

State of the Art

CSO
Perspectives

State of the Art Security

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VP and CSO
ADP





The Changing Face of Security

Roland Cloutier

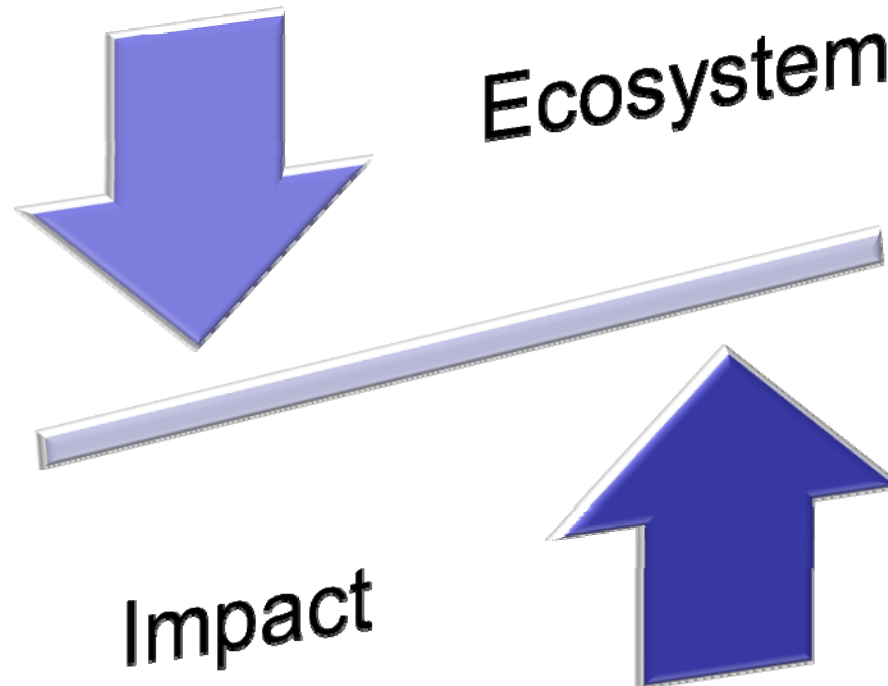
Corporate Vice President, Chief Security Officer
ADP Corporation

The Bottom Line Impact



“...none of these 21st century challenges can be fully met without America's digital infrastructure, the backbone that underpins a prosperous economy and a strong military and an open and efficient government. Without that foundation, we can't get the job done. It's long been said that the revolutions in communications and information technology have given birth to a virtual world.”
~*President Barack Obama, 2009*

The Art: Balance...or an Edge?



How Do You Measure Impact?

- Residual Risk
- Downstream Impact
- Industry
- Impact to national / nation state security
- Global Economic Infrastructure
- Life & Death



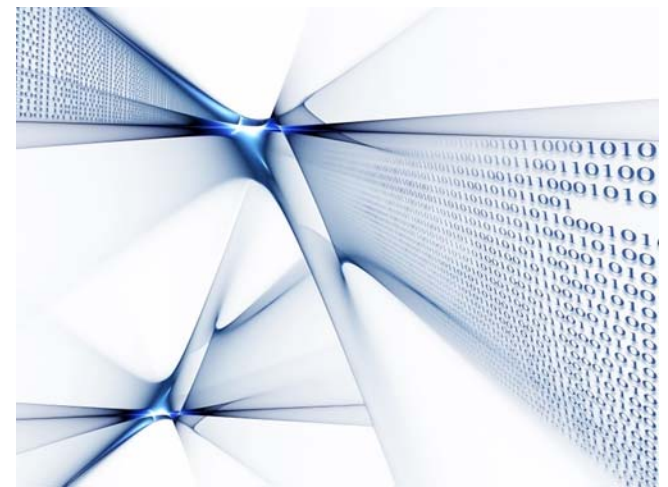
Threat Landscape Evolution

- Threat Actors (Old & New)
- Physical
- Cyber
- Beyond Borders
- Virtualization & Cloud
- Speed of Business Transformation
- Critical Infrastructure & The Private Sector



The Ecosystem

- Integrated Threat Areas
- Industry Partnerships
- Interrelation of threat monitoring, detection, prevention & response
- Security & Protection Platform Rationalization, TCO, & Governance
- Organizational & Leadership Rationalization



Fiscal Imperatives & Opportunities

- What are the constraints?
- How we influence the opportunity for funding?
- Is your budget truly aligned to the business strategy?
 - ❖ Partner with Finance
 - ❖ Look for funding opportunities through business opportunities
 - ❖ Use ERM as a leverage



Leverage



People

Process

Technology

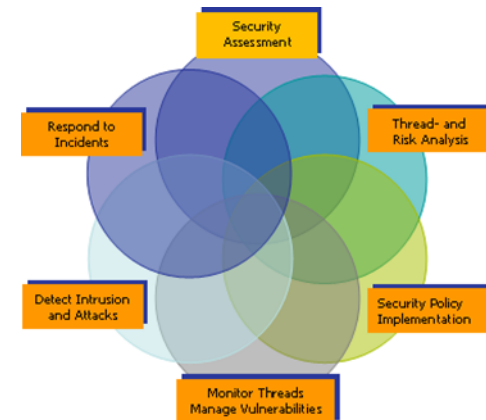
Our People

- Hiring & Attracting
- Exploiting Security Skill set Adjacencies
- Leadership Integration & Accountability



Leveraged Processes

- Risk Tracking & Enterprise Risk Management
 - Organizational ERM
 - Root Cause Tracking
- Assessment & Risk Methodology
 - ITSCC Risk Analysis
 - HLS-CAM
- Incident Response
 - NIMS



Technology

- Risk & Threat Management Platforms
 - Governance Risk & Compliance (GRC)
 - Link Analysis
- Detection & Correlation
 - SIEM / PSiem
 - Fraud & Diversion ID
- Incident Response & Investigative
 - Integrated Response & Crisis Platforms
 - Integration with First Responders (Forensics, Comms, etc)



5 Key Technologies

GRC

SIEM / PSiem

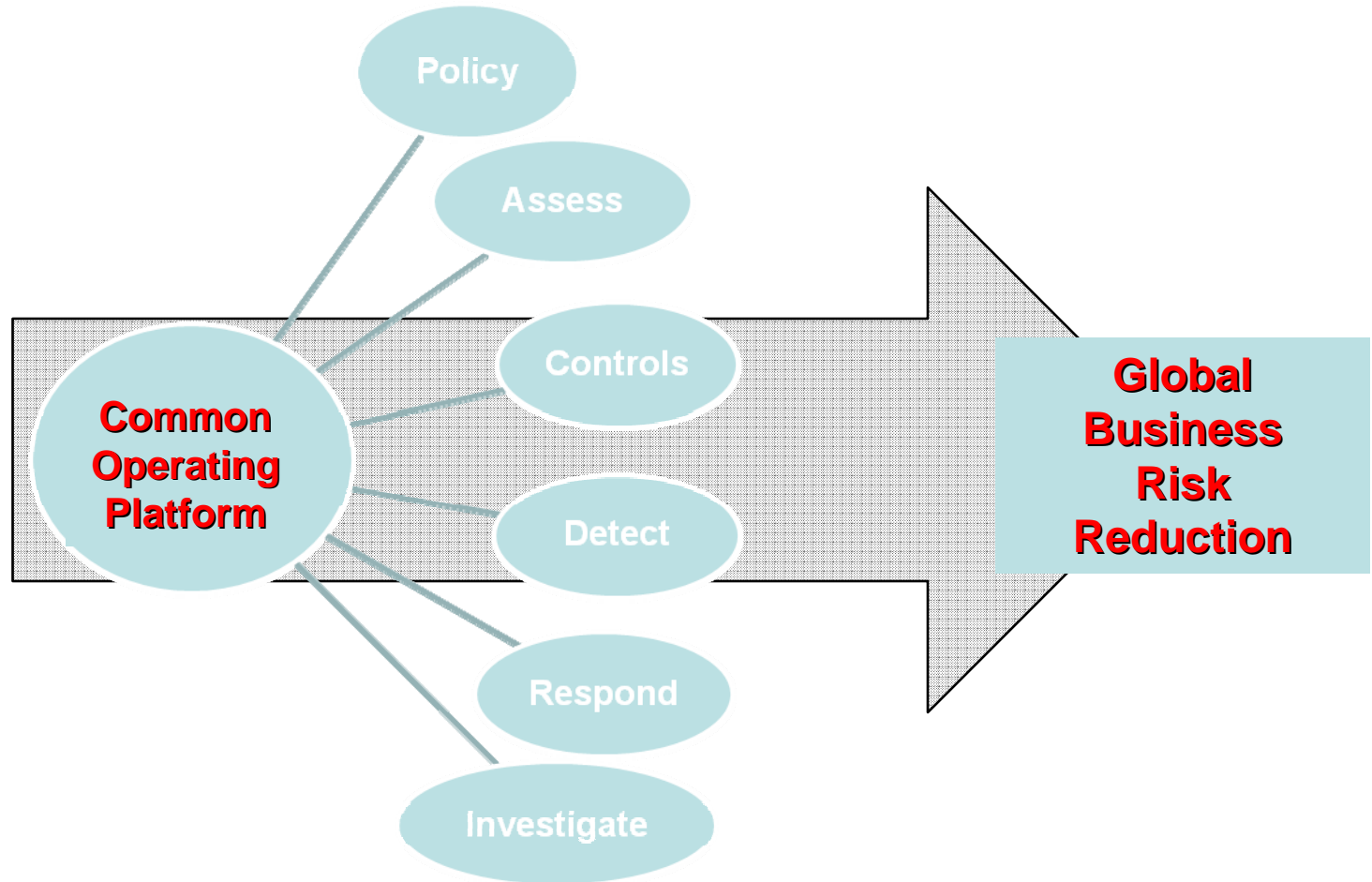
Threat Modeling & Fraud Modeling

DLP

Deep Packet Inspection



One Machine



InfoSec – Risk Management – Investigations – Travel Security – Workforce Protection - Business Resiliency –
Forensics – Crisis Management – Product Security

Extending the Machine

- Information Sharing that Works
 - Information Sharing & Analysis Centers
- Intelligence that Works
 - National Cyber-Forensic & Training Alliance
- Law Enforcement that Works
 - U.S. Attorney's Office
 - Interpol
 - Fusion Centers



What's the Opportunity?

- Resource Leverage
- Protection Coverage
- Ability to better see & understand your threat environment
- Ability to defend & respond
- Ability to positively affect & Impact your business

What will your Impact Be?

- Market Revenue Growth
- Brand Integrity & Trusted Partner
- Ensure a solid economic environment
- Solidifying the integrity of our critical infrastructure
- Protecting the World's way of life



Your Challenge



Be a Leader

You Decide What Type....