

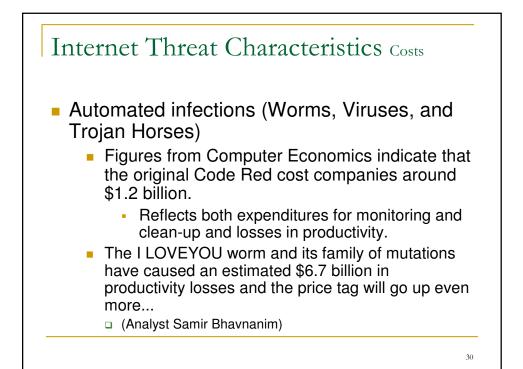
Malicious Software

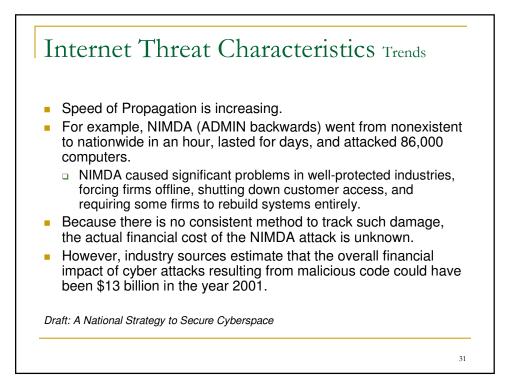
Trojans

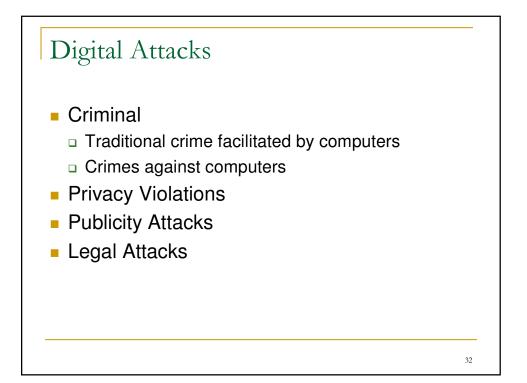
- Email
 - A virus posing as a photo of Russian tennis player Anna Kournikova.
 Spread twice as fast as I Love You.
 - Polymorphic
 - Encrypted
- DDOS
 - Distributed Denial of Service Attack
 - Mafia Boy and Tribal Flood knocked down Yahoo and Ebay.



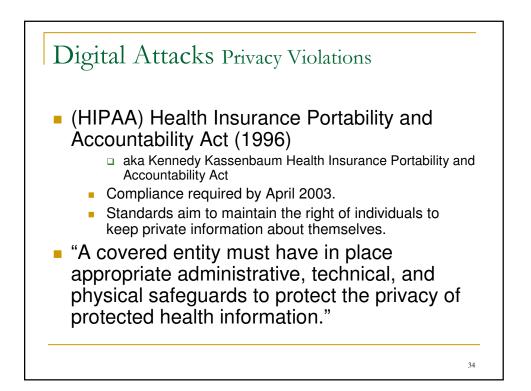
29

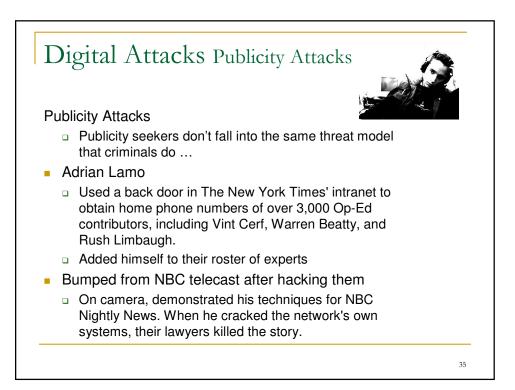


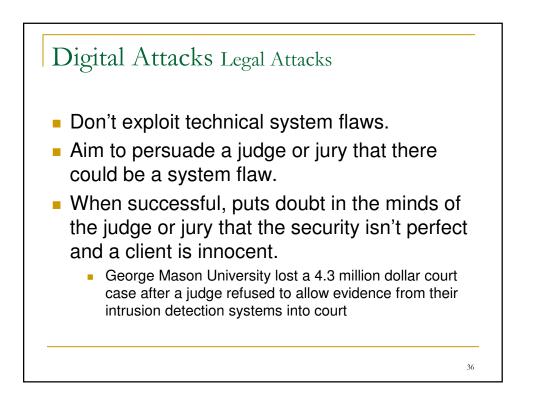






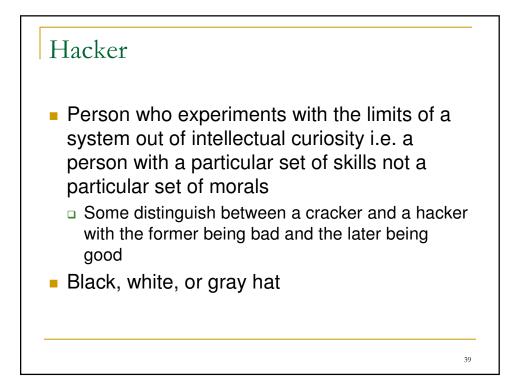


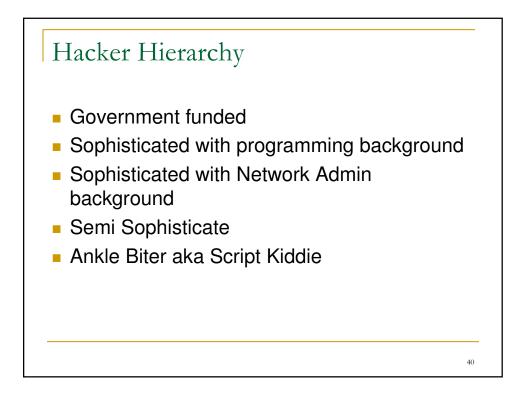


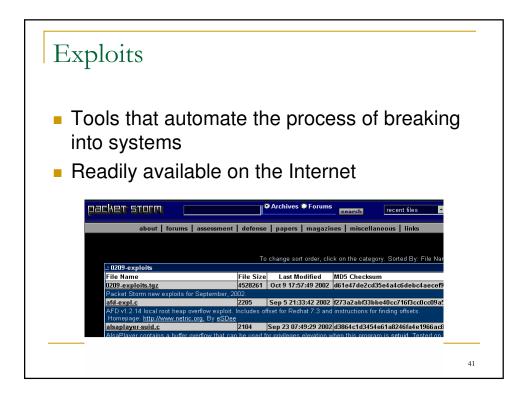


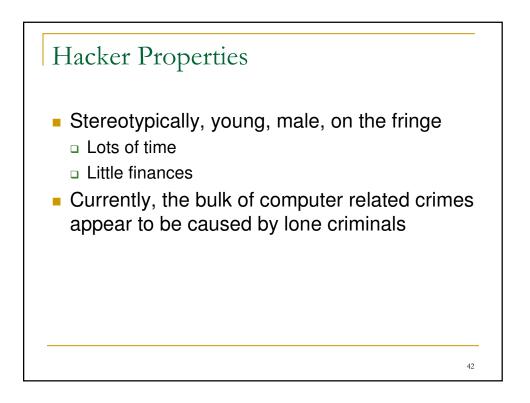


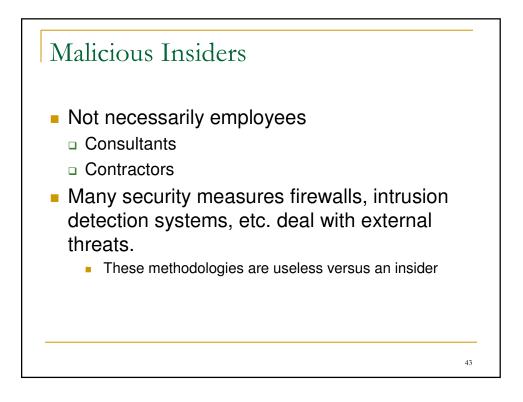


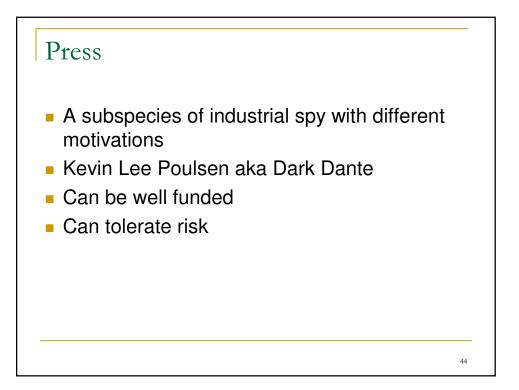






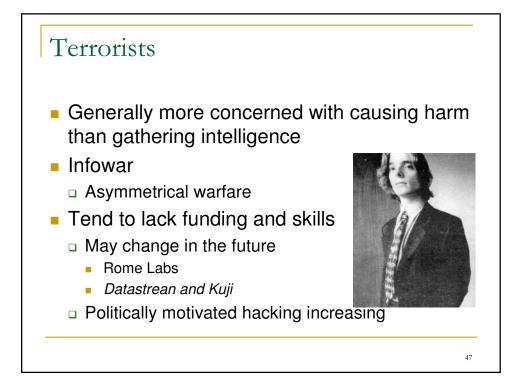


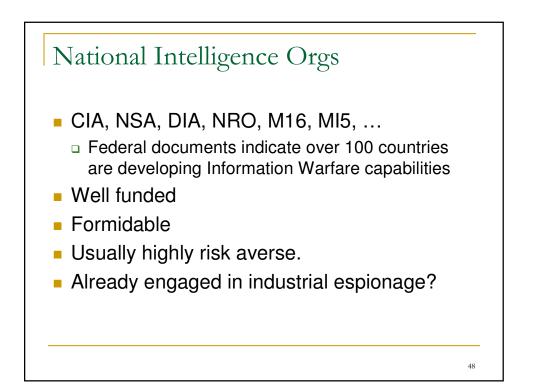


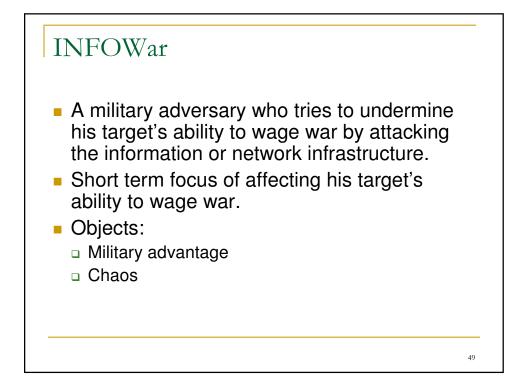


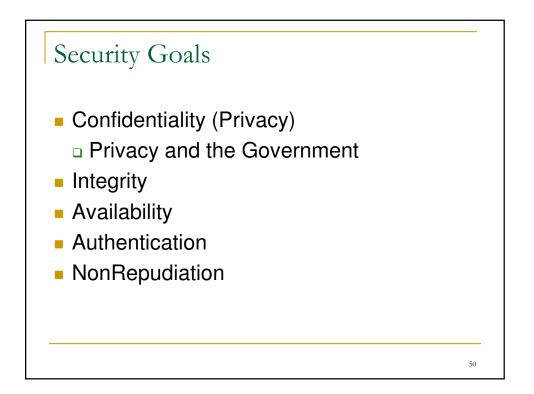


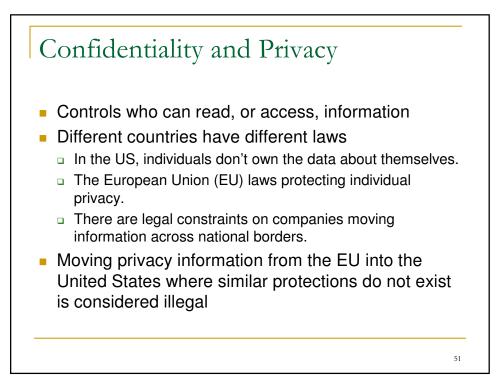


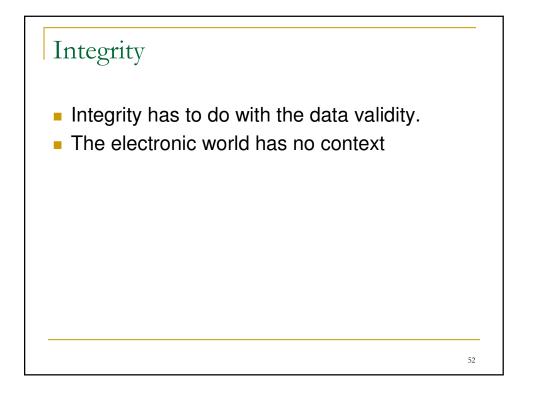


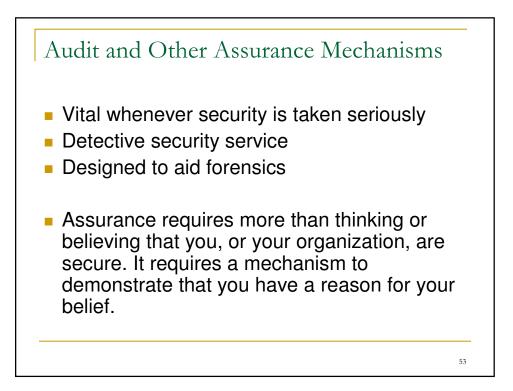


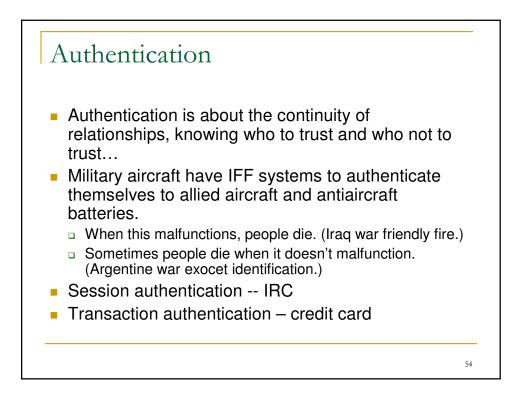




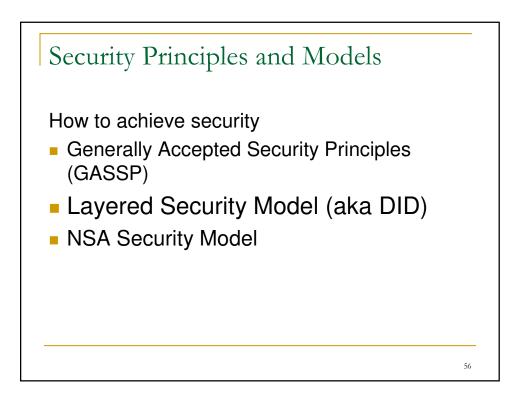


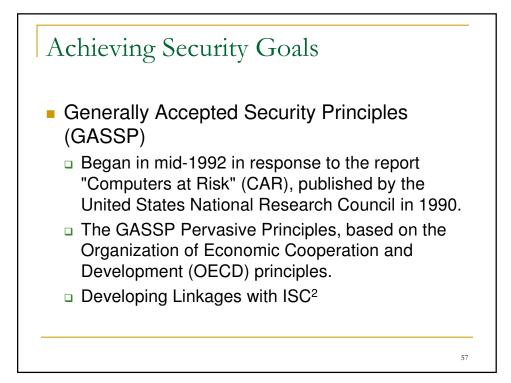


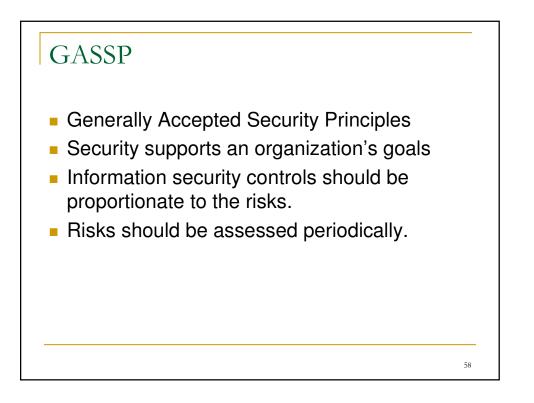


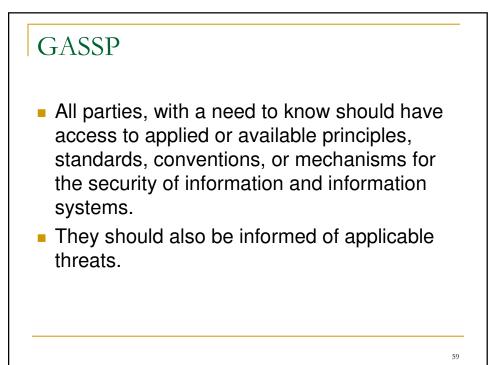












Systems and Security
Effective security has to be thought of as a system within larger systems
Real world issues include design tradeoffs, unseen variables, and imperfect implementations.
Not a product but a process.
Dynamic
Layered Security Model

