



RSA<sup>®</sup> CONFERENCE  
EUROPE 2012

Tom Heiser

President, RSA

The Security Division of EMC

**Intelligence-based Security**

**TODAY'S REALITY**



**Intelligence-based Security**

**TODAY'S REALITY**



# Reconsider OUR RISKS



**Re-think**

**DETECTION STRATEGIES & DEPLOY CONTINUOUS MONITORING**



# Harden Authentication & TIGHTEN ACCESS CONTROLS



**EDUCATE...**  
**EDUCATE... EDUCATE**



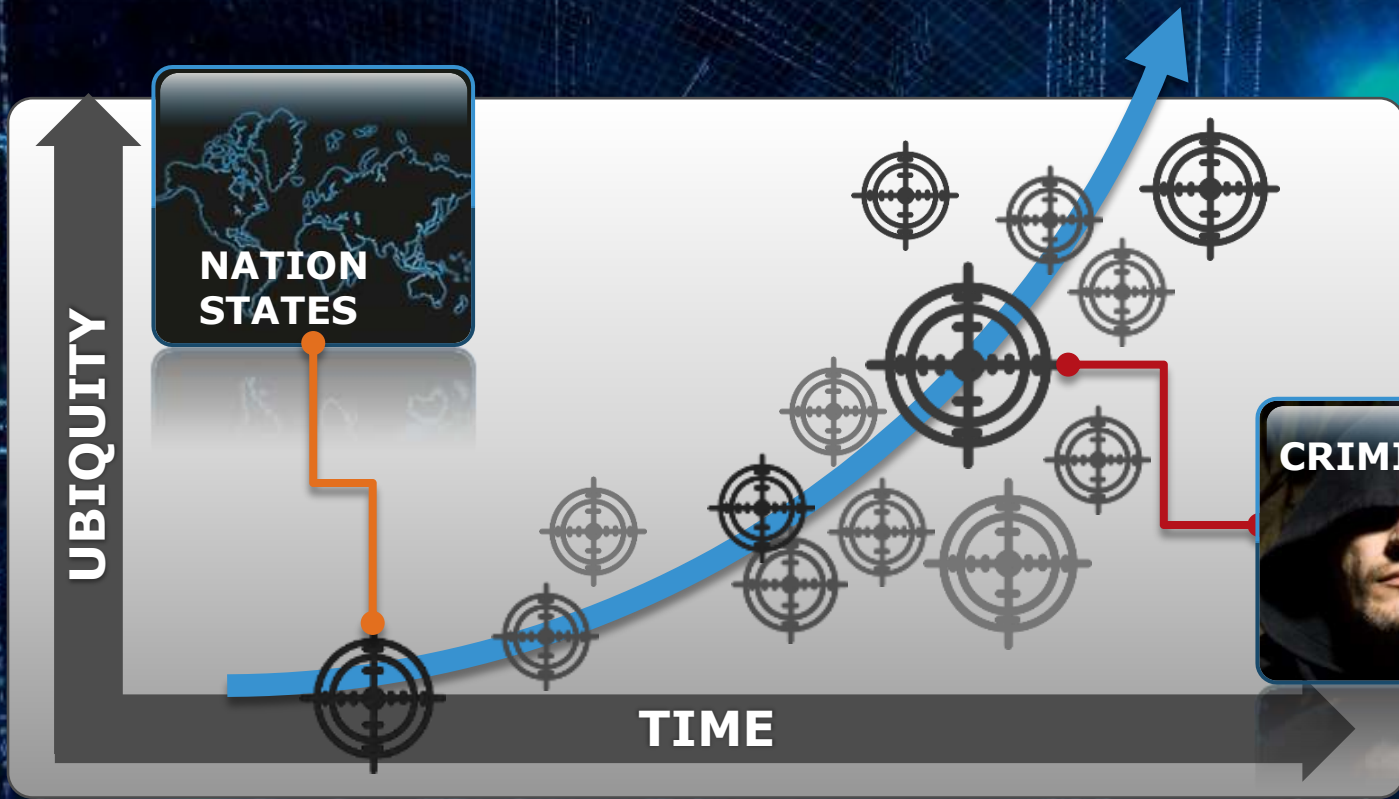


# NEW TOOLS & TACTICS

Inevitability of Compromise

**DOESN'T EQUATE TO ACCEPTING LOSS**





# Moore's Law

# Flame and Stuxnet Cousin Targets Lebanese Bank Customers, Carries Mysterious Payload

-Wired Magazine

# Changing Models



# Changing Models

Traditional Security

**Signature-  
Based**

**Perimeter  
Oriented**

**Compliance  
Driven**



# Changing Models

Advanced Security

**Agile**

**Contextual**

**Risk-Based**



# Changing Models

**to Intelligence-Based Security**



# Four Levels of Cyber Maturity



**Control**

**Compliance**

**IT Risk**

**Business  
Risk**

**MATURITY**

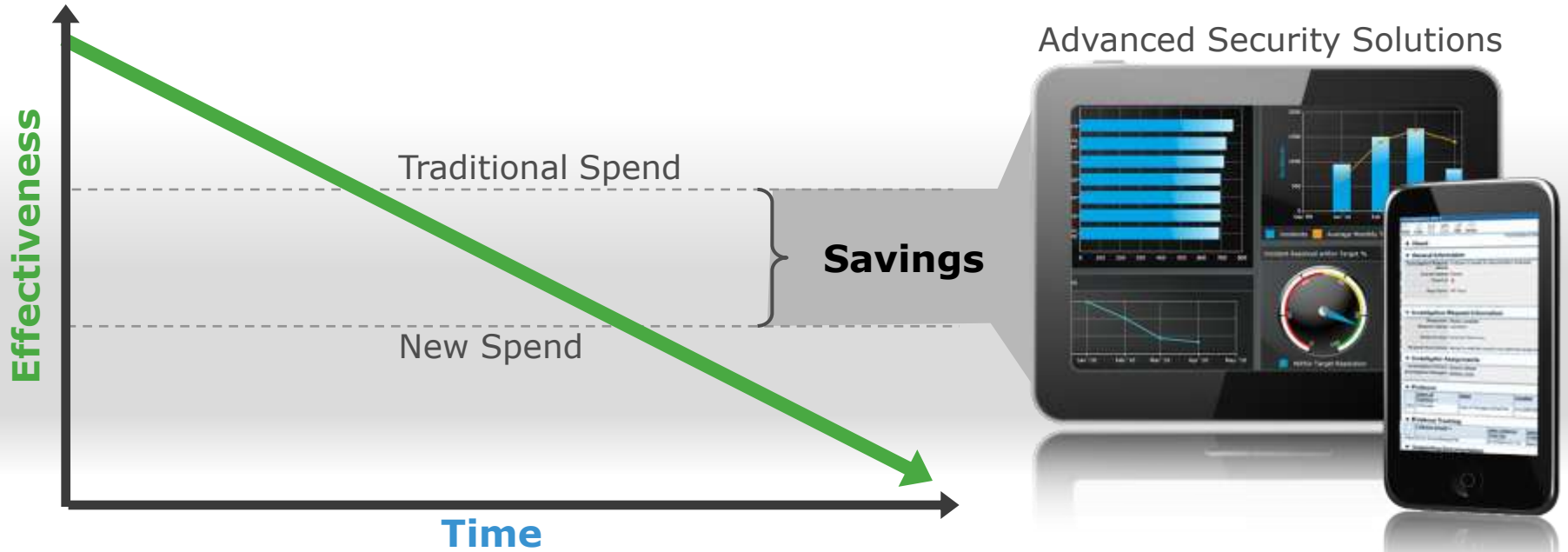


# Reduce Dwell Time





# Budget Redistribution

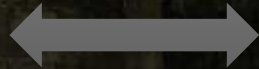


Re-allocate Spend  
to More Advanced Security Solutions



# Nation States & Cyber Criminals have a better framework for sharing

**CRIMINALS**



**NATION  
STATE  
ACTORS**



“Cyber gang seeks botmasters to wage **massive wave of trojan attacks** against U.S. Banks”





**Boardroom Conversation**  
**Policy & Business Risk**



**Boardroom Conversation**  
**Policy & Business Risk**

# Balancing Compliance & Risk





# Compliance & Security Talent



# The Digital World



# Security for Business Innovation Council

**ASIS**  
**DR. MARTIN STOKES**, Senior Vice President, Chief Information Security Officer  
**ASIS Inc.**

**WILSON COLVIER**, Vice President, Chief Security Officer  
**Aeris**

**FRIZO WILSON**, Senior Vice President and Global Chief Information Security Officer  
**Avira America**

**ERSON STEIGLUND**, Global Head of Security  
**The Coca-Cola Company**

**BREND HETTRICH**, Chief Information Security Officer  
**edify**

**LEANNIE TULLY**, Senior Chief Information Security Officer  
**Global Information Security**

**EMC**

**DAVE MARTIN**, Vice President and Chief Security Officer  
**EMC**

**BERNIE D. WOOD**, Corporate Vice President, Information Security  
**Global Chief IT Risk Officer**  
**Intel**

**MALCOLM BARKING**, Vice President and Chief Information Security Officer, General Manager, Information Risk and Security  
**NOBC Bank**

**VINCENT WATTS**, Chief Information Security Officer and Senior Vice President  
**TECHSOURCE**

**ROBERT BIEDER**, Chief Head of Information Security  
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**MARSHY R. ALLAM**, Worldwide Vice President of Information Security  
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**THE MANSOURY**, Vice President and Chief Information Security Officer  
**SAP AG**

**ALFRED BALDWIN**, Vice President IT Security & Risk Officer  
**TELUS**

**KENNETH HARRINGTON**, Vice President and Chief Security Officer  
**T-Mobile USA**

**WILLIAM WINK**, Corporate Information Security Officer (CISO) and Vice President, Enterprise Information Security  
**Webster Financial**

**JAMES R. WOODRUFF III**, Chief of the Chief Information Security Officer  
**Wells Fargo**

An industry initiative sponsored by **RSA**

Report based on discussions with the

## Security for Business Innovation Council

# REALIZING THE MOBILE ENTERPRISE

*Balancing the Risks and Rewards of Consumer Devices*



### RECOMMENDATIONS FROM GLOBAL 1000 EXECUTIVES

#### INSIDE THIS REPORT:

- The outlook for risks in the mobile space
- Five recommendations for managing mobile risks
- Mobile security action plan
- Strategies for long-term planning
- Requirements for mobile enterprise apps
- A BYOD agreement checklist

**Intelligence-based Security**

**TODAY'S REALITY**





analytics



Incident response



Adaptive controls

