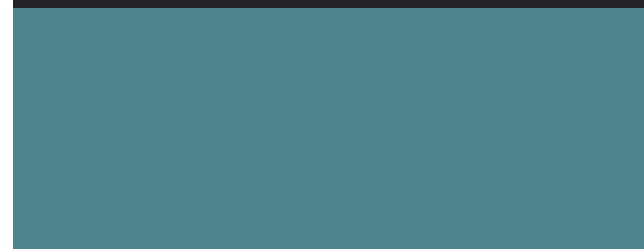
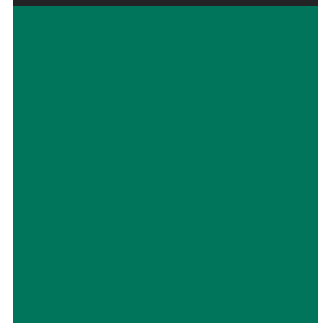


Armor Up! Defending Against Today's Cyber Threats



Jason Riddle
Partner, Managed Security Services



Agenda

- ▶ Overview of current threats
- ▶ Why prevalent defense strategies don't work
- ▶ What companies can do to reduce their risk

The Bear & The Dragon





FBI Uncovers Worldwide \$9M ATM Card Scam

Published February 03, 2009 · FoxNews.com



ATM Fraud Linked In RBS WorldPay Card Breach

Thieves Net \$9 Million in 30 Minutes

Linda McGlasson · February 5, 2009  0 Comments

'Ransomware' crime wave growing

by David Fitzpatrick and Drew Griffin @CNNTech

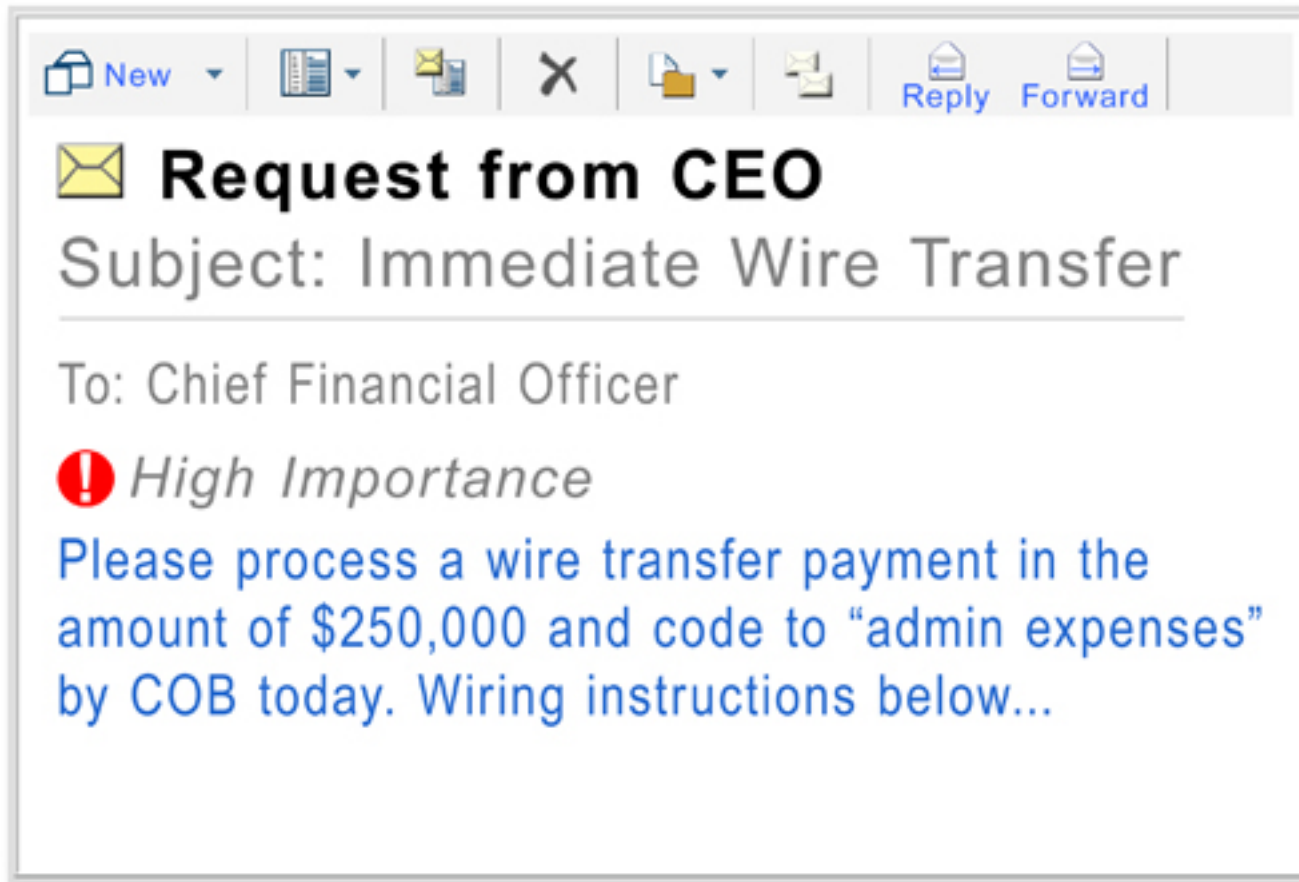
🕒 April 4, 2016: 6:14 PM ET

 Recommend { 1 }

The FBI says it received 2,453 complaints about ransomware hold-ups last year, costing the victims more than \$24 million dollars.



Business Email Compromise Scams



New Chinese stealth jet built with stolen F-35 component designs

Published time: March 14, 2014 04:02

Edited time: March 16, 2014 10:12

[Get short URL](#)



Lockheed Martin's F35 Joint Strike Fighter (Reuters/Lockheed Martin)

(<http://rt.com/news/chinese-jet-cyber-espionage-stolen-718/>)

“Chinese OPM hackers also behind massive health care breach”

By Kellan Howell - *The Washington Times* - Friday, June 5, 2015

The Chinese hackers behind the latest breach on the [Office of Personnel Management](#) were also the culprits behind the massive breach of health insurers [Anthem](#) and [Premera Blue Cross](#), security researchers said.

Researchers and government officials said they suspect Beijing is behind the attacks, which they believe are part of a broad digital espionage scheme targeting high-level espionage targets.




U.S. Victims of Chinese Cyber Espionage over the past five years




Each red dot is a unique corporate, private, or U.S. government victim.

“Blackmail rising from Ashley Madison breach”



ASHLEY MADISON®
Life is short. Have an affair.®



Over 38,630,000 ~~anonymous members!~~ bankrupted divorce defedents

Major Attack Types

- ▶ Phishing / Exploit Kits → Theft (data and \$)
- ▶ Ransomware → Extortion
- ▶ Wire Fraud → Financial Fraud

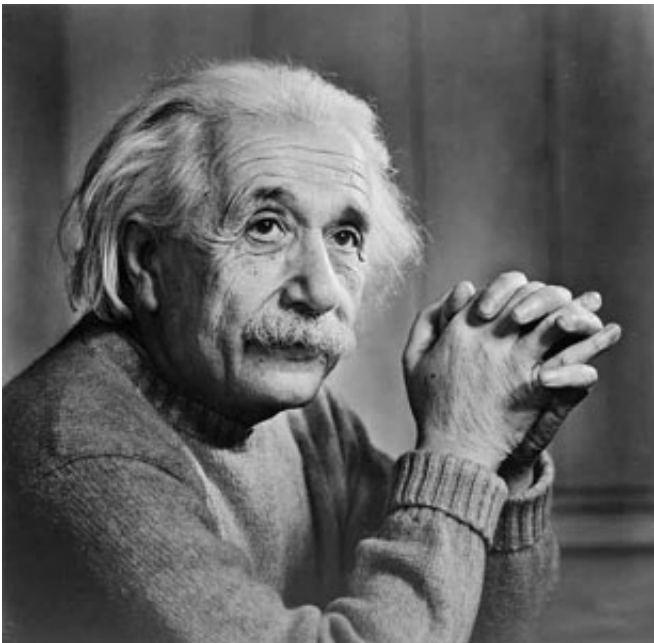
200

median # days threats were persistent on victim networks before detection

69%

of victims notified of breach by an external party

What are we doing wrong?



The definition of insanity is repeating the same behaviors and expecting a different outcome.

Albert Einstein

What Works?

1. Segmentation of Critical Assets
2. Application Whitelisting
3. Two-factor Authentication

What Works?

4. Vulnerability / Patch Management
5. Aggressive Monitoring (network & logs)

Thank You!

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The logo for LBMC, consisting of the letters "LBMC" in a white, sans-serif font, centered within a teal rectangular background.

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