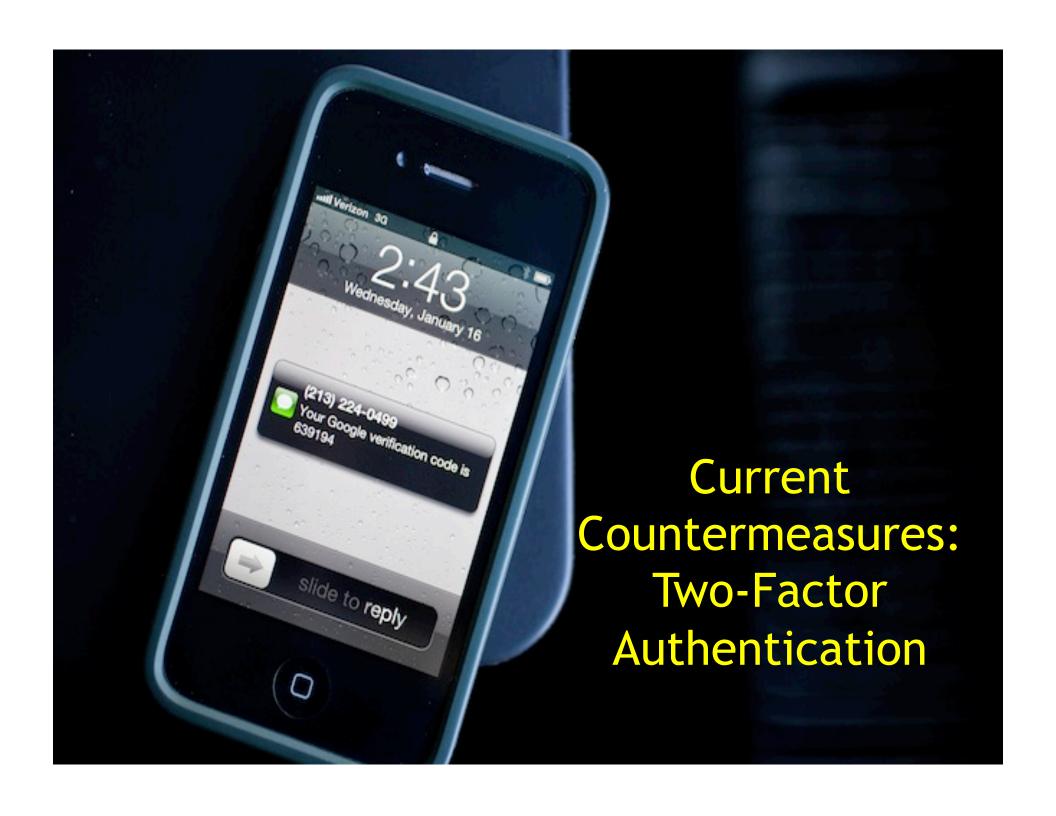
Google Declares War on the Password

Kyle Kodani

Why Passwords Don't Work (HACKING)

- Passwords are old, and haven't aged well
- Many, many accounts with similar passwords
- Hacker needs no physical presence
- What is a "strong" password?
 - Only protects against brute force attack
 - Vulnerable to keyloggers
 - Vulnerable to social engineering/phishing
- The age of Google



YubiKey By Yubico

- •25\$ for one
- •Small, fits inside a wallet
- Plugs into a USB port
 - Working on wireless connection
- •Compatible with popular operating systems and browsers
 - •No need for extra software, change is made server side
 - Working on compatibility with mobile devices

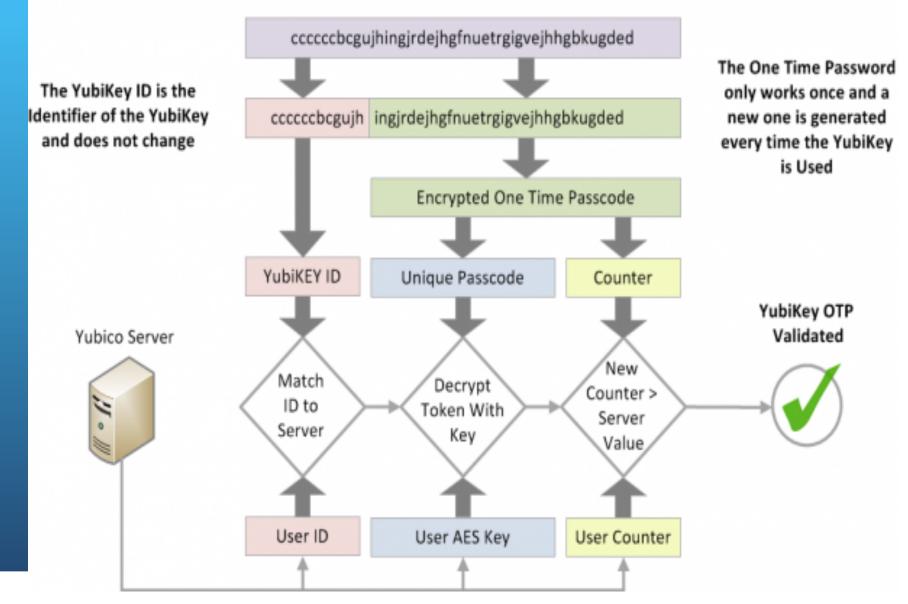


•Durable, no moving part or battery

Biggest problem is losing the key



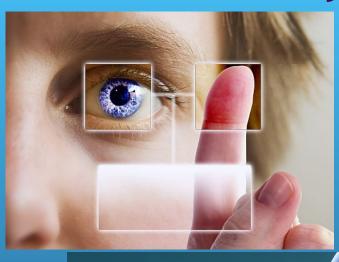
How it Works



YubiKey in Action

http://www.youtube.com/watch?v=yyABX0zAYTQ&list=UUX5_RgRVo8KVQ6yQy2lAatQ

Biometrics: The Way of the Future?



 Retinal scan, face scan, fingerprint, signature, voice, genetics, combination

• Unique, secure

 Requires extra hardware, software, data space

Articles

- http://www.wired.com/gadgetlab/2012/11/ff-mathonan-password-hacker/all/
- http://www.wired.com/wiredenterprise/2013/01/ google-password/all/
- http://en.wikipedia.org/wiki/Password
- http://www.yubico.com/products/yubikey-hardware/ yubikey/technical-description/
- http://en.wikipedia.org/wiki/Biometrics