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Hacking the C-Suite:

86% of CIOs Say You're Not Doing Enough

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2017 NMHC Spring Board of Directors Meeting

May 16-18, 2017

AGENDA

- Understanding the current state of cybersecurity
- How does this affect you
- Best practices and considerations

THE PERFECT STORM...

35

Days for a new technology to reach a critical mass of 50m users



Mobile



Big Data



Cloud Computing



Social



Internet of Everything

50bn

Internet connected "things" by 2020** including sensors, RFID chips etc

86% of organizations believe there's a shortage of skilled cybersecurity professionals. By the year 2020, the deficit of cybersecurity professionals to job opportunities is expected to reach over **1.5 million***.

* <http://www.nextgov.com/technology/news/tech-insider/2015/08/major-cybersecurity-job-shortage-we-must-act-we-are-war/119370>



1%

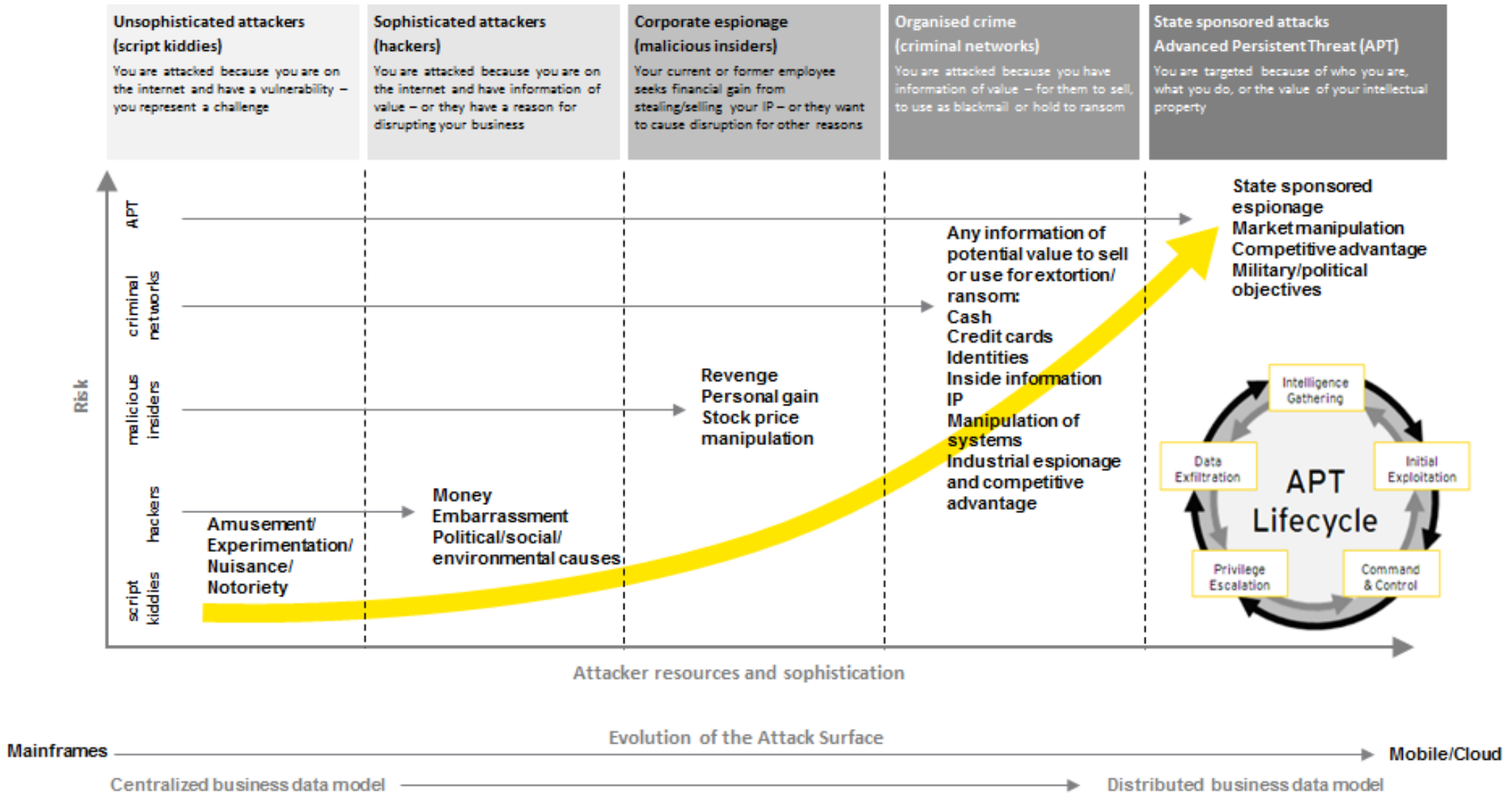
According to Cisco, only 1 percent of devices that could be connected in the world actually is



240+ Days

Average amount of time an attacker is on a corporate environment before detection

EVOLUTION OF THE CYBER THREAT



There are two types of companies: those that have been breached, and those that don't know it yet.

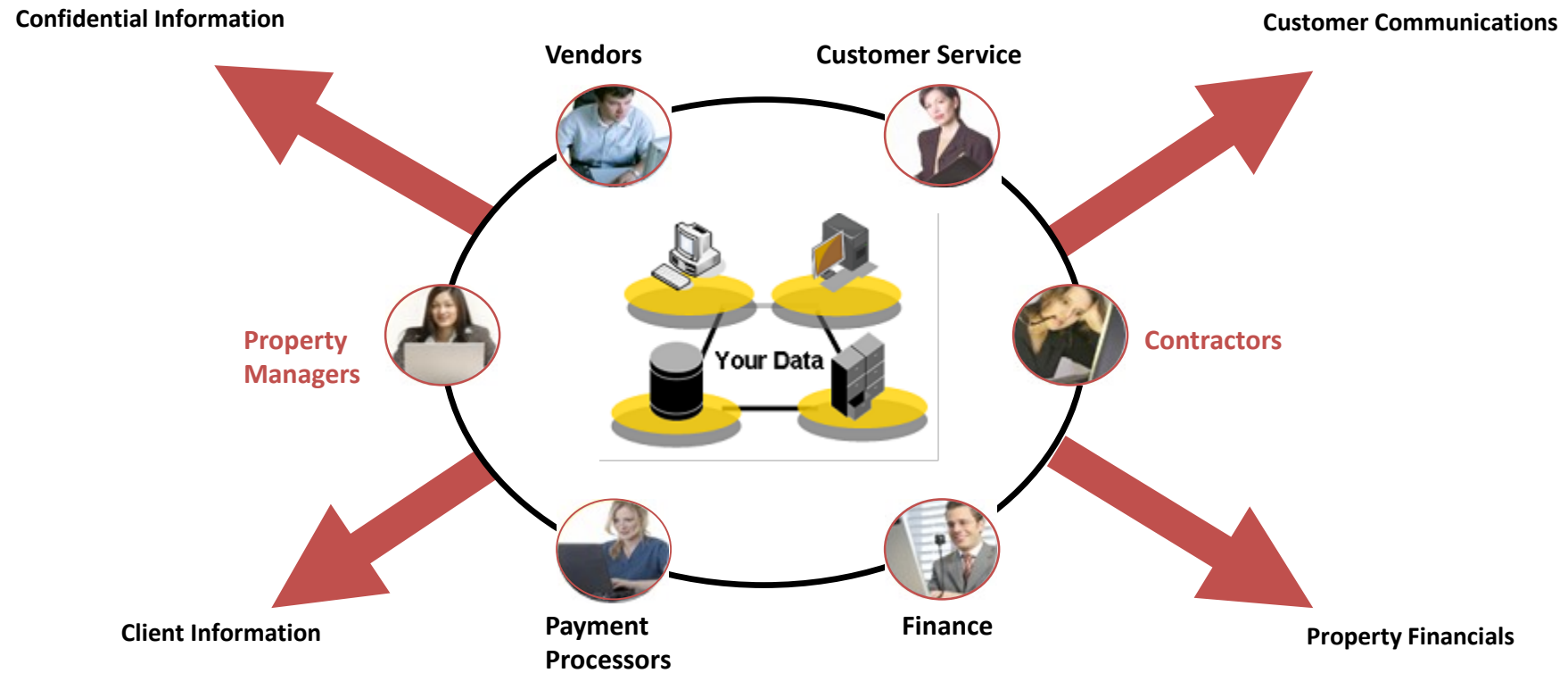
EY GLOBAL INFORMATION SECURITY SURVEY



1700+ Cybersecurity and Risk Executives for were surveyed

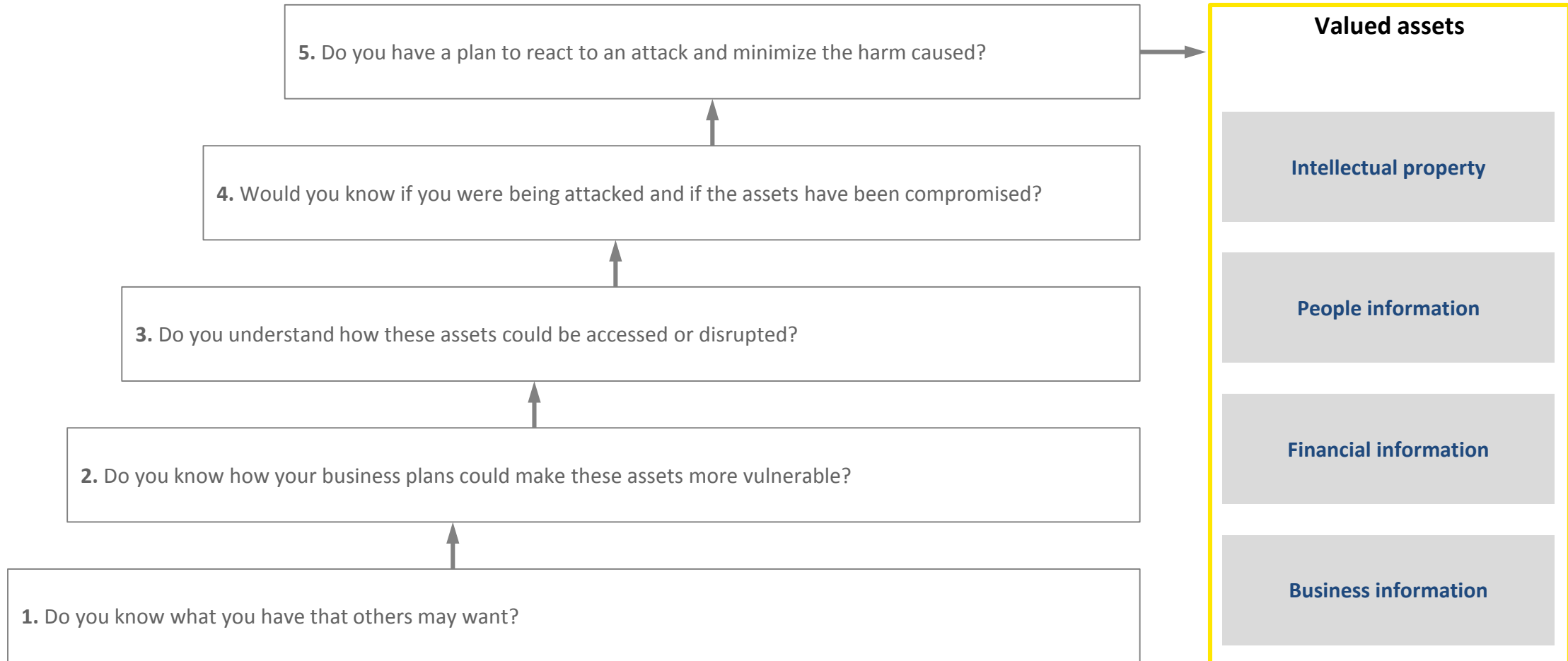
- **87%** of board members and C-level executives have said they lack confidence in their organization's level of cybersecurity
- **73%** are concerned about poor user awareness and behavior around mobile devices
- **57%** of responders have had a recent significant cybersecurity incident
- **42%** do not have an agreed communications strategy or plan in place in the event of a significant attack
- **86%** say their cybersecurity function does not fully meet their organization's needs

HOW DOES THIS AFFECT YOU



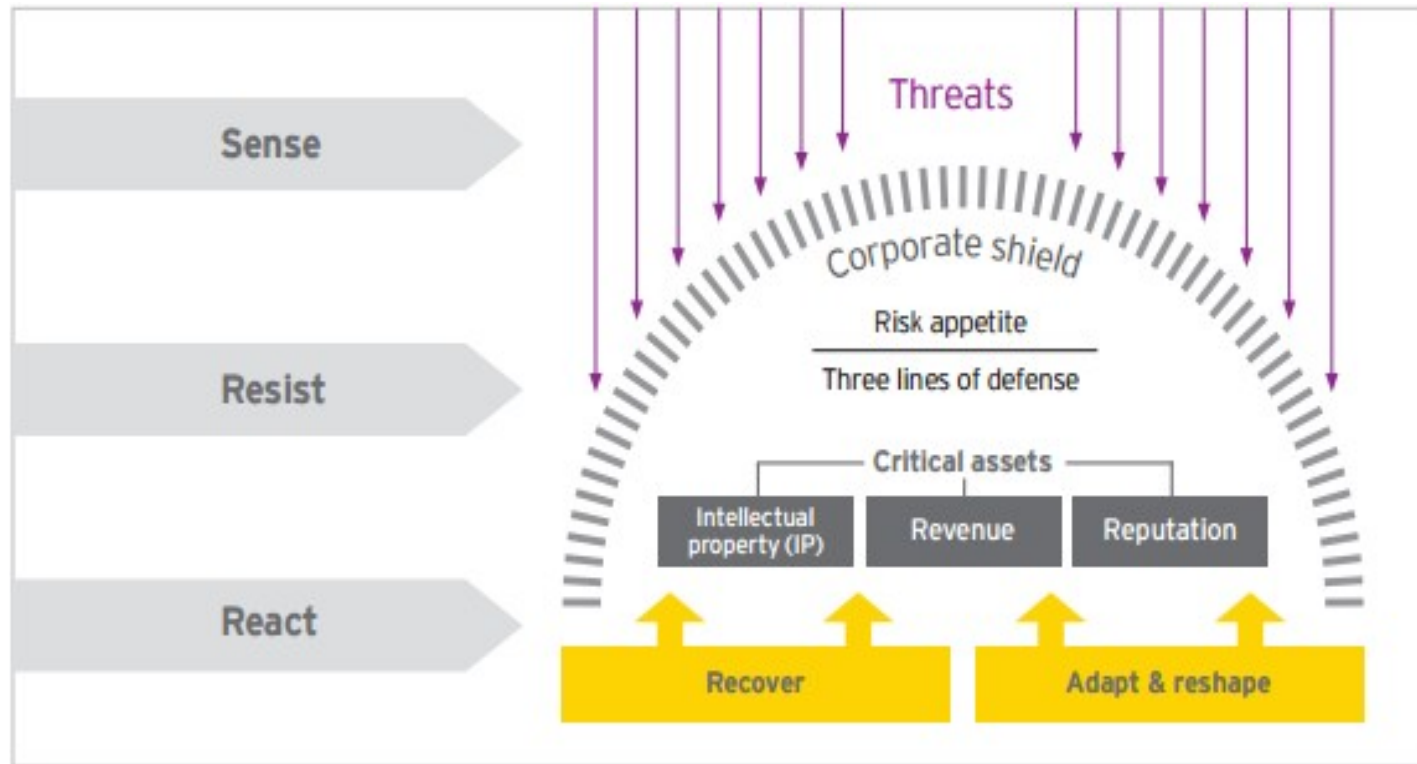
Know where sensitive data flows

BEING ATTACKED IS UNAVOIDABLE - BE PREPARED



Would you know if an attacker was able to gain access to your most valuable information?

EY GLOBAL INFORMATION SECURITY SURVEY



Take an unorthodox approach:

- Switch from a “fail safe” mindset to a “safe to fail” mindset
- Shift from protection to sacrifice



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