# Kick-Starting NCCIC Information Sharing

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## FS-ISAC Background

- Formed in 1999
- A nonprofit private sector initiative
- Designed/developed/owned by financial services industry: Banks, Insurance Companies, Payment and Clearing Processors, Brokerage Firms

**Goal:** share timely, relevant and actionable information and analysis of physical and cyber security information pertaining to threats vulnerabilities and incidents

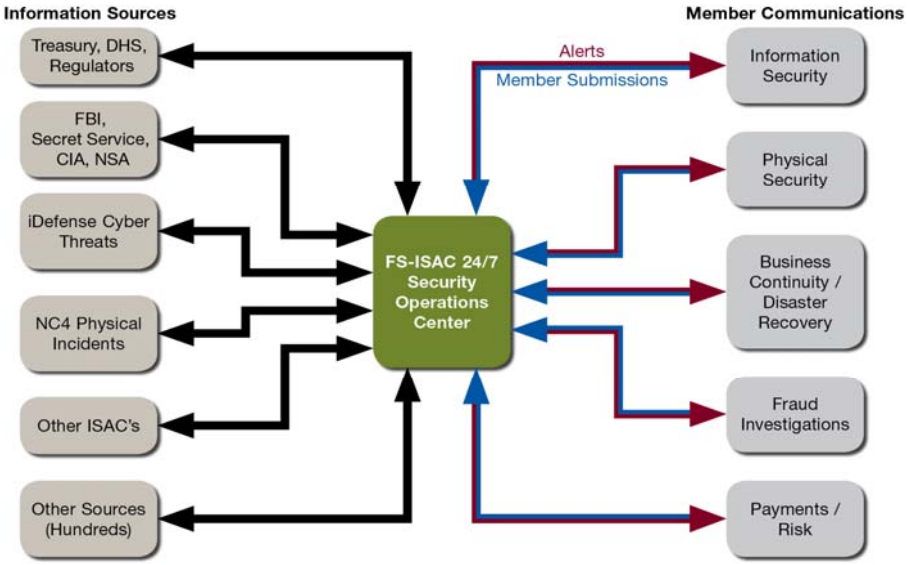
# Financial Services ISAC

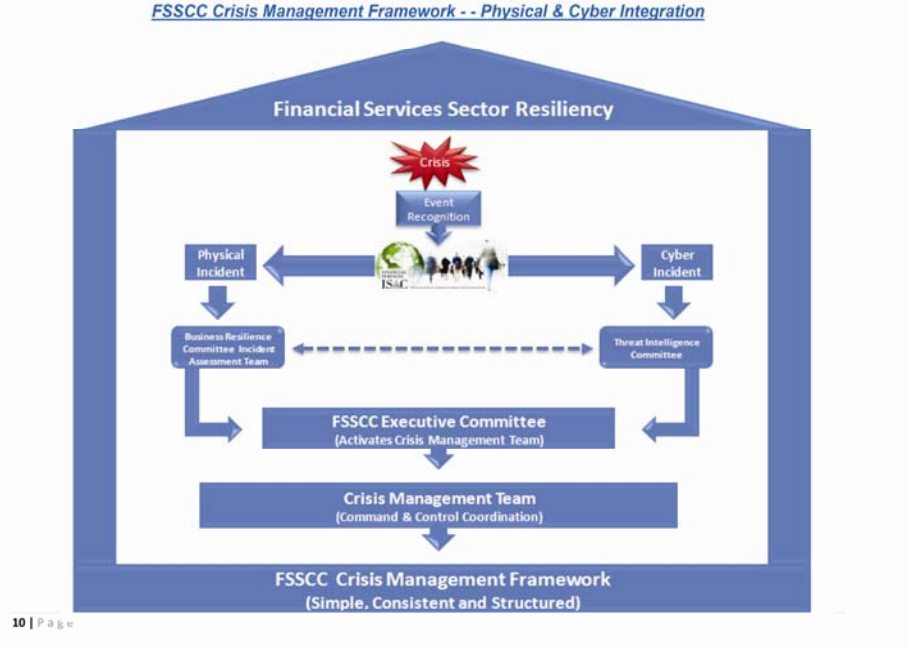
- Over 4,200 direct members and 30 member associations
- Ability to reach 99% of the banks and credit unions and 85% of the securities industry, and nearly 50% of the insurance industry
- www.fsisac.com

## FS-ISAC and FSSCC Roles in an Incident

- Steady State Operations
- Incident Response Plans
- How the organizations come together in an incident
- Playbook and the FS-CIRP

# FS-ISAC 24/7 Security Operations Center



# National Council of ISACs

- Began meeting in 2003 to address common concerns and cross-sector interdependencies
- Volunteer group of ISACs who meet monthly to develop trusted working relationships among sectors on issues of common interest and work on initiatives of value to CI/KR

# National Council of ISACs Mission

- The mission of the National Council of Information Sharing and Analysis Centers Council (ISACs) is to advance the physical and cyber security of the critical infrastructures of North America by establishing and maintaining a framework for valuable interaction between and among the ISACs and with governments.

# ISACs

- Communications ISAC
- Electricity ISAC
- Emergency Management & Response ISAC
- Financial Services ISAC
- Highway ISAC
- Information Technology ISAC
- Maritime ISAC
- Multi-State ISAC

# ISACs

- National Health ISAC
- Public Transit ISAC
- Real Estate ISAC
- Research and Education ISAC
- Supply Chain ISAC
- Surface Transportation ISAC
- Water ISAC

# Other Operational Entities

- Defense Industrial Base (DIB)
- Nuclear
- Oil & Gas
- Chemical
- Airline

# Joint Coordination Center-Pilot

- Private Sector Component
- Establish a common operating picture amongst sectors and analysis products to support efforts to detect, prevent, mitigate and respond to cyber security events through a 24x7 Joint Coordination Center
- Current Activity

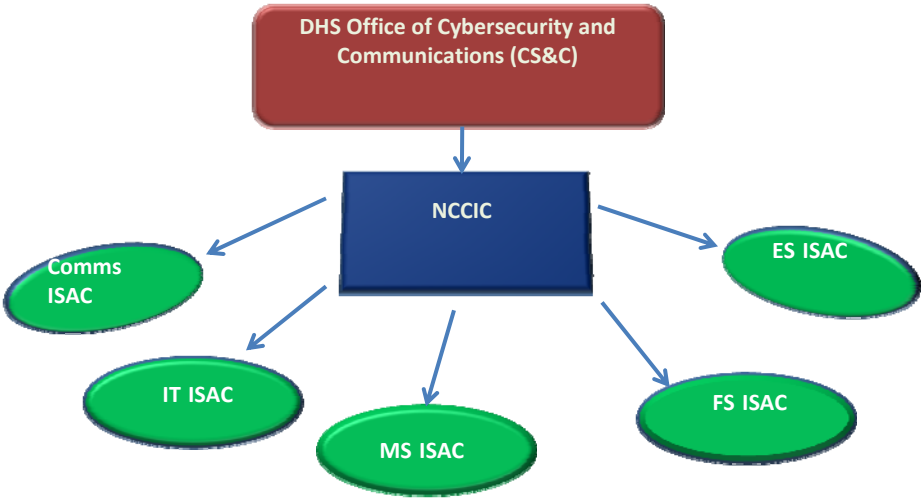
# National Cybersecurity and Communications Integration Center (NCCIC)

- Roles During Steady State
- Roles During an Incident

Cyber Unified Coordination Group (UCG)

- Roles During Steady State
- Roles During an Incident

# Who Is Currently At The 'Table'?



# The UCG

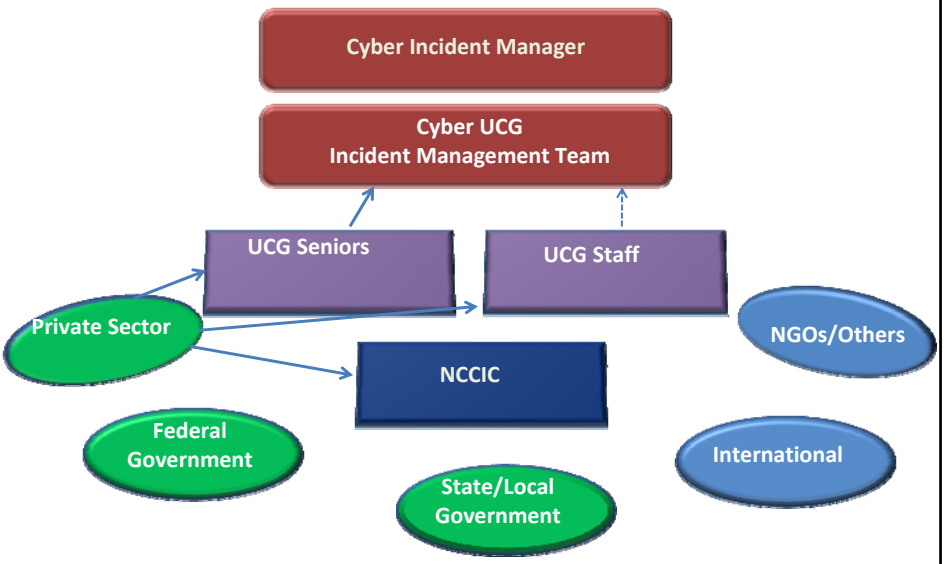
•Unified Command Group-composed of private and public sector representatives

•UCG-Staff and UCG Seniors

•UCG Staff meet on a regular basis. Both meet as needed during an incident

•Advise Assistant Secretary of CS&C on cybersecurity matters, provide subject matter expertise and response as necessary during an incident that requires national coordination.

# Cyber Incident Response



## Benefits

- Relationships
- Real-Time Discussion/Meetings on subjects of interest
- Education of sector capabilities and threats

## Case Studies

- RSA
- Collaboration-Anonymous paper
- Daily Briefings
  - FDIC
  - USPS

# RSA Breach

March 11, 2011-Breach detected not public

- Thursday March 17, 2011 story broke
  - Threat Intelligence Committee Call
- Friday March 18, 2011
  - Cyber UCG call
  - NCI call with DHS
  - Threat Intelligence Committee Call w/RSA
  - FS-ISAC Membership Call w/RSA
  - NCI call
- Mitigation Report Working Group Calls
- Mitigation Report

# What Does Future Hold?

- NCI Dashboard
- Analyst to Analyst meetings and education
- Collaboration
- More intelligence and trending
- Situational Awareness

CROSS-SECTOR DIRECTORATE
NCC
NORMAL
ES-ISAC
EMR-ISAC
NORMAL
FINANCIAL SERVICES ISAC
LEVEL 1
HEALTH ISAC
LEVEL 1
CLICK
FIRST OBSERVER
IT ISAC
LEVEL 1
MARITIME SECURITY COUNCIL
LEVEL 1
MULTI-STATE ISAC
NORMAL
NEI
NORMAL
APTA
NORMAL
Real Estate ISAC
REN-ISAC
NORMAL
SC ISAC
ST-ISAC
CHEMICAL SCC
OIL AND NATURAL GAS
PCIS