IT Security
Supply Chain
OT Security
Insider Threat
Physical Security
Interoperable Communications

# CYBERSECURITY AND INFRASTRUCTURE SECURITY AGENCY

DEFEND TODAY, SECURE TOMORROW

## WHO WE ARE

The Cybersecurity and Infrastructure Security Agency (CISA) is the Nation's risk advisor, working with partners to defend against today's threats and collaborating with industry to build more secure and resilient infrastructure for the future. CISA is at the heart of mobilizing a collective defense to understand and manage risk to our critical infrastructure. Our partners in this mission span the public and private sectors. The programs and services we provide are driven by our comprehensive understanding of the risk environment and the corresponding needs identified by our stakeholders. We seek to help organizations better manage risk and increase resilience using all available resources, whether provided by the Federal Government, commercial vendors, or their own capabilities.

## OUR WORK

**PARTNERSHIP DEVELOPMENT**
CISA fosters innovative and collaborative partnerships that enable stakeholders in the government and the private sector to make informed and voluntary risk management decisions and investments.

**INFORMATION AND DATA SHARING**
CISA shares information with critical infrastructure partners and serves as the national hub for cybersecurity and communications information, physical threats like bombings and active shooter situations, and data sharing in near-real time.

**CAPACITY BUILDING**
CISA provides capacity building, technical assistance, tools, exercises, training programs, and awareness efforts that improve understanding of common risks and possible mitigation strategies for the critical infrastructure community.

**INCIDENT MANAGEMENT & RESPONSE**
CISA serves as the lead for asset response activities with the private sector, state, local, tribal and territorial governments, and federal agencies, coordinating incident response to cyber incidents and National Security Special Events, and informing risk management strategies on the consequences of emerging and future risks.

**RISK ASSESSMENT AND ANALYSIS**
CISA uses analysis and modeling to identify and prioritize critical infrastructure to inform decision making during a crisis.

**NETWORK DEFENSE**
CISA uses processes, tools, and technologies to assess cyber and physical threats to people and property, and the potential consequences of those threats.

**EMERGENCY COMMUNICATIONS**
CISA enhances public safety interoperable communications at all levels of government.

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## OUR ROLE IN CYBERSECURITY

CISA leads a collaborative effort to assure the security, resilience, and reliability of the nation's cyber systems. We drive national efforts through collaboration with private sector, academia, and government partners to build a diverse cyber workforce, foster development and use of secure technologies, and promote best practices.

CISA detects and prevents cybersecurity risks where possible through information sharing, deployment of detective and preventative technologies, and incident response and "hunt" capabilities to minimize impacts of identified incidents. To raise the federal cybersecurity baseline, CISA provides critical infrastructure, SLTT governance and capability-building services, information and assistance to enable more comprehensive cybersecurity risk management of critical functions.

## OUR ROLE IN INFRASTRUCTURE SECURITY

CISA is responsible for helping safeguard the Nation's critical infrastructure and public gatherings by enhancing stakeholder capacity to mitigate risks. As the physical and cyber worlds converge, CISA leverages an integrated approach to security. CISA also coordinates the national effort to manage physical risks to critical infrastructure, emphasizing cost effective and easily implementable protective measures that mitigate a multitude of threats, including those associated with targeted violence and domestic violent extremists, and collaborates across government and private sector stakeholders that own or operate the majority of critical infrastructure in the Nation.

## OUR ROLE IN EMERGENCY COMMUNICATIONS

CISA supports and promotes communications used by emergency responders and government officials to keep America safe, secure, and resilient. CISA leads the Nation's operable and interoperable public safety and national security and emergency preparedness (NS/EP) communications efforts.

CISA provides training, coordination, tools, and guidance to help its federal, state, local, tribal, territorial. and industry partners develop their emergency communications capabilities. CISA's programs and services coordinate emergency communications planning, preparation, and evaluation, to ensure safer, better-prepared communities nationwide.

## OUR ROLE IN RISK MANAGEMENT

CISA conducts planning, analysis, and collaboration to identify and address the most significant risks to the Nation's critical infrastructure. Initiatives include: Election Security and Resilience; Information and Communication Technologies Supply Chain Risk Management; Fifth Generation (5G) of Mobile Networks; cybersecurity for Electromagnetic Pulse and Geomagnetic Disturbance, Positioning, Navigation, and Timing, and Pipeline Cybersecurity.

## OUR ROLE IN INTEGRATED OPERATIONS

CISA plans and executes wide regional activities to mitigate risk, enable a rapid and comprehensive response to critical infrastructure incidents, and deliver maximum value to partners. We operate the watch consolidation through CISA Central, allowing for integrated approach to cyber and physical threat monitoring as well as provide incident specific intelligence context and products to support mission functions.

CISA provides Regional Directors with direct oversight of the common functions that cross CISA disciplines and ensures a coordinated, unified regional service delivery approach. We work to maintain an appropriate regional footprint and standardized presence that enables our ten regions to adapt to evolving requirements.

## OUR ROLE IN STAKEHOLDER ENGAGEMENT

CISA fosters innovative and collaborative partnerships that enable stakeholders in government and the private sector to make informed and voluntary risk management decisions and investments.