOW CISA IS CARRYING OUT ITS INTEGRATED OPERATIONS MISSION:

- ▶ Provide Operational Visibility to Understand, Manage, and Reduce Risk to the Nation
- ▶ Offer a Unified Regional Approach to Sharing Information and Delivering CISA Services

CISA's Integrated Operations Division enhances the resilience of our nation's critical infrastructure by taking an integrated approach to delivering services and sharing information. By meeting our stakeholders where they are, we help critical infrastructure owners and operators mitigate risk.

Region 10:  
[CISARegion10@hq.dhs.gov](mailto:CISARegion10@hq.dhs.gov)



Information  
Exchange



Incident  
Response



Risk &  
Cybersecurity  
Assessments



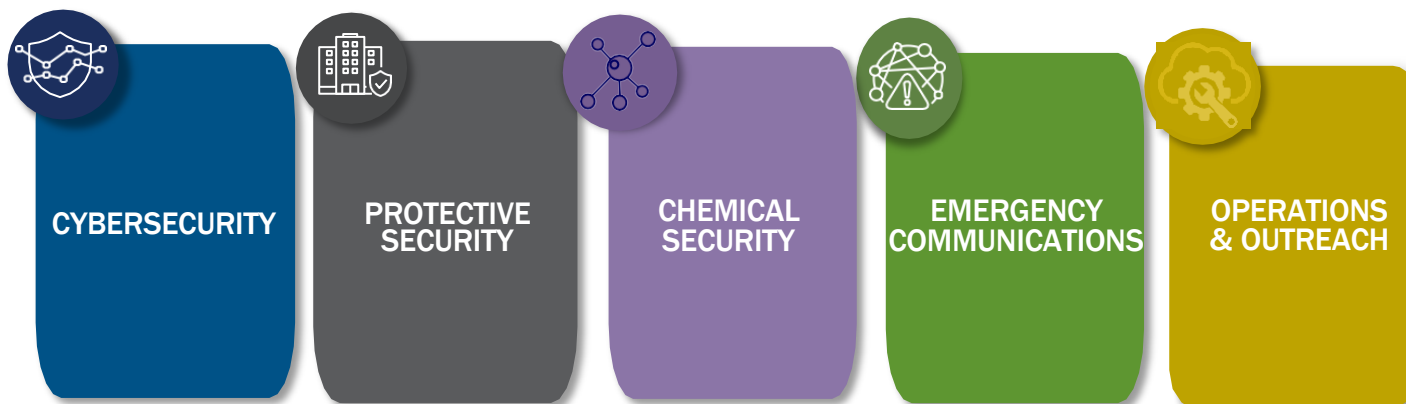
Exercises  
& Training



# CISA Region 10 Overview

TLP:WHITE

- Expertise and a history of success providing services to Unclassified Information and Operational Technology (IT and OT) environments
- Proactive services to government and critical infrastructure clients to assess and improve cybersecurity posture, understand risk, and identify operational strengths and weaknesses



*Services are provided at “no cost” to our customers*

*Our “payment” is authorization to use anonymized, non attributable, data to enhance national situation awareness and enable our stakeholders to make data driven decisions*



Jana Spring & David Lee  
April 17, 2025

# RESOURCES FOR CRITICAL INFRASTRUCTURE RESILIENCE





# Protective Security Measures



## Protection

- Utilize early warning and mass notification systems
- Utilize barrier systems to deny access to critical areas and create safe havens
- Do you have a non-ambulatory population that cannot evacuate?
- Multiple evacuation routes



## Mitigation

- Weapons Policy
- Signage / Cameras in public lobbies
- Additional Cameras
- Alternate Entrances
- CSSE Law Enforcement QRG




### ALASKA 2024 LAW ENFORCEMENT QUICK REFERENCE GUIDE



This pocket reference guide contains key penal provisions found within Titles 11 and 15 of the Alaska Statutes and Title 6 of the Alaska Administrative Code.

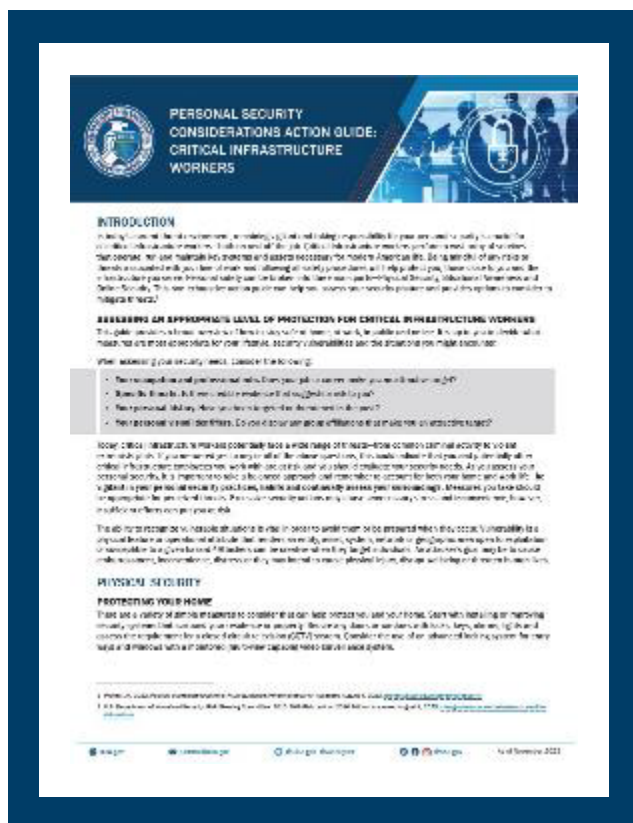
- Inducing or attempting to induce an election official to fail in their duty by force, threat, or intimidation is a felony.
- Using or threatening force, violence, or infliction of damage to compel a person to vote or refrain from voting is a felony.
- Electioneering in or within 200 feet of a polling place during voting hours is prohibited.

<b>VOTING HOURS</b>	7 a.m. to 8 p.m.
<b>2024 ELECTION DATES</b>	Primary and Special General Election: August 20 General Election: November 5 For other election dates: <a href="https://elections.alaska.gov/calendar">elections.alaska.gov/calendar</a>
<b>REPORT SUSPICIOUS BEHAVIOR TO</b>	Your local elections office: <a href="https://elections.alaska.gov/contact-information">elections.alaska.gov/contact-information</a> Alaska Elections Division: <a href="mailto:elections@alaska.gov">elections@alaska.gov</a> (907) 465-4611



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April 17, 2025

# Personal Security Considerations Action Guide: Critical Infrastructure Workers



- Enhance awareness of security postures for critical infrastructure workers at home, at work, in public, and online.
- Equip critical infrastructure workers with information, best practices, and tips to support their personal safety and security.



## Audience

- Critical infrastructure workers



## Overview

The **Personal Security Considerations Action Guide: Critical Infrastructure Workers** helps critical infrastructure workers assess their security posture and provide threat mitigation options.

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## PHYSICAL SECURITY

Assessing and taking proactive measures to enhance your person, home or work area.

## SITUATIONAL AWARENESS

Adequately assessing your surroundings, taking everything into account and adjusting your behavior to reduce the risk of injury to you, your family or your coworkers.

## ONLINE SECURITY

Involves the security landscape surrounding online spaces such as email and social media platforms.



# Physical Security



PROTECTING YOUR HOME



FIREARM ATTACKS



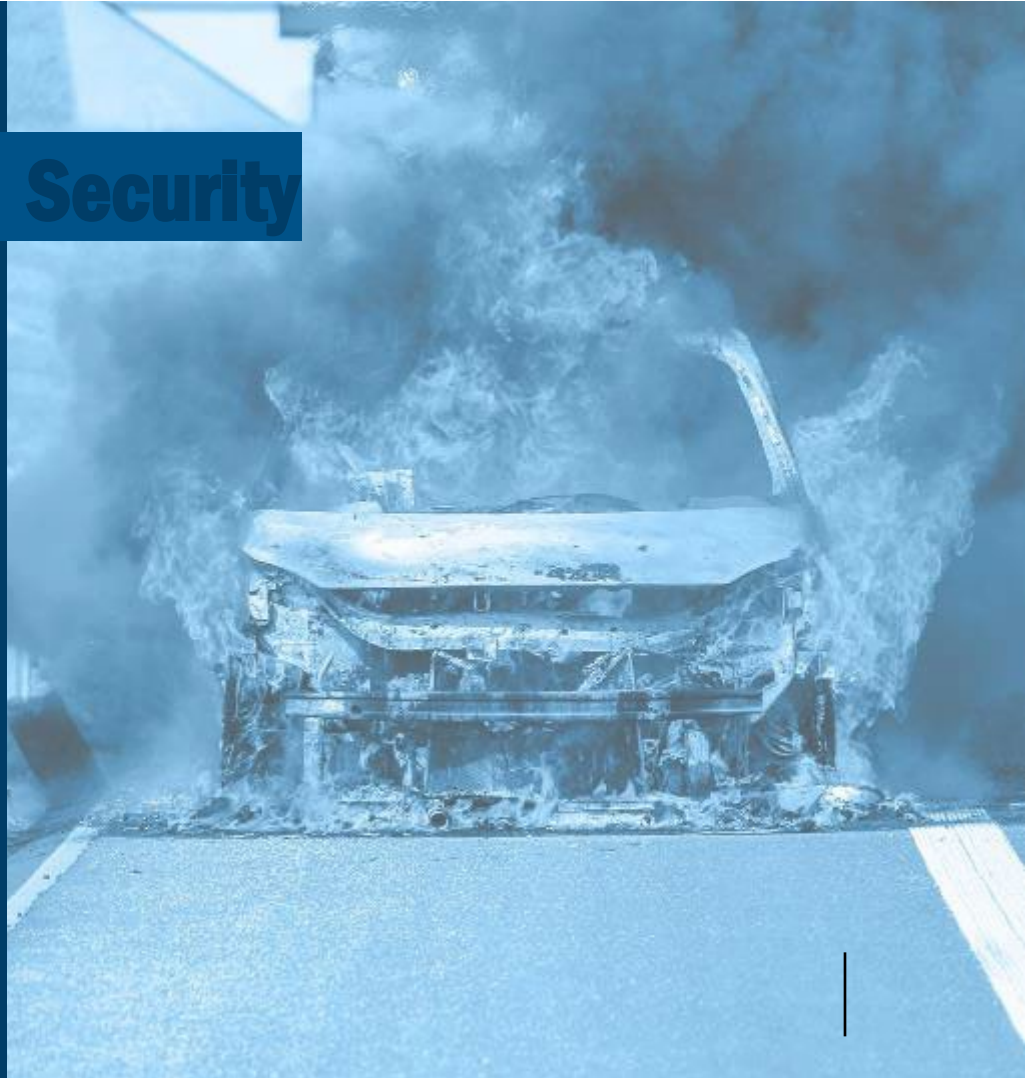
FIRE AS A WEAPON



IMPROVISED EXPLOSIVE DEVICES (IED)



PROTESTS AND DEMONSTRATIONS







VISITORS



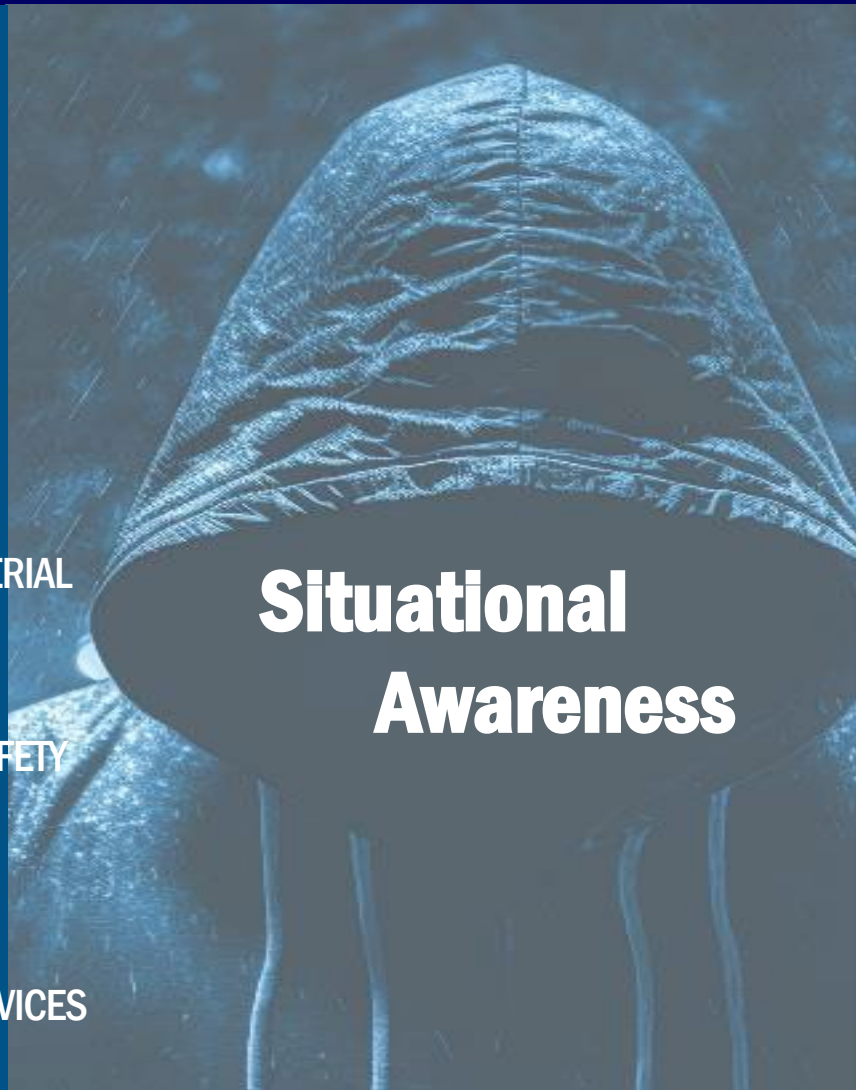
SENSITIVE MATERIAL



PEDESTRIAN SAFETY



PERSONAL  
PROTECTION DEVICES



## Situational Awareness



RECOGNIZING AND  
REPORTING  
SUSPICIOUS ACTIVITY



CONFRONTATIONS



MOTOR VEHICLES  
AND TRAVEL



ANONYMOUS PHONE  
CALLS AND THREATS



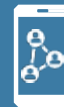
# Online Security



SECURE DOWNLOADS



USE OF ELECTRONIC DEVICES



SOCIAL MEDIA



DOXING



EMAIL SECURITY



# Additional CISA Resources



## Active Shooter Preparedness

Products, tools, and resources to help you prepare for, respond to, and recover from an active shooter incident

[cisa.gov/topics/physical-security/active-shooter-preparedness](https://cisa.gov/topics/physical-security/active-shooter-preparedness)



## CISA Protective Security Advisors

Security experts who provide on-site vulnerability assessments, can help with security plans and local resources

[cisa.gov/resources-tools/programs/protective-security-advisor-psa-program](https://cisa.gov/resources-tools/programs/protective-security-advisor-psa-program)



## Pathway to Violence

Includes products and resources that provide information regarding the behavior indicators assailants often demonstrate before a violent act

[cisa.gov/resources-tools/resources/pathway-violence](https://cisa.gov/resources-tools/resources/pathway-violence)



## Enhancing Security of Public Gatherings

Provides a compendium of resources for securing public gatherings to help organizations mitigate potential risks in today's dynamic and rapidly evolving threat environment

[cisa.gov/topics/physical-security/securing-public-gatherings](https://cisa.gov/topics/physical-security/securing-public-gatherings)





[www.CISA.gov/Emergency-Services-Sector](http://www.CISA.gov/Emergency-Services-Sector)

[EmergencyServicesSector@mail.cisa.dhs.gov](mailto:EmergencyServicesSector@mail.cisa.dhs.gov)



For more information:  
[cisa.gov](https://cisa.gov)

## Questions?

For more information:

[www.cisa.gov](https://www.cisa.gov)

[www.dhs.gov/cp3](https://www.dhs.gov/cp3)

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