



LEGALITIES OF HACKING

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ROOT@JOHN:WHOAMI

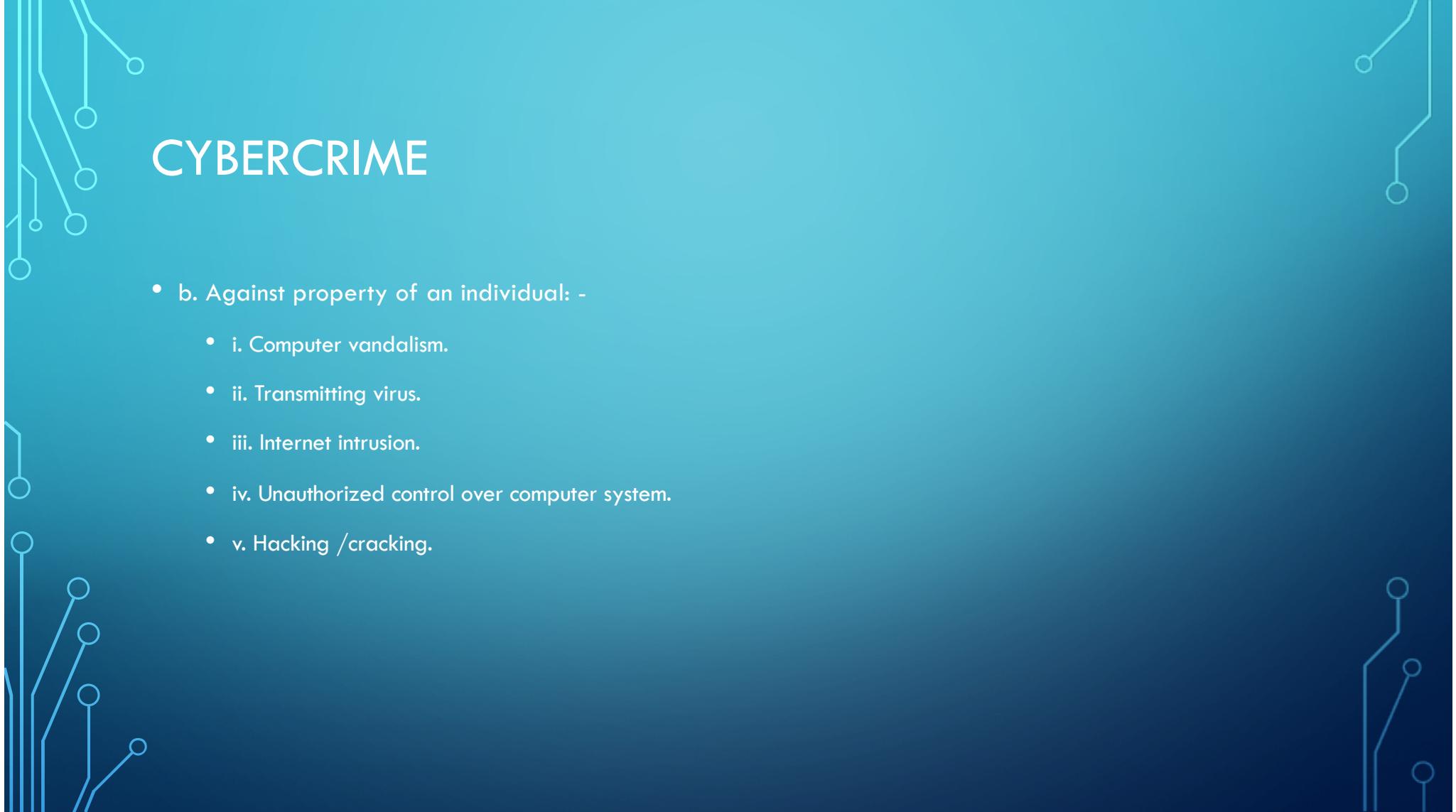
- Licensed HK and US lawyer
- OSCP (Offensive Security Certified Professional)/OSCE (Offensive Security Certified Expert)
- Train and consult for various governments and Fortune 100 Companies

"COMPUTER OR CYBER CRIMES ARE CONSIDERED AS ILLEGAL, UNETHICAL OR UNAUTHORIZED BEHAVIOR OF PEOPLE RELATING TO THE AUTOMATIC PROCESSING AND TRANSMISSION OF DATA, USE OF COMPUTER SYSTEMS AND NETWORKS".

COMMON TYPES OF CYBER CRIMES MAY BE BROADLY CLASSIFIED IN THE FOLLOWING GROUPS:-

- 1. Against Individuals:

- a. Against Person: -
 - i. Harassment through e-mails.
 - ii. Cyber-stalking.
 - iii. Dissemination of obscene material on the Internet.
 - iv. Defamation.
 - v. Hacking/cracking.
 - vi. Indecent exposure.



CYBERCRIME

- b. Against property of an individual: -
 - i. Computer vandalism.
 - ii. Transmitting virus.
 - iii. Internet intrusion.
 - iv. Unauthorized control over computer system.
 - v. Hacking /cracking.

CYBERCRIME

- 2. Against Organizations:
 - a. Against Government, Private Firm, Company, Group of Individuals: -
 - i. Hacking & Cracking.
 - ii. Possession of unauthorized information.
 - iii. Cyber terrorism against the government organization.
 - iv. Distribution of pirated software etc.

CYBERCRIME

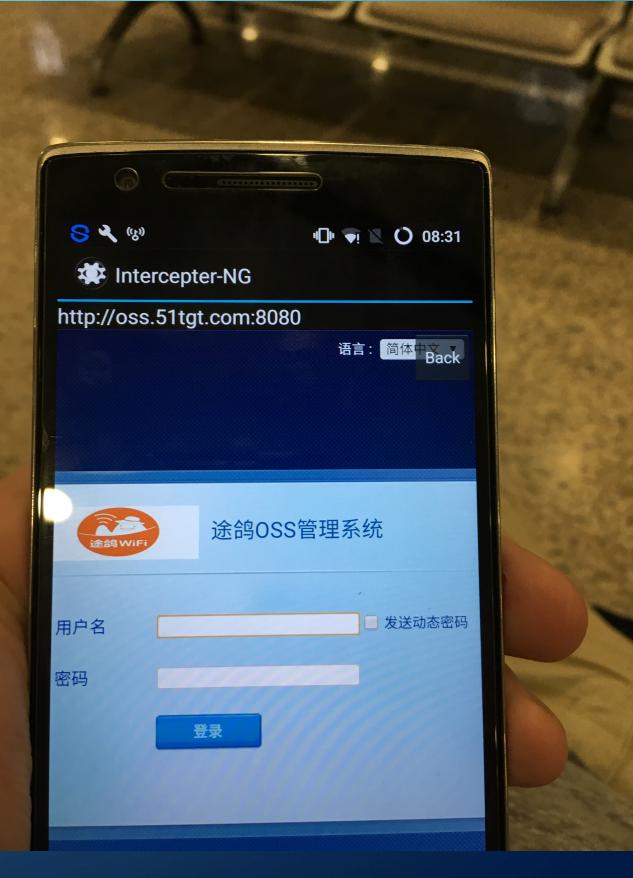
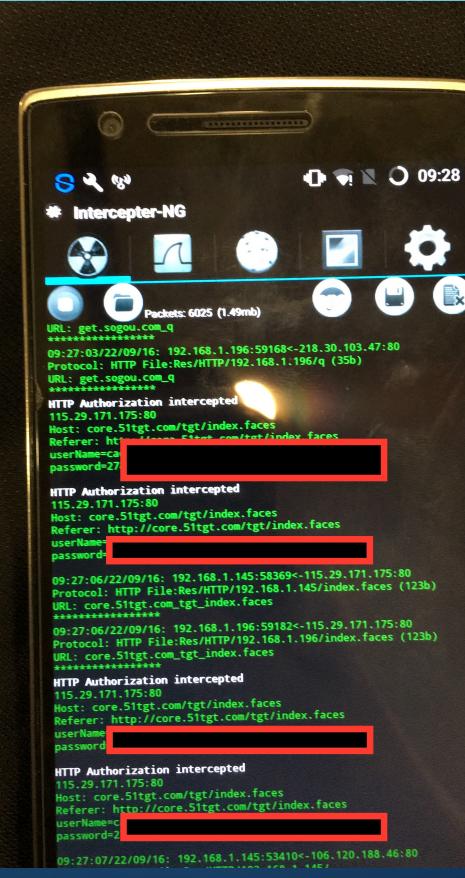
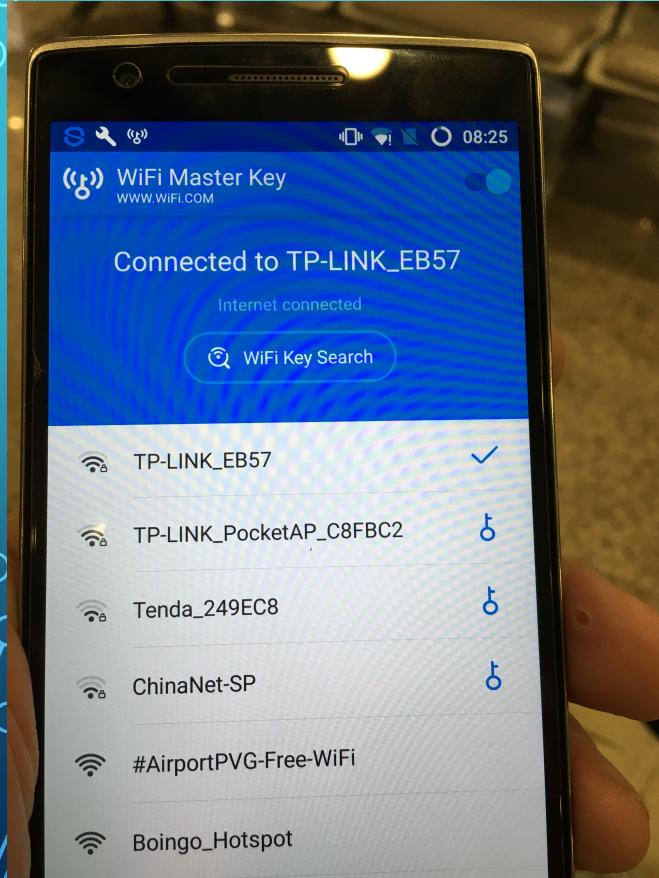
- 3. Against Society at large:
 - i. Pornography (specially child pornography).
 - ii. Polluting the youth through indecent exposure.
 - iii. Trafficking.



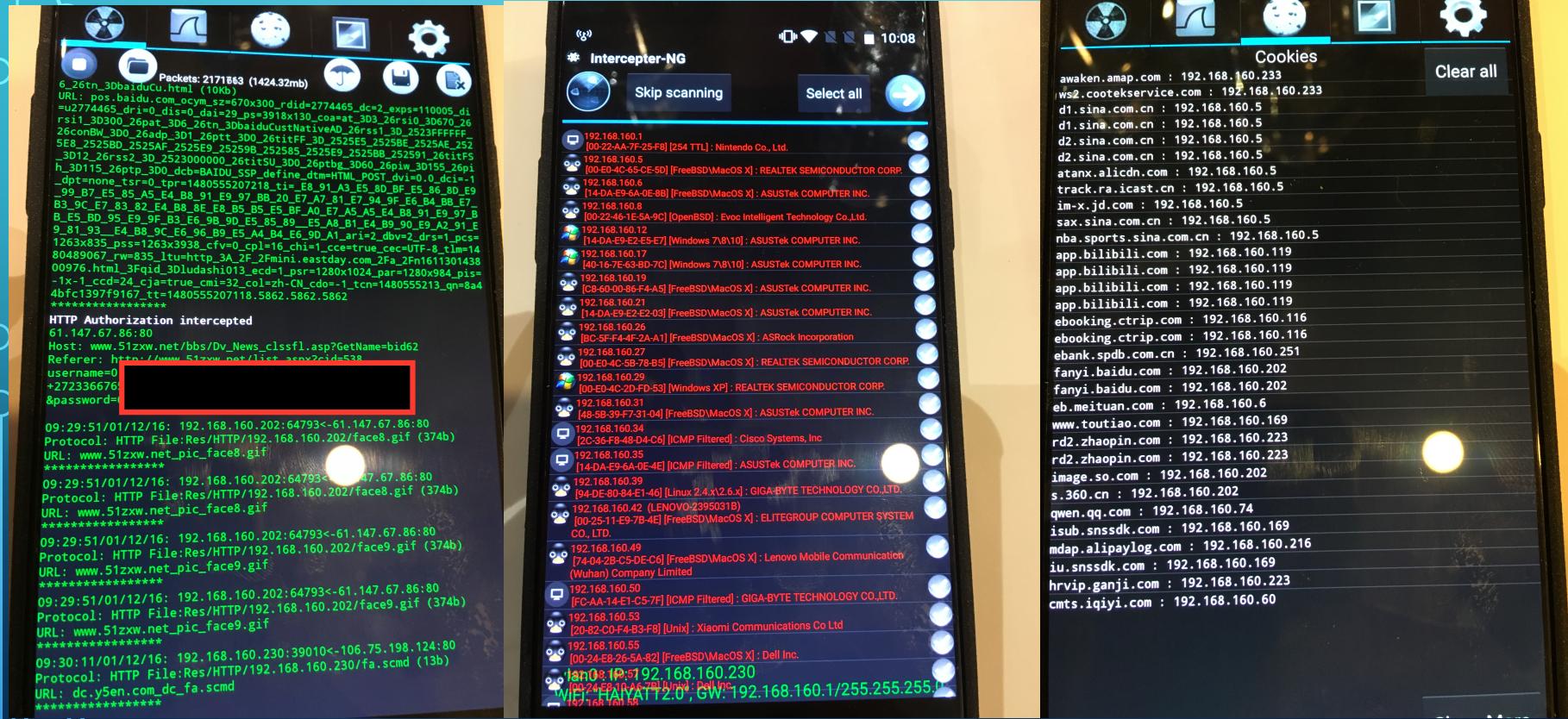
BUDAPEST CONVENTION

- The Budapest Convention, 15 years old, remains the most relevant international agreement on cybercrime and electronic evidence not only as a guideline for domestic legislation and as a basis for international cooperation, but also a catalyst for capacity building and a framework for multi-country cooperation.

WIFI WHAT COULD GO WRONG?



PART 2-FSI



IT WASN'T ME....

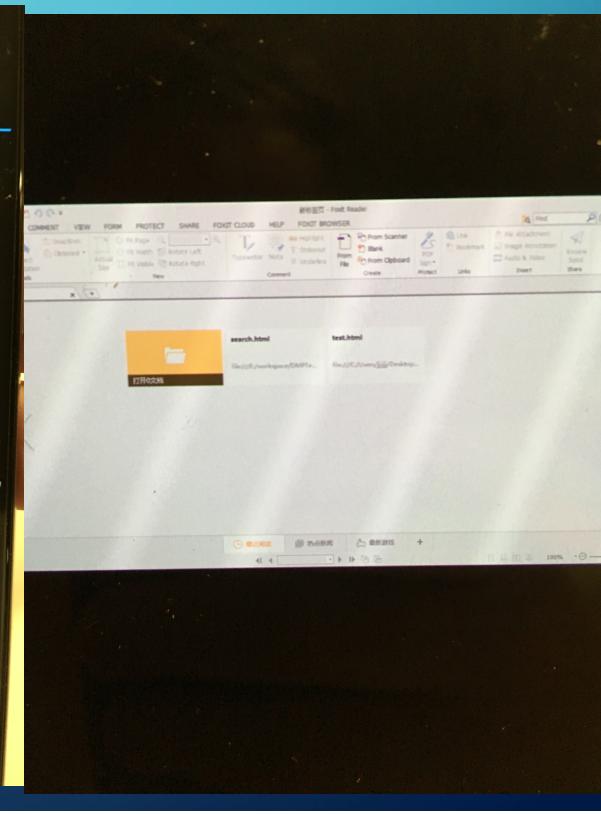
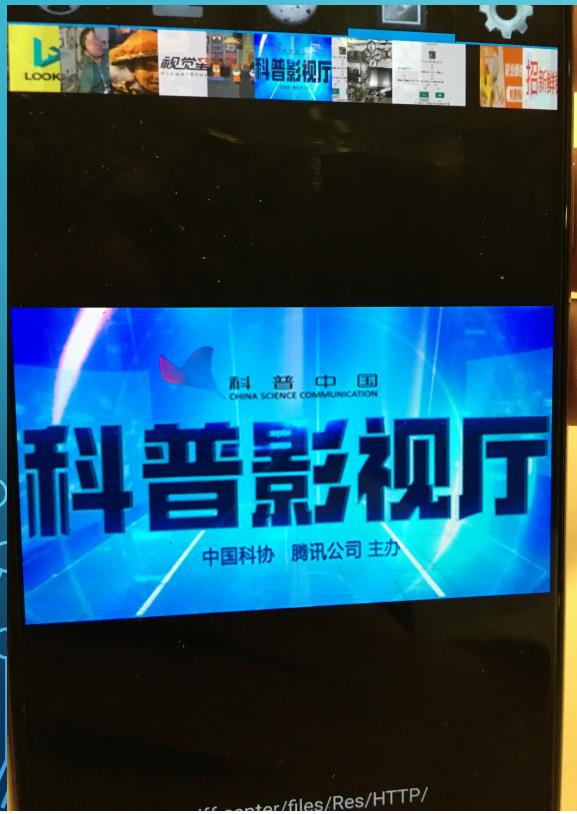
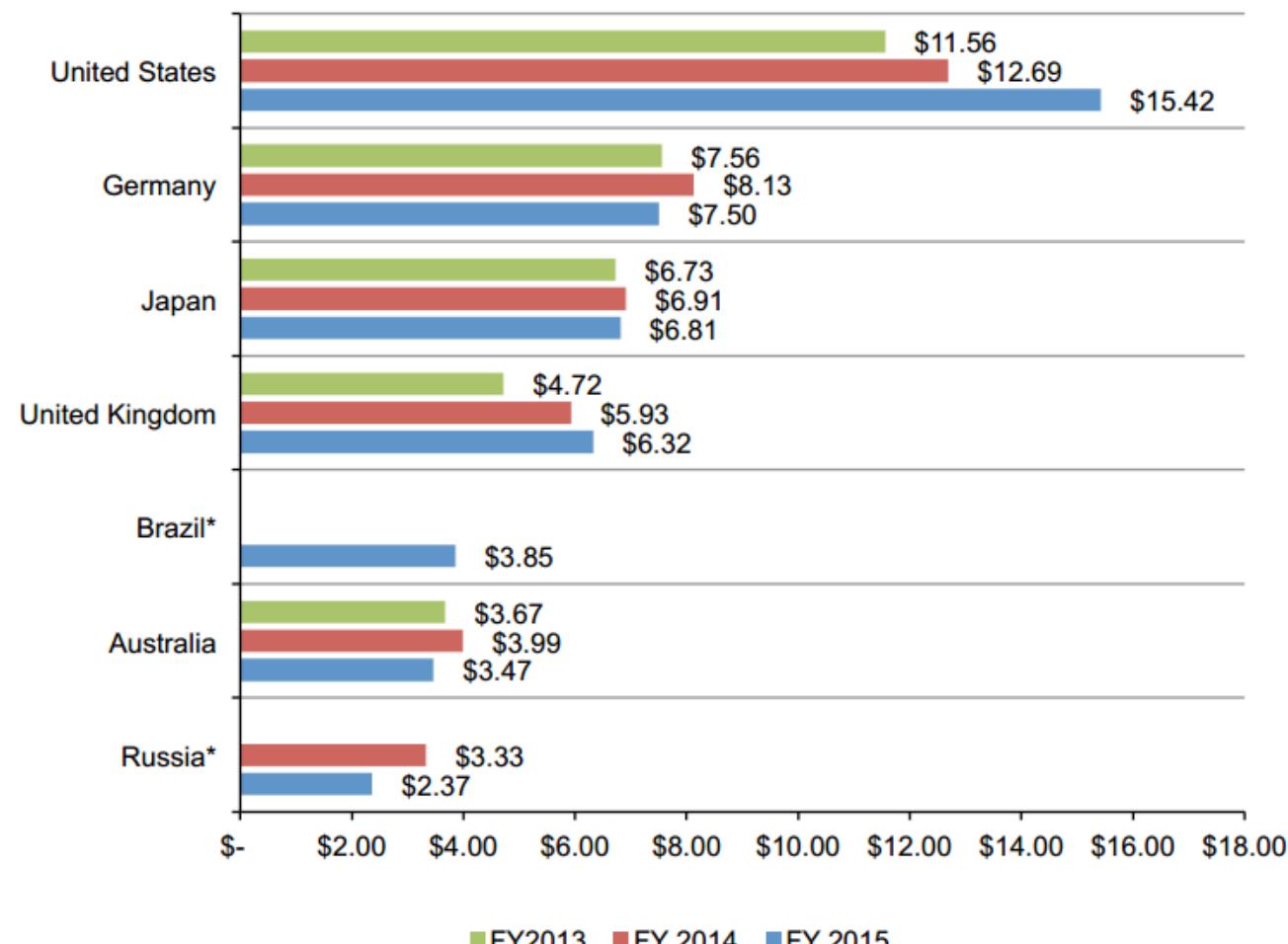


Figure 1. Total cost of cyber crime in seven countries

Cost expressed in US dollars (000,000), n = 252 separate companies



The most expensive
computer virus of all times

MyDoom

\$38 5
billion



Social media

a hackers' favorite
target

600.000

Facebook accounts are compromised every single day

Hackers use out of date versions to launch attacks

99%



of computers
are vulnerable
to exploit kits

Security warning INSIDE JOBS



of employees steal proprietary corporate data when they
quit or are fired

Social engineering

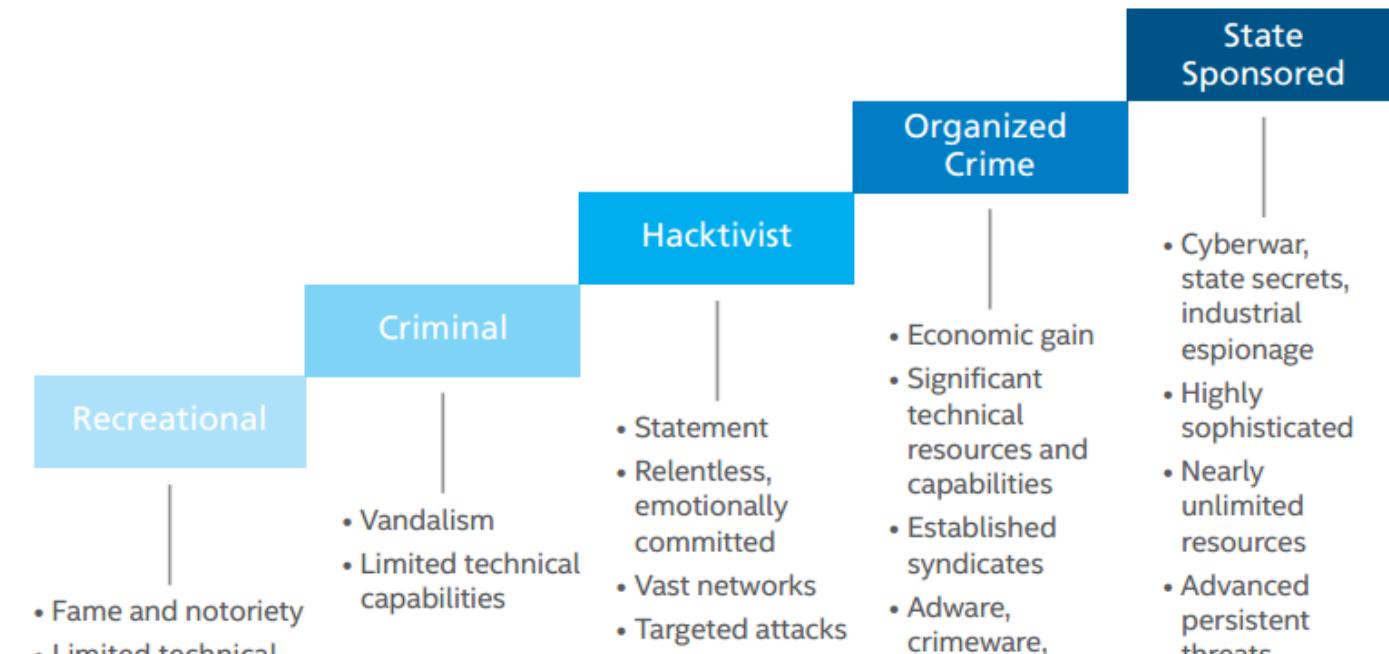
Cyber criminals' favorite way to manipulate victims



\$1 billion
2 years

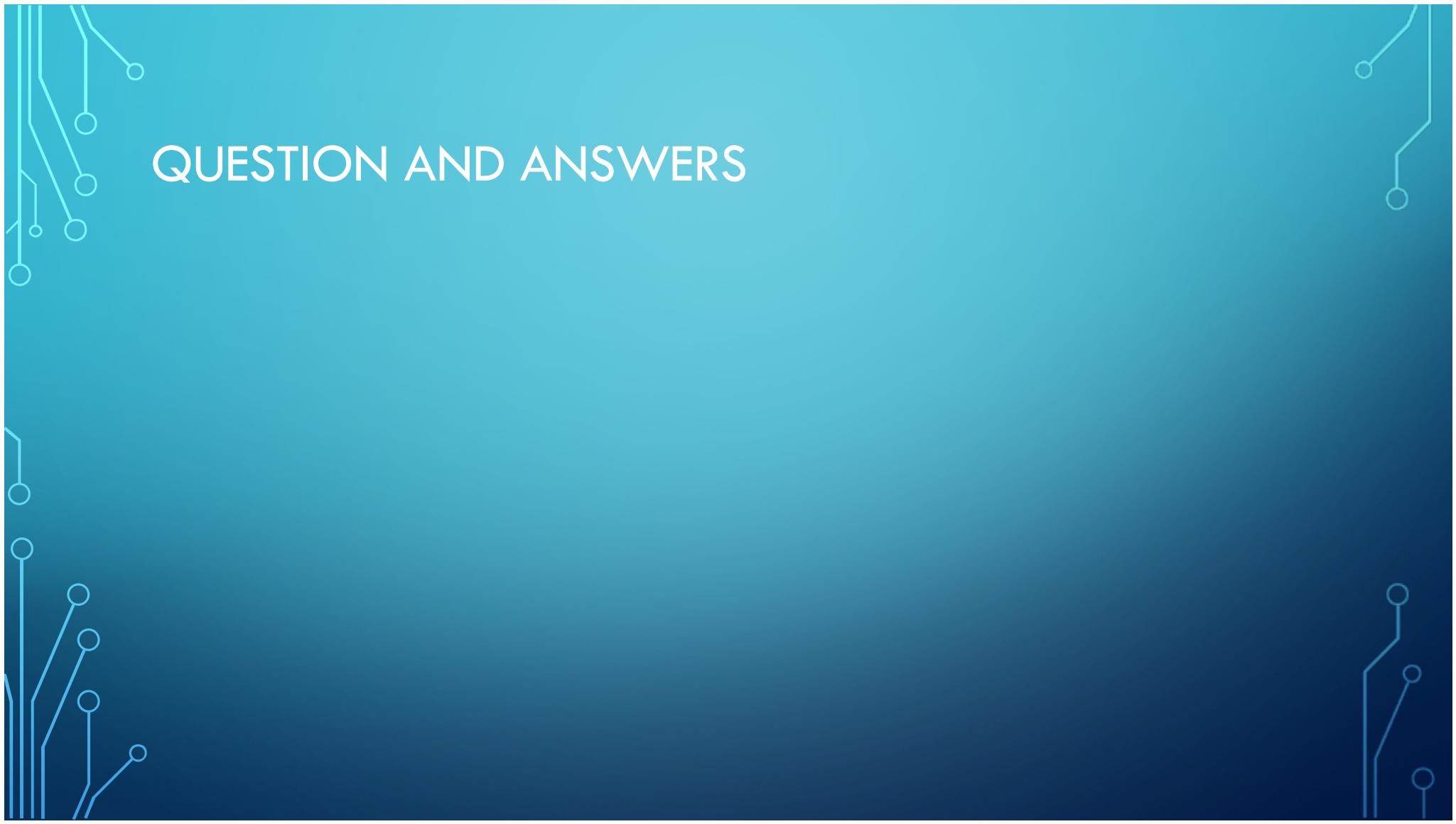
100 banks
30 countries

Changing Attacker Profiles



INCREASING RESOURCES AND SOPHISTICATION

The expansion of attacker types, their resources, and their sophistication.



QUESTION AND ANSWERS