

BusinessConnect and SolutionsConnect

It's time to make bold moves.

Next generation mobile security innovation

Chris Hockings – IBM Master Inventor



Where am I from?



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Mobile demand explodes, so security naturally follows



Mobile is an exciting opportunity, must be balanced with security controls



In 2014 the number of cell phones (7.3 billion) will exceed the number of people on the planet (7 billion).¹



Mobile downloads will increase to 108 billion by 2017.²



Mobile devices and the apps we rely on are under attack. 90% of the top mobile apps have been hacked.⁴



Business must adapt and re-posture access for mobile



Traditional Solutions must transform to the reality of a new perimeter



What's really stopping your adoption of cloud and mobile?

Tips and advice from top CISOs and security leaders

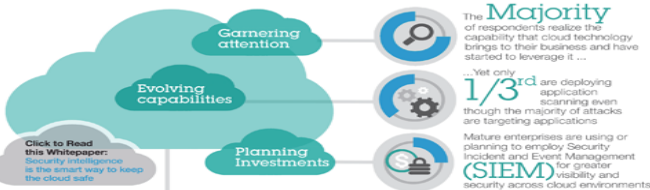
68%
see security in the cloud and data privacy as a critical business concern



76%
are worried about the theft of mobile devices and the loss of sensitive corporate data



Mastering Security is key to the adoption of cloud and mobile technology



Click to Read this Whitepaper: Security intelligence is the smart way to keep the cloud safe

#1
Mobile security is the technology investment area



Gaming attention

Over **3/4**
have a mobile management capability and an inventory of devices

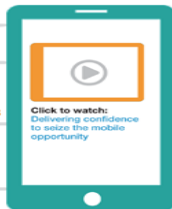


Evolving capabilities

Leading areas for mobile include an enterprise strategy for **BYOD** and an incident response policy for personally owned devices



Planning Investments



Click to watch: Delivering confidence to seize the mobile opportunity

Develop a Multi-layer Strategy Gain Visibility and Intelligence Say Yes to Innovation



Download the 2013 CISO assessment



Visit IBM Cloud Security



Visit MobileFirst Security

For more information visit **IBM Center for Applied Insights**
www.ibm.com/ibmca/ciso



“Mobile security is the #1 technology investment area.”

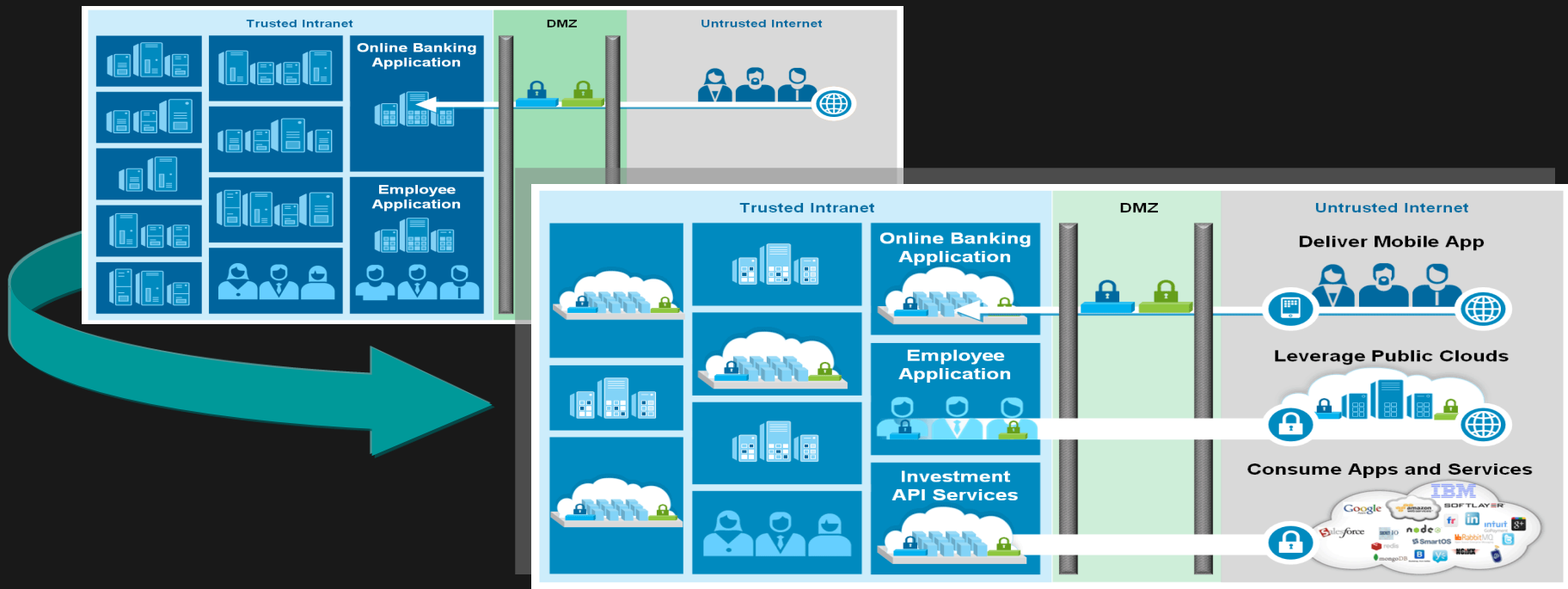
“Although many are planning to develop an enterprise strategy for mobile security (39%), a significant number have not done so yet (29%).”



Mobile and Social is changing the way we view the perimeter



Intelligently and consistently consider Clients beyond the Browser, i.e. mobile, applications





Imperatives for securing the mobile enterprise



The CIO has a broad set of risk mitigation techniques that need prioritizing



- Mitigate security risk across devices, applications, content and transactions
- Monitor enterprise security across all endpoints
- Manage mobility across the enterprise

IT
Operations



Line-of-Business
Application Developer



Security
Specialist



Device Security

Content Security

Application Security

Transaction Security

IBM Mobile First powered by...



IBM Mobile Security Solutions



IBM Security
AppScan



IBM Security
Access Manager

Trusteer
an IBM Company

IBM Mobile Security Services



Security Intelligence



IBM QRadar Security
Intelligence Platform



Safeguard mobile, cloud and social interactions with the new ISAM for mobile



- **Challenge:** Provide secure access to mobile apps and reduce the risks of user access and transactions from the mobile devices.
- **Solution:** Deliver mobile single sign-on and session management, enforce context-aware access and improve identity assurance.
- **Key benefits**
 - Protects the enterprise from high risk mobile devices by integrating with **Trusteer** Mobile SDK
 - Built-in support to seamlessly authenticate and authorize users of **Worklight** developed mobile applications
 - Enhances security intelligence and compliance through integration with **QRadar** Security Intelligence
 - Protects web and mobile applications against OWASP Top 10 web vulnerabilities with integrated **XForce** threat protection
 - Reduces TCO and time to value with an “**all-in-one**” access appliance that allows flexible deployment of web and mobile capabilities as needed

An interview with Frank Cammaroto

Head of Technology

Identity and Enterprise Services





Added Risk-aware application and risk-based mobile transaction assessment



- **Challenge:** Compromised devices and applications create fraud risk and an insecure environment.
- **Solution:** Dynamically detect device risk factors and capture the underlying device.
- **Key benefits**
 - Accurately detects device risk factors
 - Allows or restricts sensitive mobile application functions based on risks
 - Mobile transaction risk can be correlated with cross-channel risk factors to detect complex fraud schemes.
 - Promotes comprehensive risk assessment and secure application development
 - Helps secure transactions from devices to the back office
 - Integrates with IBM Worklight projects





Intelligence

Use insights and analytics to build smarter defenses

- Use intelligence and anomaly detection across every domain
- Build an intelligence vault around your crown jewels
- Prepare your response for the inevitable

Innovation

Proactively implement and optimize security to innovate faster

- Own the security agenda for innovation
- Embed security on day one
- Leverage cloud, mobile, social, and big data to improve security

Integration

Develop an integrated approach to stay ahead of the threat

- Develop a risk-aware security strategy
- Deploy a systematic approach to security
- Harness the knowledge of professionals