# Cyber Espionage: U.S. Perspective

# Why address this?





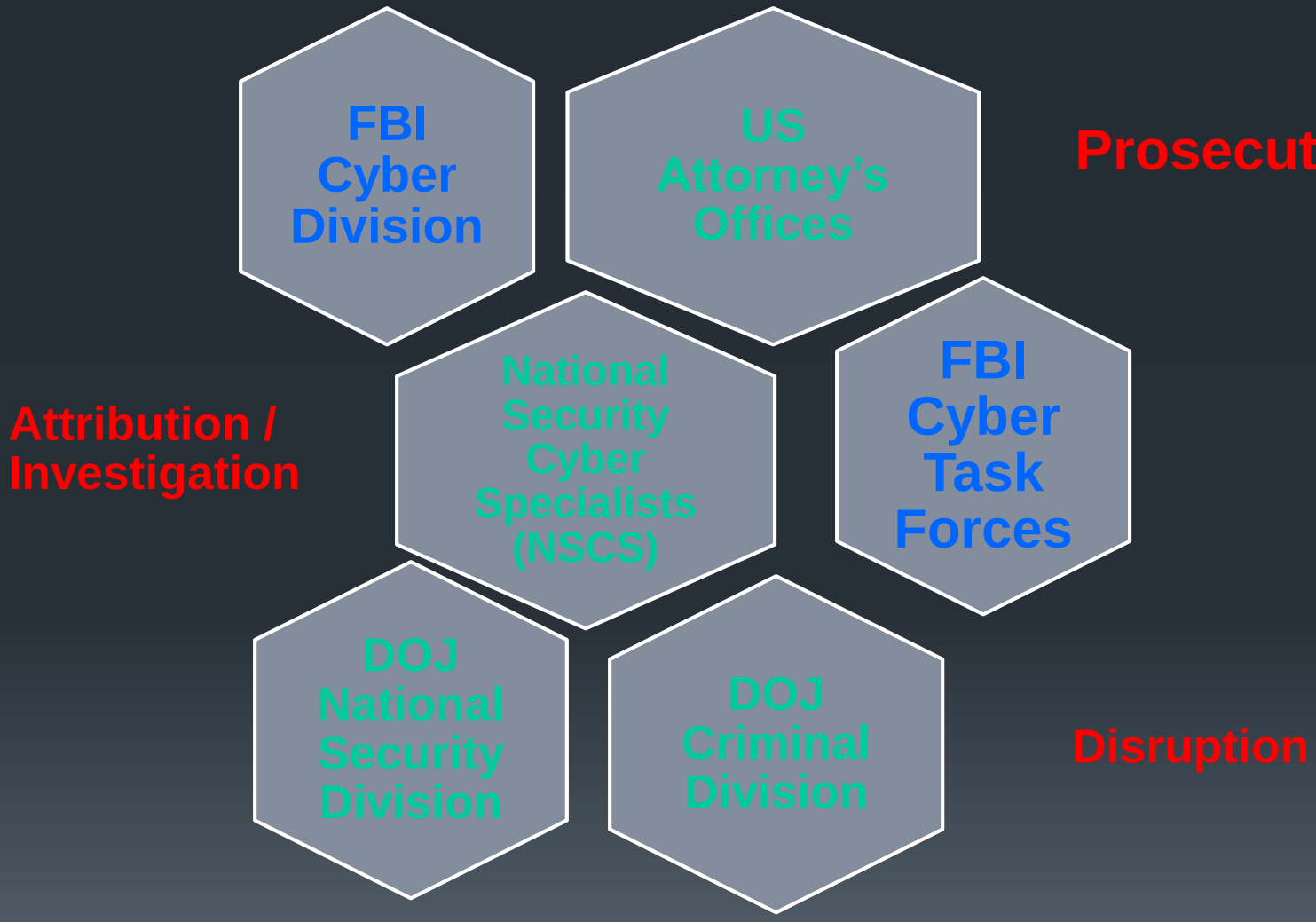
# Diverse threats

- Criminal syndicates
- Foreign intelligence services and their proxies

# Diverse motivations

- Traditional and economic espionage
  - Military or national security information
  - Personally Identifiable Information
  - Intellectual property (trade secrets)
  - Financial information
  - Business intelligence
- Embarrassment
- Retaliation
- Coercion

# Confronting the cyber threat



# Case Examples

- ***U.S. v. Wang et al.*** (WDPA May 1, 2014)

April 1, 2015

**Executive Order 13964** authorizes the Secretary of the Treasury, in consultation with the Secretary of State and the Attorney General, to impose sanctions on individuals or entities that engage in certain significant, malicious cyber-enabled activities.

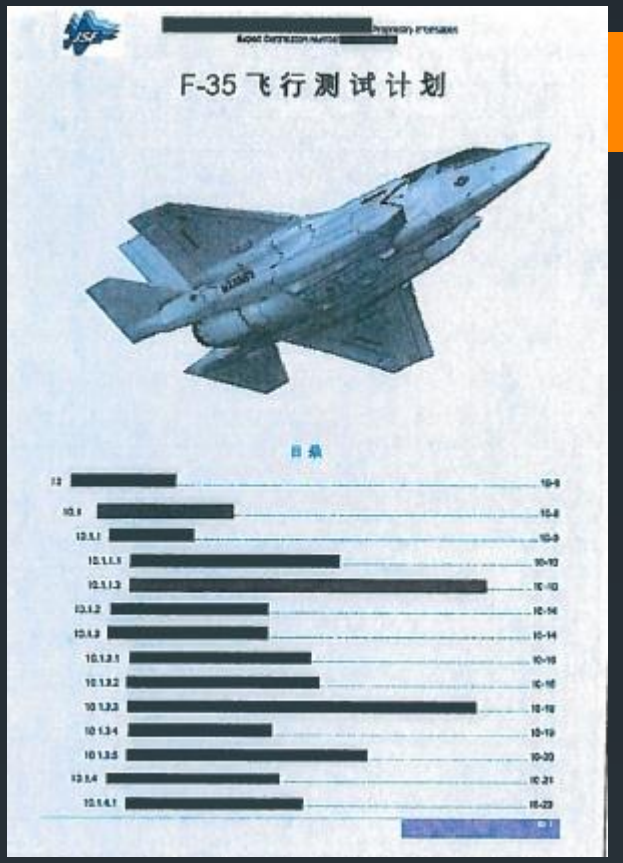
- Harming or significantly compromising the provision of services by entities in a critical infrastructure sector
- Significantly disrupting the availability of a computer or network of computers (for example, through a distributed denial-of-service attack)

**September 25, 2015**

The United States and China agree that neither country's government will conduct or knowingly support cyber-enabled theft of intellectual property, including trade secrets or other confidential business information, with the intent of providing competitive advantages to companies or commercial sectors

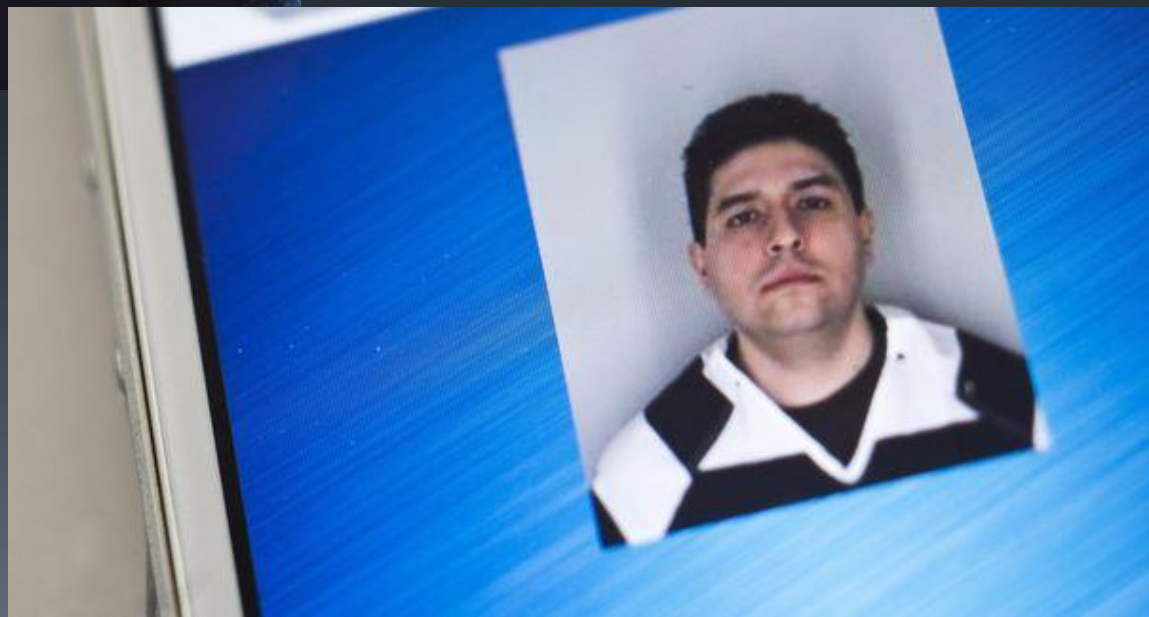
# Case Examples (cont'd)

- ***U.S. v. Su,*** (CDCA Aug. 14, 2014)


# Case Examples (cont'd)

- ***U.S. v. Golestaneh*** (DVT February 2015)

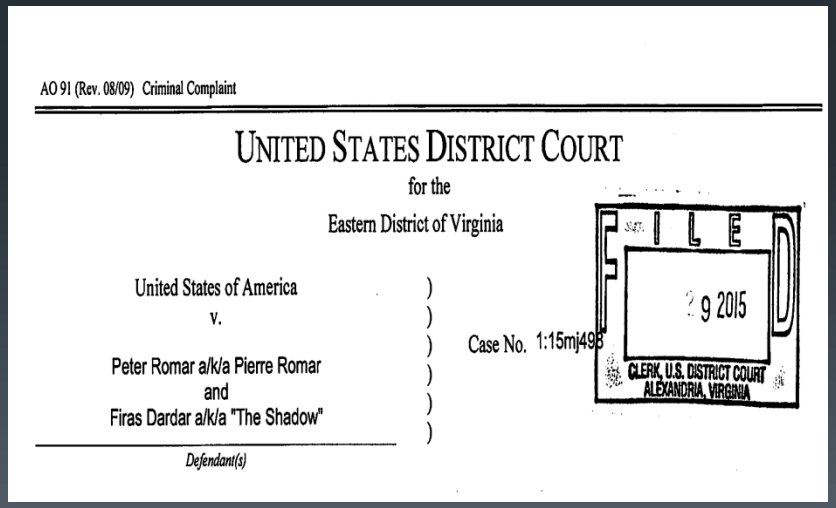


# Case Examples (cont'd)

- ***U.S. v. Agha et al.*** **and** ***U.S. v. Romar et al.*** (EDVA March 2016)

**US Charges 3 Syrians With Hacking, Hoax AP Tweet**

Law360, New York (March 22, 2016, 3:46 PM EDT) -- Virginia federal prosecutors on Tuesday charged three Syrian nationals with carrying out a series of computer hacking attacks in the U.S., including an alleged plot to send a fake Associated Press tweet about a purported White House bomb explosion that briefly tanked the stock market.



AO 91 (Rev. 08/09) Criminal Complaint

UNITED STATES DISTRICT COURT

for the

Eastern District of Virginia

United States of America
v.
Peter Romar a/k/a Pierre Romar
and
Firas Dardar a/k/a "The Shadow"

Defendant(s)

Case No. 1:15mj498

FILED
9 2015
CLERK, U.S. DISTRICT COURT
ALEXANDRIA, VIRGINIA

# Case Examples (cont'd)

- ***U.S. v. Fathi et al.*** (SDNY March 2016)

# Global threat – global effort

- International cooperation and training
- Prosecution
- Sanctions
- Diplomacy
- Technical operations