



The Cyber Threat Landscape

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5/25/2017

Sandbags Piled in Front of AT&T Building, San Francisco, 12/15/1941

Introduction



Me

- 16 years in Information Security at AT&T
- Currently Support 8000+ Retail Locations



- World's largest communications company (by REV)
- **137 Petabytes/day**
- Largest Pay TV Provider in US (25M subs)
- **134M Wireless Subscribers in US / 12M in Mexico**
- 13th Most Valuable Brand*
- **12th Largest Company in the world***

*SOURCE: <https://www.forbes.com/companies/att/>

Current Threats

Who / Why / How?



Threat 1/3

WHO?

Hactivists

WHY?

For a Cause

HOW?

Destructive Attacks

- On-line “dating” site

Denial of Service

- Anonymous

Trusted Insiders

- Snowden



Threat 2/3



WHO?

Criminals

WHY?

For Profit (organized crime)

HOW?

APT (Data Theft)

- Retail: Credit Cards
- Media: Intellectual Prop

Destructive Attacks

- Ransomware

Denial of Service

- DDOS for Hire



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Threat 3/3

WHO?

Nation States

WHY?

For Country

HOW?

APT (Data Theft)

- OPM/Health insurer
 - Political Party
- Destructive Attacks**
- Stuxnet / National Oil Co.

Denial of Service

- Major Code Repository



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First appeared as part of the conference materials for the
30th Annual Technology Law Conference session

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