Information Protection in Today's Changing Mobile and Cloud Environments

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Session ID: SPO1-107

Session Classification: Intermediate

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including attacks on other industries and organizations. Attacks on the
chemical industry are merely their latest attack wave

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Sachs CEO, NYPD Officer Leaked

to the second week, some protesters are moving their

ed personal information for Goldman Sachs CEO Lloyd
n Sept. 28. The post included Blankfein's age, recent
volved in, as well as registration information for businesses.

bout the New York police officer who sprayed pepper spray into
here are various video clips available online showing Deputy
penned behind a police barricade net without any
sses, names of relatives and other personal data was

teals Banking Codes by Them to Wrong Phone

News

rser security vendor Trusteer have identified a new variant of the SpyEye
ks online banking users into changing the phone numbers associated

SIC] just a group of like minded people taking on the

SECURITY dark READING

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Zappos, Amazon Sued Over Data Breach

Lawsuit against shoe retailer alleges security negligence, seeks millions in compensatory and exemplary damages

Jan 23, 2012 | 08:12 PM | 0 Comments

By Tim Wilson
Dark Reading

Shoe retailer Zappos.com and its parent company, Amazon.com, are being sued for exposing customer data in a breach affecting some 24 million customers.

According to an Associated Press report on the lawsuit against Zappos, a Texas woman has taken the lead in the Kentucky lawsuit, alleging that she and millions of other customers were harmed by the release of personal account information.

Officials representing Zappos in Nevada and parent company Amazon in Seattle declined to comment to AP on the lawsuit filed in U.S. District Court in Louisville.

Zappos alerted employees and customers by email Sunday that names,

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linked to Duqu computer

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Duqu malware
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alled Web Werks told Reuters
formation Technology last week
nents from a server that security
unicating with computers

n Symantec said it had found a
code similar to Stuxnet, a piece
oc on Iran's nuclear program.

und the world are racing to
ysis suggesting that it was
lp lay the groundwork for attacks
nts, oil refineries and pipelines.

a privately held company in

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Prices of Assets and Services In The New Market

Overall rank		Item	Percentage		2010 price ranges
2010	2009		2010	2009	
1	1	Credit card information	22%	19%	$0.30–$100
2	2	Bank account credentials	16%	19%	$10–$900
3	3	Email accounts	10%	7%	$1–$18
4	3	Attack tools	7%	2%	$5–$650
5	4	Email addresses	5%	7%	$1/MB–$20/MB
6	7	Credit card dumps	5%	5%	$0.50–$120
7	6	Full identities	5%	5%	$0.50–$20
8	4	Scam hosting	4%	2%	$10–$150
9	5	Shell scripts	4%	6%	$2–$7
10	9	Cash-out services	3%	4%	$200–$500 or 50%–70% of total value

Specialization of Skills and Professionalization

1. Recon: Know your Targets
2. Incursion: Gain Access
3. Discovery: Create a Map to the Asset
4. Capture: Take Control of the Asset
5. Exfiltrate: Steal or Destroy Asset

Actors Brought Together by Market Forces

State Nation
Government Sponsored

Attackers
Malicious Outsiders

Insiders
Malicious and Non-Malicious

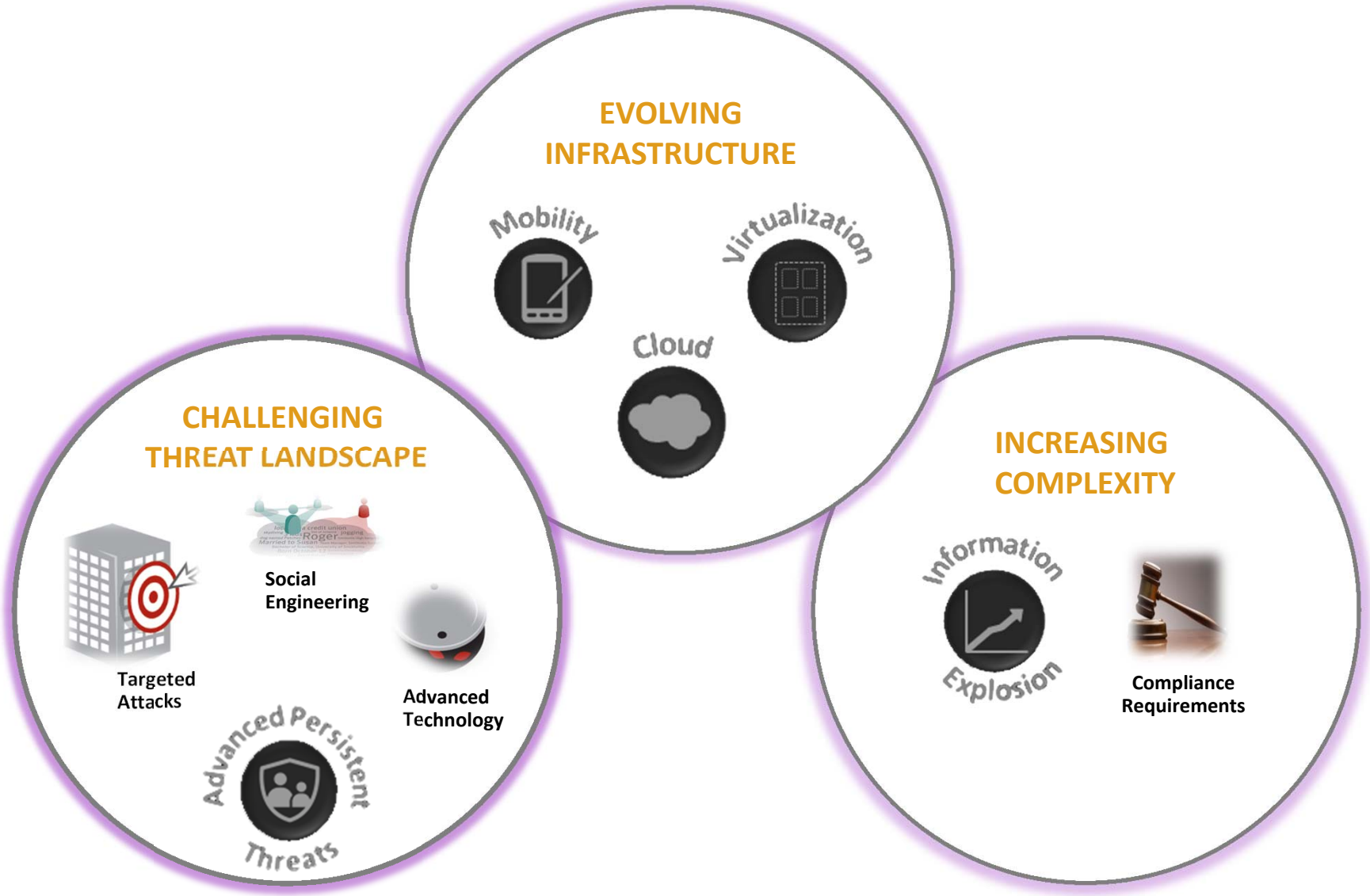
Hack-tivists
Hacking for a Cause

Cyber Criminals
Hacking for Profit

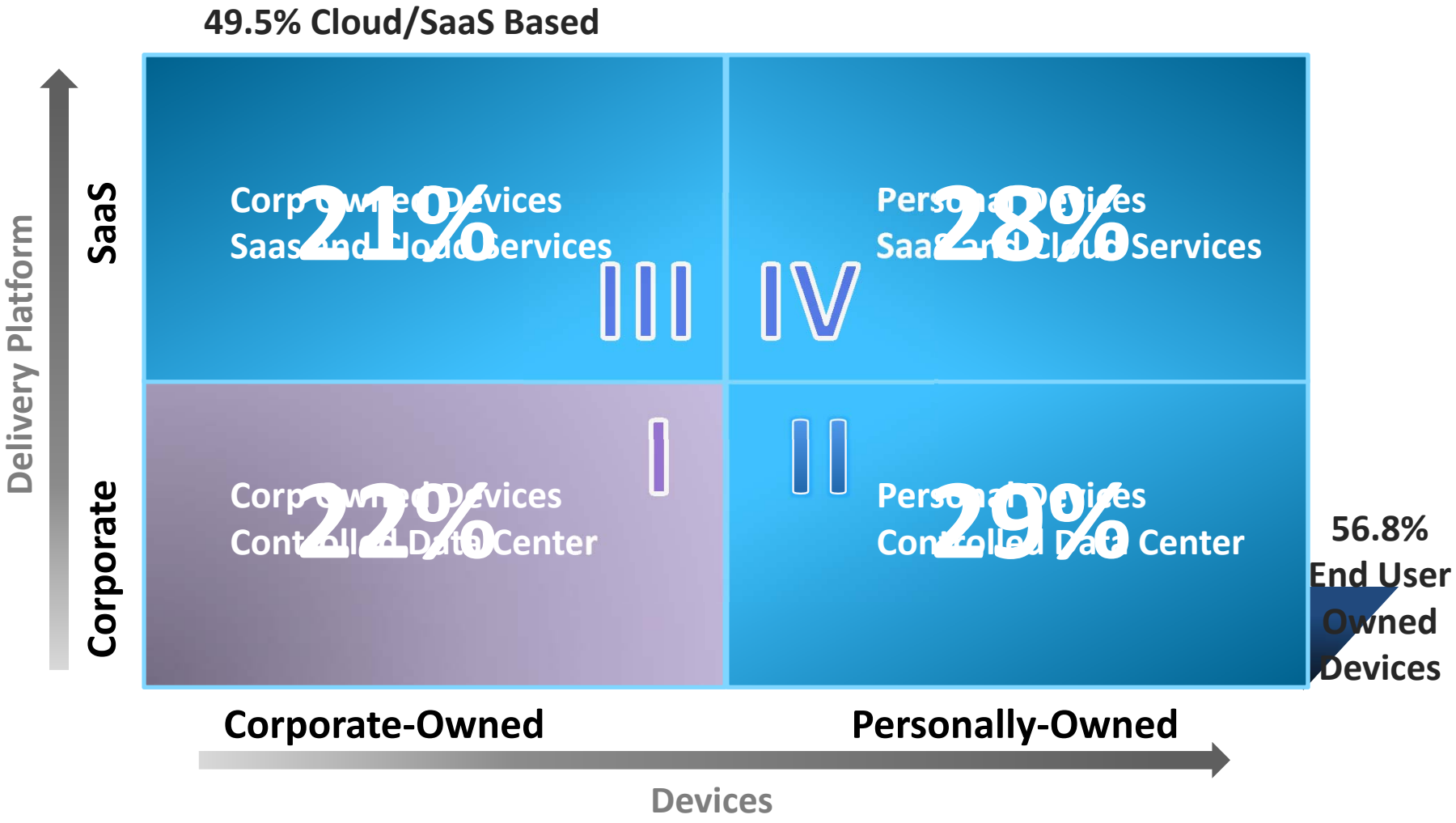
The Transition From Individual Actors to A Systemic Market Driven Adversary

APT	Attacker (Malicious Outsider)	Insider (Malicious and Non-malicious)	Hack-tivist	Cyber Criminals	State Nation
RECON	Free Scanners	Insider Knowledge	Social Networks / Google	Data Mining	Espionage / Collusion
INCURSION	Basic Scripts /MetaSploit	Privileged Access	Social Engineering	Attack Kits / Malcode / Bots / Affiliates	Tailored Malcode / 0-Day
DISCOVERY	Random Targeting	Asset Awareness	Targets of Chance	Targets of Chance / Choice	Targets of Choice
CAPTURE	Visible / Low Value	Critical Assets	Media Worthy Asset or Access	Monetized Assets	High Value IP / Government Secrets
EXFILTRATE	Tagging and Damage	Theft and Damage	DDoS, Theft and Damage	Fraud and Financial Gain	Gain / Maintain Strategic Advantage

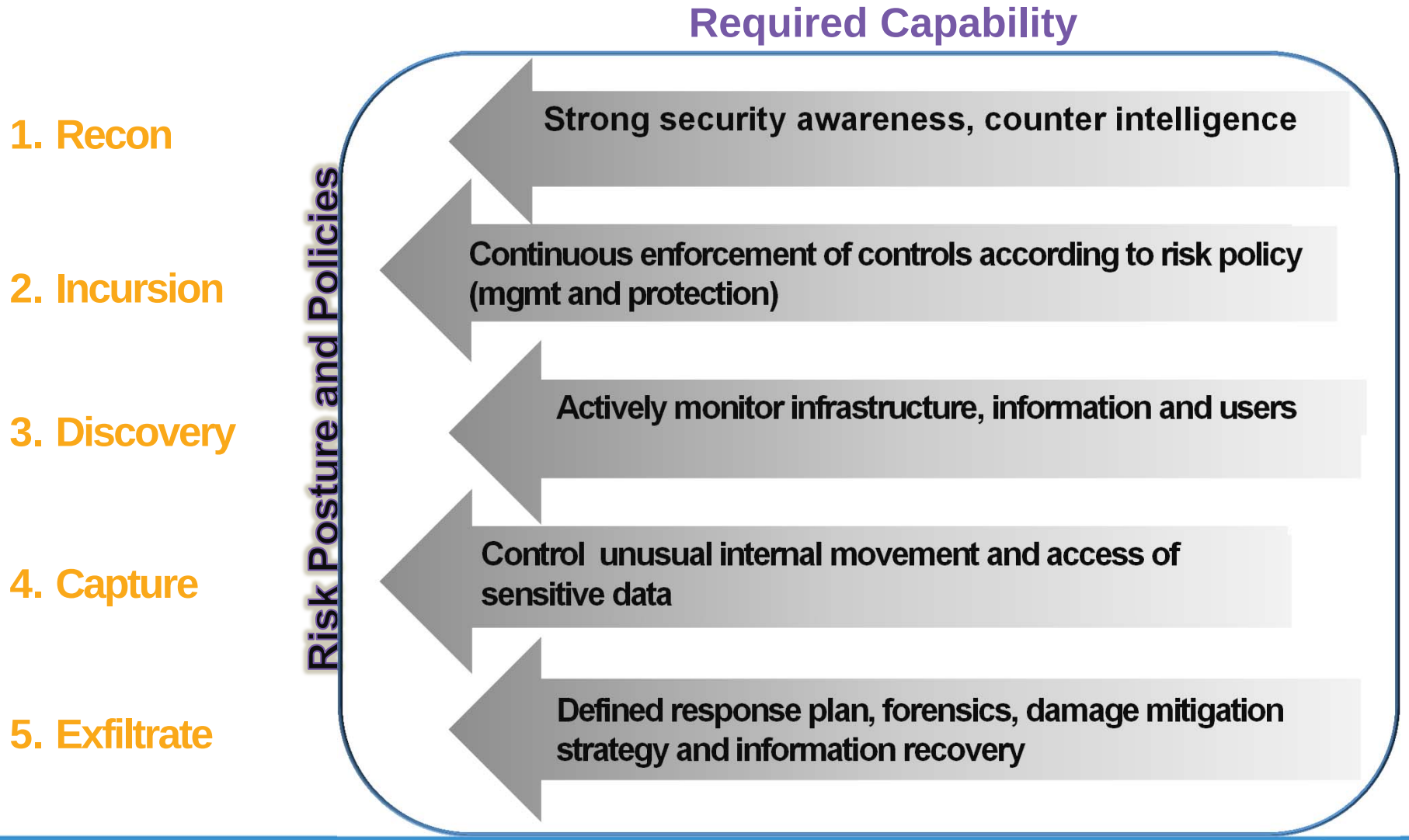
Fundamental Shifts Adding to Business Risk



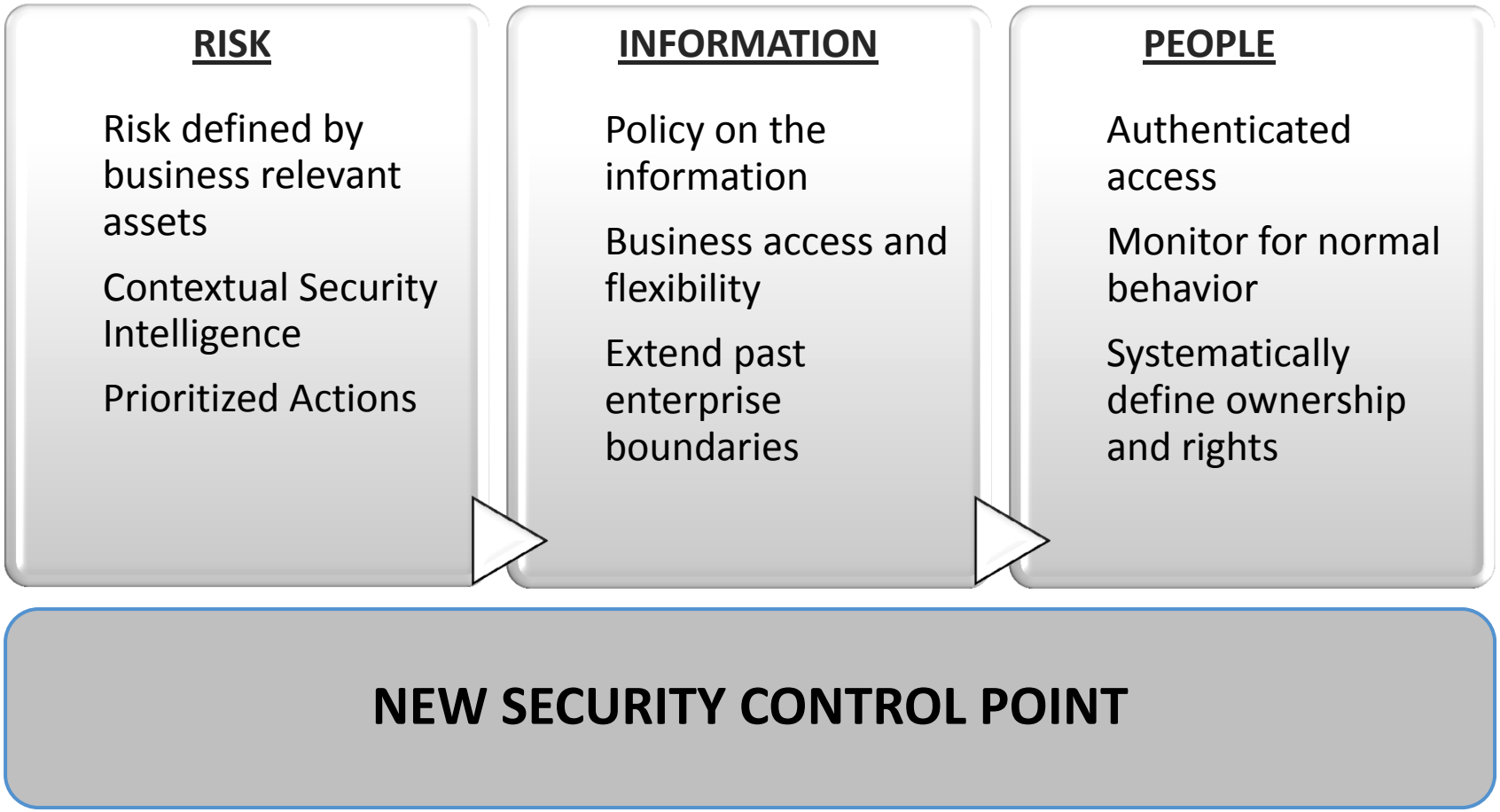
Additional Access and Delivery Models Creates New Security Challenges



A New Defense in Depth: Infrastructure Independent and Adversary Focused



Required Shifts To Drive Success In The New Model



Accenture Overview

Who is Accenture?

- A global management consulting, technology services and outsourcing company.
- Combining unparalleled experience, comprehensive capabilities across all industries and business functions and extensive research on the world's most successful companies, Accenture collaborates with clients to help them become high performance businesses and governments

Quick Facts

- **Net Revenues:** US$25.5 billion for fiscal 2011 (12 months ended Aug. 31, 2011)
- **Exchange/Ticker:** NYSE / ACN
- **Index Memberships:** S&P 500, Russell 1000® Index, *Fortune Global 500*
- **Employees:** More than 244,000
- **Global Reach:** Offices and operations in more than 200 cities in 54 countries
- **Geographic Regions:** Americas, Asia Pacific , Europe / Middle East / Africa (EMEA)

The Accenture Global Delivery Network

Accenture – Unique Challenges

INFORMATION CENTRIC BUSINESS

LARGE DIVERSE GLOBAL WORKFORCE

- Different Modes of Work
- Device Explosion
- Highly Mobile

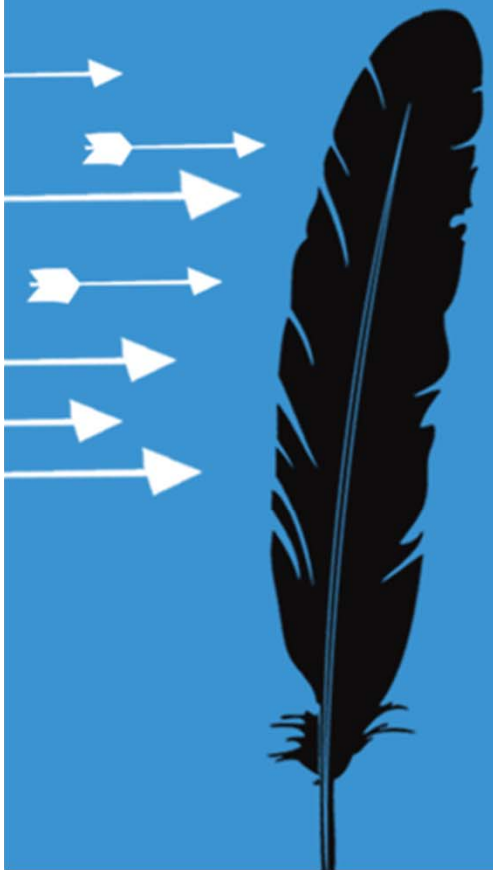
DIVERSE SECURITY REQUIREMENTS

- Industry
- Geography

RAPIDLY EVOLVING

How to Apply What You Have Learned Today

- In the first three months following this presentation you should:
  - Develop a plan to identify your organizations sensitive information
  - Evaluate readiness across each capability
  - Prepare a breach response plan
- Within six months you should:
  - Build a capability development plan



Thank You!

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