



# Policing the Internet: Common Cyber Scams

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# *Agenda*

- The FBI's role in fighting Cyber Crimes
- Common Cyber Crimes
- Responsibilities



# Introduction

Cyber Crime is not a new type of crime but rather a new platform used by criminals to launch their attacks on victims.

The government, academia, industry and society must each recognize their respective responsibilities in mitigating the threats posed by this new medium.



# The Post 911 FBI

- What changed?
- Why?
- Proactive vs Reactive



# *Top Three FBI Priorities*

1. Protect the United States from Terrorist Attack
2. Protect the United States against foreign intelligence operations and espionage
3. Protect the United States against cyber based attacks and high technology crimes



# Cyber Mission

**Mission:** Coordinate, supervise and facilitate the FBI's investigation of those federal violations in which the Internet, computer systems, or networks are exploited as ... targets of terrorist organizations, foreign government sponsored intelligence operations, or criminal activity;





# *FBI Presence*

- 56 Field Offices with Cyber Squads
- 60 FBI Legal Attaché Offices around the world
- Cyber Trained Agents embedded with foreign police forces



# Cyber Crimes

- Computer Intrusion
- Child Pornography
- Intellectual Property Rights
- Internet Fraud



# Challenges and Trends

- Emerging technologies
- Online anonymity
- Open Wi-Fi in homes
- Laws vs. technology
- Lack of cooperation  
(Business)
- Work place automation



# *Eight Common Cyber Scams*

1. Charity “Phishing”
2. Fake invoices
3. Social Network Messages and “Friend Requests”
4. Job Searches
5. Auction Sites
6. “Keylogging Password Stealing
7. E-mail banking
8. “Ransomware”



# *Government Responsibilities*

- Ensure Law Enforcement, Prosecuting Attorneys and Judges have the necessary tools and information
- Keep up with technology
- Participate in IT conferences
- Establish partnerships with the community
- Provide accessible crime reporting mechanisms



# *Individual Responsibilities*

- Use common sense
- Create secure passwords
- Avoid Phishing attempts
- Forward e-mails carefully
- Read e-mails carefully
- Avoid computer misuse
  - Pornography
  - Gambling
  - Downloading “free music, movies”
- Avoid social engineering attempts
- Conduct e-commerce cautiously
- Protect your identity
- Obtain contact information directly from businesses



# *Academia Responsibilities*

- Provide basic cyber security courses in all curriculums
- Establish IT security protocols and use them
- Sponsor Cyber Crime conferences
- Establish partnerships with law enforcement
- Report and share cyber crime information



# *Industry/Business Responsibility*

- Allocate time and resources to security with law enforcement in mind
- Establish IT security protocols and use them
- Establish partnerships with law enforcement
- **Report and share cyber crime information**



# Partnerships



InfraGard is a public-private partnership intended to promote ongoing dialogue and timely communication between members and the FBI. Members gain access to information that enables them to protect their assets and in turn give information to government that facilitates its responsibilities to prevent and address terrorism and other crimes.

The Cyber Initiative & Resource Fusion Unit establishes neutral space where Subject Matter Experts (SMEs) can collaborate with law enforcement on initiatives targeting escalating cyber crimes domestically and abroad.



The Internet Crime Complaint Center (IC3) is a partnership between the FBI and the National White Collar Crime Center (NW3C) to serve as a vehicle to receive, develop, and refer criminal complaints regarding the rapidly expanding arena of cyber crime.



# *Internet resources*

- [www.fbi.gov](http://www.fbi.gov)
- [www.cybercrime.gov](http://www.cybercrime.gov)
- [www.LooksTooGoodToBeTrue.com](http://www.LooksTooGoodToBeTrue.com)
- [www.IC3.gov](http://www.IC3.gov)
- [www.commerce.gov](http://www.commerce.gov)
- [www.stopfakes.gov](http://www.stopfakes.gov)

