



## Cyber Threat Intelligence Coordinating Group (CTICG)

### “Building a Communication Bridge Between Cyber and Physical Security”

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#### Recognizing the Relationship Between Physical and Cyber Security



Federal Bureau of Investigation  
Albany, Buffalo and  
New York Division



United States Secret Service



New York State  
Intelligence Center



New York State Police



New York State  
Division of Homeland Security  
and Emergency Services



New York State  
Office of Cyber Security



New Jersey  
Office of Homeland Security and  
Emergency Preparedness



Multi-State Information Sharing  
and Analysis Center

As technology and the Internet continue to evolve, a greater percentage of the primary operations of sensitive utility, transportation, communications, financial services and other critical infrastructures will continue to shift from manual to on-line controls. Accordingly, the threat posed by someone determined to do harm will grow. There are tremendous interdependencies between cyber and physical security, with each playing an important role in securing our nation’s critical infrastructure.

The need to foster trusted information sharing channels to eliminate traditional barriers is critical.

Since its establishment, the Multi-State Information Sharing and Analysis Center (MS-ISAC)—which serves as the central cyber security resource for our nation’s state, local, territorial and tribal governments—recognized the need for collaboration with physical security partners and actively pursued a collaborative relationship with physical security partners within the states—including homeland security directors and law enforcement—many of whom participate in the MS-ISAC.

#### **Building the Model for Information Sharing: CTICG**

In order to further collaboration and strengthen information sharing, the Cyber Threat Intelligence Coordinating Group (CTICG) was established as a means to facilitate valuable situational awareness and identification of interrelationships between physical and cyber security activities.

The group has been incredibly successful in breaking down the traditional barriers for true information sharing—taking threat intelligence and making it actionable.

#### **CTICG Participation**

The CTICG comprises law enforcement, government and private sector entities with a vested interest in cyber or physical security.

The CTICG currently includes representatives from the following entities:

Federal Bureau of Investigation

Federal Energy Regulatory Commission

National Security Agency

U.S. Air Force

U.S. Department of Homeland Security

    National Cyber Security Division

    Intelligence and Analysis

    ICE Homeland Security Investigations

U.S. Department of Justice

U.S. Secret Service

State of New York (Office of Cyber Security, Office of Counter Terrorism)

New York State Intelligence Center

NY State Police

NJ Office of Homeland Security and Preparedness

Local Police Departments

### **CTICG Activities**

The CTICG conducts monthly classified briefings for situational awareness and to identify opportunities for collaboration. CTICG members partner on myriad investigations, including sharing intelligence about IP addresses and other data to facilitate malware investigations, and assisting in identifying attack origins. The MS-ISAC's new forensic lab is used to assist in cyber cases among the CTICG members.

The group is also working on a cyber asset mapping project to help better identify where physical and cyber assets are co-located, assess the impacts of potential incidents and identify strategies for mitigating those risks.

The CTICG has issued white papers on a number of cyber security topics including wire transfer fraud, social media threats and zero-day exploits. These briefings are made available publicly.

Because of the successful information sharing approach of the CTICG, several of its members have detailed intel specialists to co-locate to the MS-ISAC headquarters including the FBI and US Secret Service.

**Contact the CTICG  
31 Tech Valley Drive  
East Greenbush, NY 12061  
518-266-3460**