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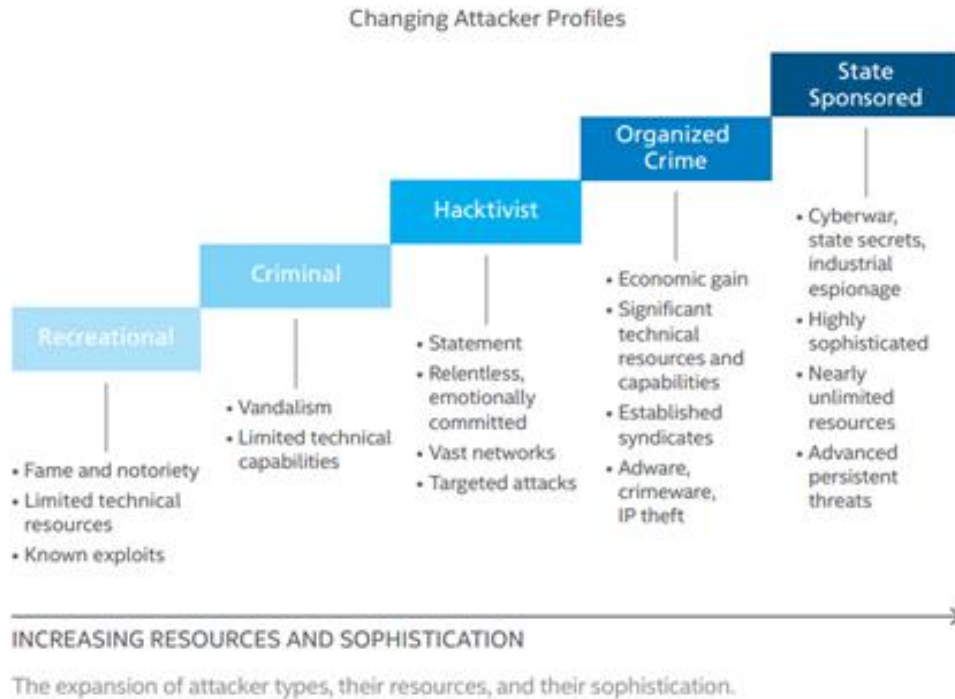
Tampa International Airport

Hillsborough County Aviation Authority
Tampa International, Peter O. Knight,
Plant City and Tampa Executive Airports

Cyber Security as a Team Sport

✓ What
   ➢ The threats

✓ Where
   ➢ Areas of Vulnerability

✓ Who
   ➢ Key Stakeholders

✓ How
   ➢ You can reduce the risks

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Evolution of attackers

Changing Attacker Profiles

State Sponsored
- Cyberwar, state secrets, industrial espionage
- Highly sophisticated
- Nearly unlimited resources
- Advanced persistent threats

Organized Crime
- Economic gain
- Significant technical resources and capabilities
- Established syndicates
- Adware, crimeware, IP theft

Hacktivist
- Statement
- Relentless, emotionally committed
- Vast networks
- Targeted attacks

Criminal
- Vandalism
- Limited technical capabilities

Recreational
- Fame and notoriety
- Limited technical resources
- Known exploits

INCREASING RESOURCES AND SOPHISTICATION

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

TRAITS AND TRENDS

- Increased sophistication
- Diversity of structure, motivations, intents
- Accessibility of tools, techniques, resources
- Range of communities and networks
- Complexity of systems
- Hyper-connectivity and borderless environment
- Equal-opportunity targets

Global Risks Landscape
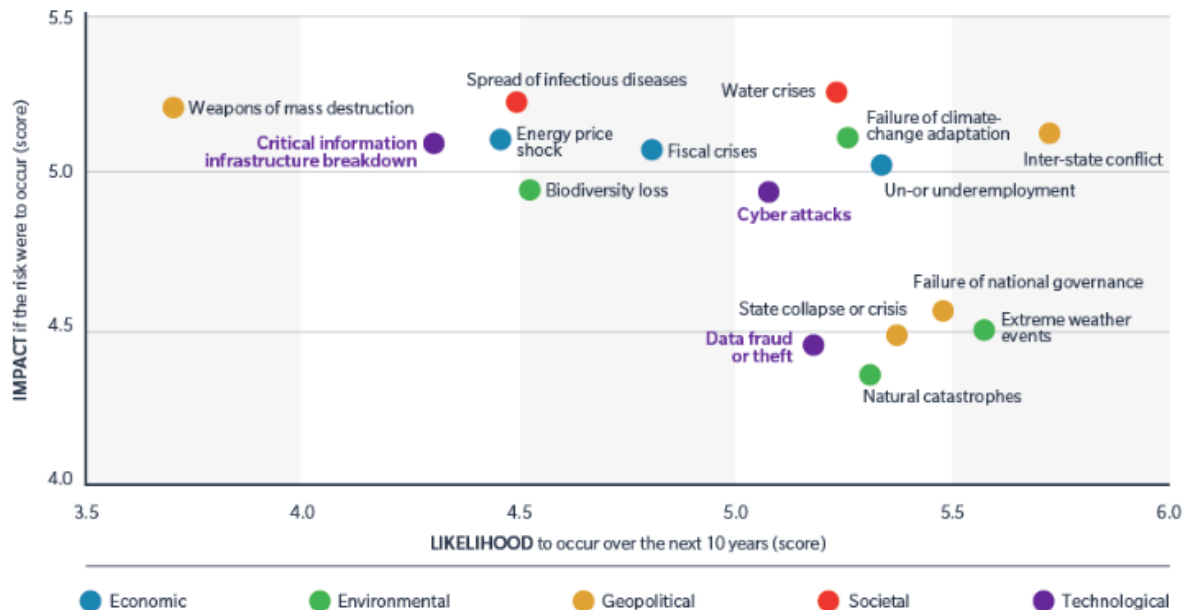
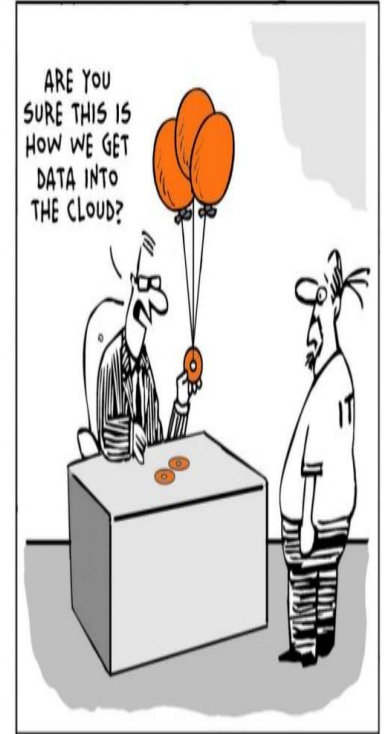Source: WEC 2017 Global Risks Report

How **BIG** is the Problem?

- Cyber incidents are inevitable
- Difficult to know the extent of the cyber threat
- Requirements to disclose or report cyber incidents increasing
  - SEC requirements for publicly traded companies
  - Majority of states have enacted laws requiring disclosure of cyber incidents resulting in the loss of PII
  - Federal cybersecurity requirements

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It is Going to Get BIGGER

- ✓ BIG Data
- ✓ Mobile Platforms and Technology
- ✓ Open Source Applications
- ✓ Cloud Computing
- ✓ BYOD (Bring Your Own Device)
- ✓ IoT (Internet of Things)

Thank You