



Information Security Shake Up: What to Expect in 2013

*The Security for Business Innovation Council
and RSA forecast developments to watch*

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Black Hat Webcast, 20 Dec. 2012

Security for Business Innovation Council's 2013 Trends Report


- **Marene Allison**, Worldwide Vice President of Information Security, Johnson & Johnson
- **Anish Bhimani**, Chief Information Risk Officer, JPMorgan Chase
- **William Boni**, Corporate Information Security Officer (CISO) and Vice President, Enterprise Information Security, T-Mobile USA
- **Roland Cloutier**, Vice President, Chief Security Officer, Automatic Data Processing, Inc.
- **Dr. Martijn Dekker**, Senior Vice President, Chief Information Security Officer, ABN Amro
- **Jerry Geisler**, Office of the Chief Information Security Officer, Walmart Stores Inc.
- **Renee Guttmann**, Chief Information Security Officer, The Coca-Cola Company
- **Malcolm Harkins**, Vice President and Chief Information Security Officer, General Manager, Information Risk and Security, Intel
- **Kenneth Haertling**, Vice President and Chief Security Officer, TELUS
- **Petri Kuivala**, Chief Information Security Officer, Nokia
- **Dave Martin**, Vice President and Chief Security Officer, EMC Corporation
- **Tim McKnight**, Executive Vice President, Enterprise Information Security & Risk, Fidelity Investments
- **Felix Mohan**, Senior Vice President and Global Chief Information Security Officer, Airtel
- **Bob Rodger**, Group Head of Infrastructure Security, HSBC Holdings plc.
- **Ralph Salomon**, Vice President IT Security & Risk Office, SAP AG
- **Vishal Salvi**, Chief Information Security Officer and Senior Vice President, HDFC Bank Limited
- **Simon Strickland**, Global Head of Security, AstraZeneca
- **Leanne Toliver**, Interim Chief Information Security Officer, Global Information Security, eBay
- **Denise Wood**, Corporate Vice President, Information Security, Chief Information Security Officer, Chief IT Risk Officer, FedEx Corp.

A Special Report by the

Security for Business Innovation Council

INFORMATION SECURITY SHAKE-UP:

Disruptive Innovations to Test Security's Mettle in 2013



FEATURING THE PERSPECTIVES OF C-LEVEL SECURITY EXECUTIVES FROM:

ABN Amro	Coca-Cola	Fidelity Investments	Johnson & Johnson	TELUS
ADP, Inc.	eBay	Intel	JPMorgan Chase	T-Mobile USA
Airtel	EMC	HDFC Bank	Nokia	Walmart
AstraZeneca	FedEx	HSBC Holdings plc.	SAP AG	

An industry initiative sponsored by RSA

2013: The Shake-up Continues

- The threat landscape continues to become more complex
 - Criminal hackers continue getting better, faster—and more collaborative
 - New nations entering the mix with better cyber weapons and tactics
 - Anonymous, insiders, etc.
- Business imperatives: Cloud, social media and mobile technologies expand enterprise risks
- Security gaps: Support, training, technology, process
- Continued pressure on governments to act on our collective behalf ... and continued governmental inaction
- Major security event? Conditions are ripe for something much worse than theft or espionage



2013: Rapid Transformation Required

- Accelerate “Intelligence-driven Security” approaches with big data analytics
 - SOC, GRC, IAM
- Develop consultative role for security within the business
 - What really matters?
- Court middle management to gain full support for security initiatives
 - These people really care!
- Enhance supply chain acuity and awareness
 - Where are you in the supply chain?
- Innovate to close security gaps opened by cloud, mobile and social media



SBIC Guidance: Adapting Security for Cloud Computing

- Make the case to earmark IT funds freed up by moving to cloud computing for information-security oversight
- Plan to increase resources for cloud vendor management and ensure your team has skills to evaluate software controls and to secure virtualized environments
- Segregate controls implementation from controls assurance to ensure impartial oversight
- Investigate the possibility of sharing cloud vendor assessments with a small number of trusted partners to reduce redundancy and costs
- Leverage technologies that can perform automated assurance, continuous monitoring and provide visibility into cloud environments such as GRC solutions
- Investigate next-generation encryption solutions that can be used to protect sensitive data in the cloud
- Align plans for an extended “internal” control system with external auditors at an early stage



SBIC Guidance: Adapting Security for Social Media



- Establish a multidisciplinary team to develop a social media risk management strategy, setting clear policies addressing code of conduct, organizational responsibilities and incident response
- Deliver ongoing end-user awareness training programs, including educating employees on what is appropriate to post on social channels and monitor employees' social media activities
- Monitor social media for threat intelligence and for public-facing threats such as brand hijacking, malware and misrepresentation
- Conduct crisis management drills and exercises to test and improve responsiveness
- Set up Facebook/Twitter accounts for corporate leaders to pre-empt falsified accounts

SBIC Guidance: Adapting Security for Enterprise Mobility

- Establish mobile governance plan, setting goals and acceptable risk levels
- Create action plan built for change—plan for a 12- to 18-month horizon
- Use encryption, MDMs and remote wipe to secure data on devices, but try not to store data on devices at all (VDI)
- Build security into mobile programs at the forefront, not as an afterthought
- Good luck! 😊



THANK YOU

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