## What are we seeing? Key Findings from the 2012 Trend Report

#### **Progress in Internet Security**

- Significant decrease of PDF vulnerabilities
- Fewer exploit releases
- Better patching

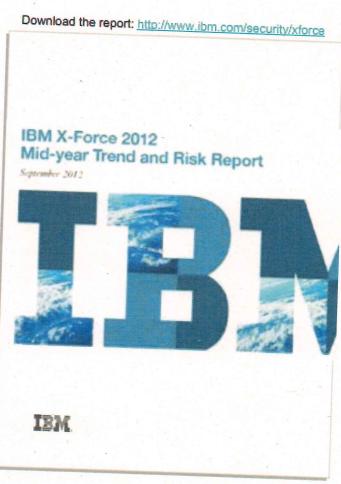
#### But..

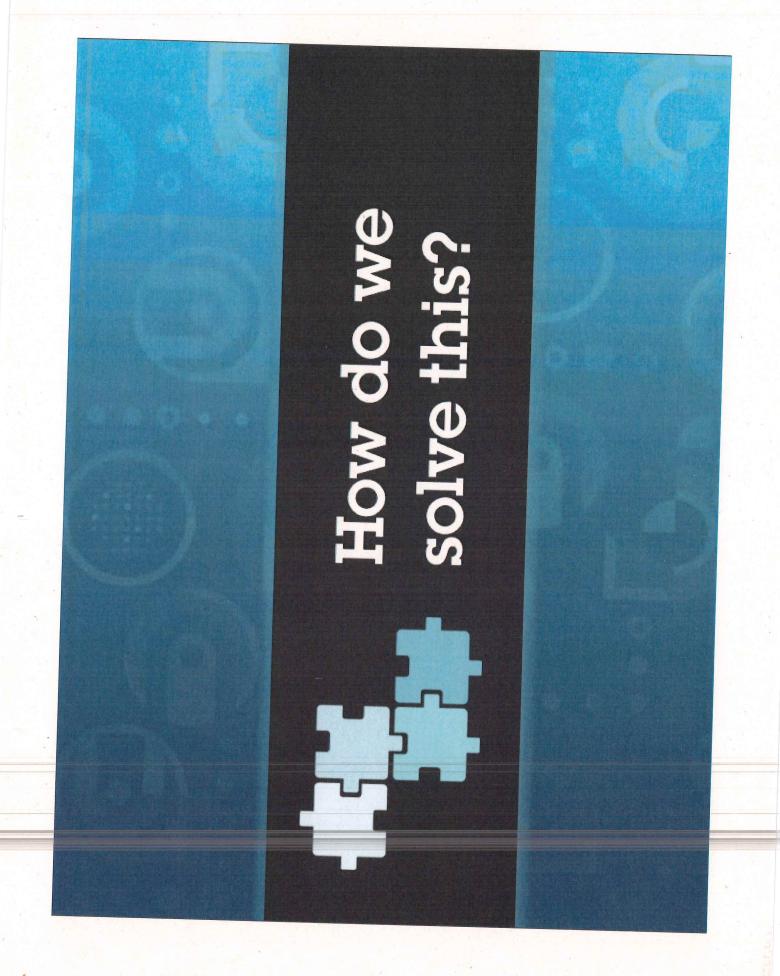
#### **New Attack Activity**

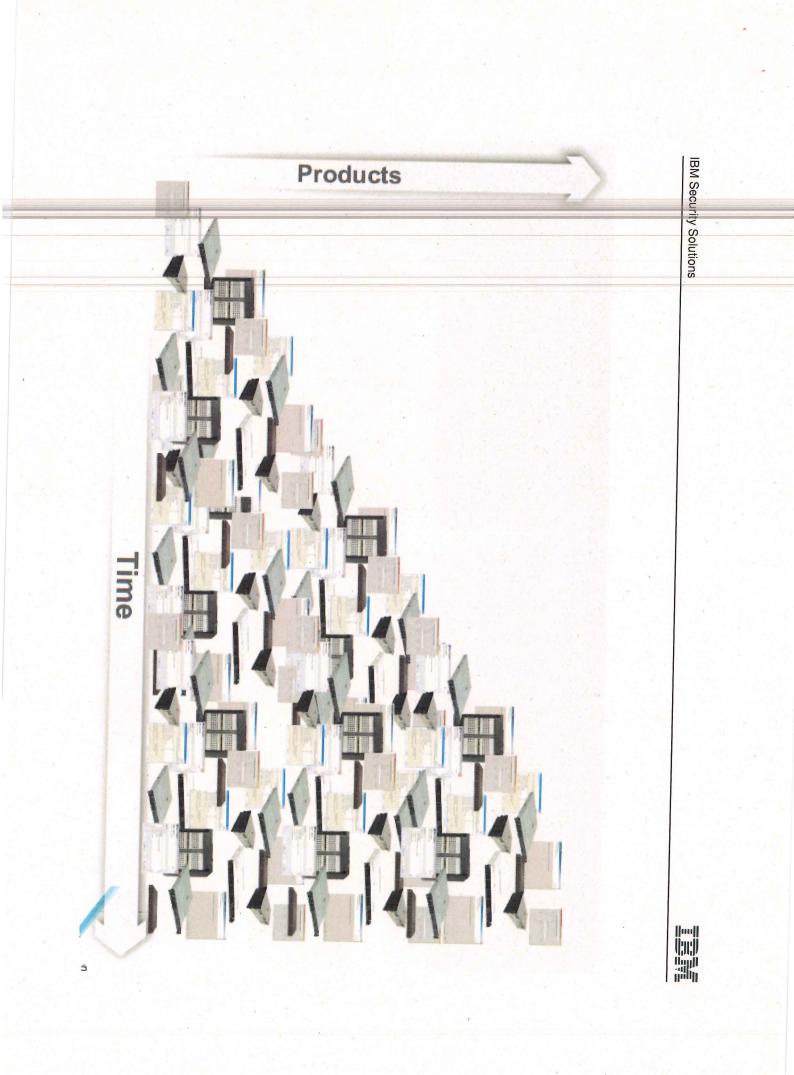
- MAC APT and Java exploits surface
- Password leaks raise renewed awareness
- SQL injection most preferred attack type
- XSS tops at 51% of all web app vulnerabilities

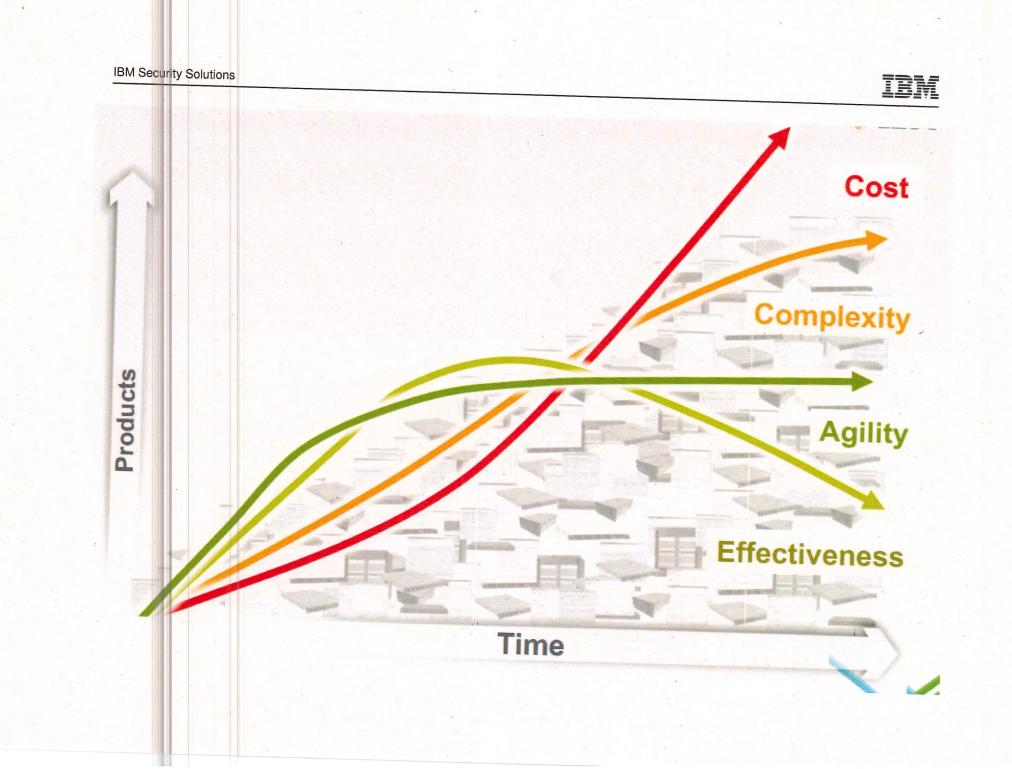
### The Challenge of Mobile BYOD

- Patching of mobile devices a real challenge
- CISOs say mobile security is greatest near-term technology concern



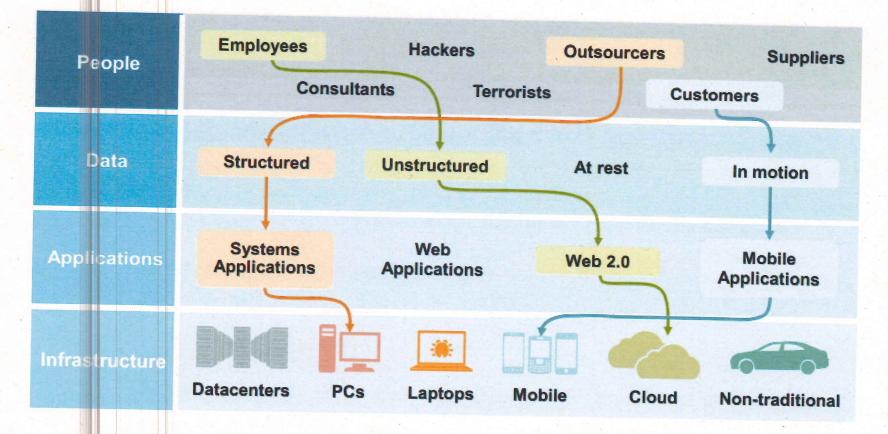








### The attack surface is growing exponentially



77% of firms feel cyber-attacks harder to detect and 34% low confidence to prevent

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# IBM Security Point Of View : shift from point product to integrated enterprise defense

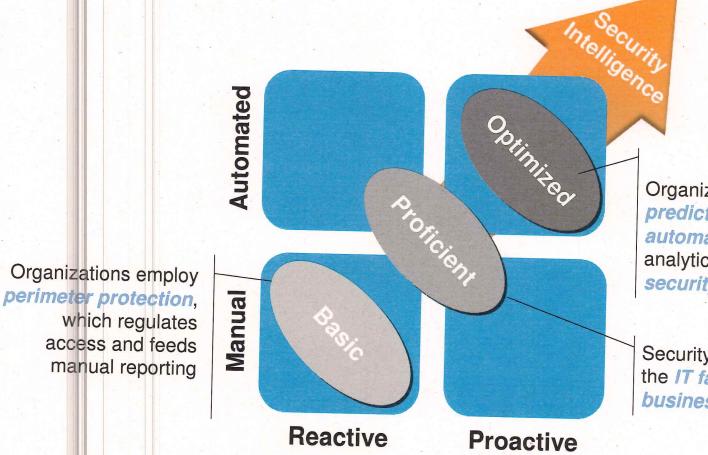
Security will shift from a point product approach to an integrated enterprise approach, based on key foundational elements that allow for active management, real time information, analytical correlation, and predictive threat management

Security Domains	Today	Tomorrow			
People	Manage identities per application	Deploy and priv	r role-based governance ileged user management	and	
Data	Deploy access control and encryption	Monitor u	isage and control leakage	Apply advanced correlation and deep analytics	
Applications	Scan for vulnerabilities	Build s	Monitor usage and control leakage Build securely from day one		
Infrastructure	Block unwanted network access and viruses		me advanced threat detection and forensics	Apply	
21	Reactive		> Proactive © 2012 IBM Co	rporation	

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### A "New Normal" led by Security Intelligence

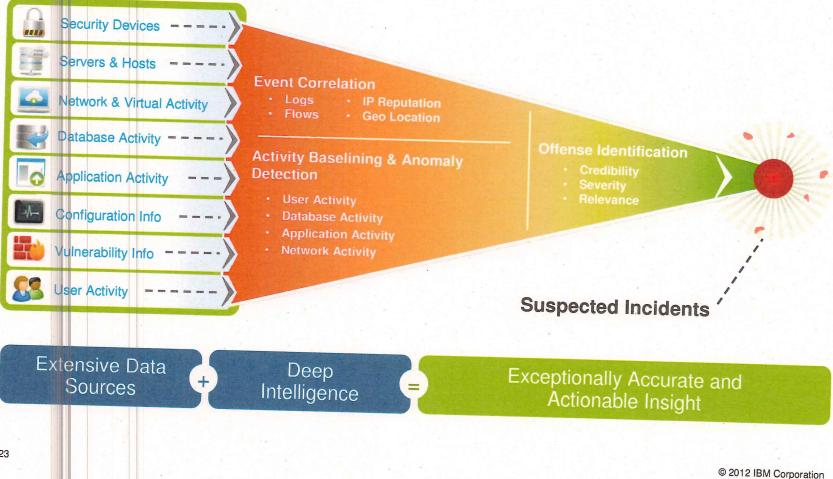


Organizations use predictive and automated security analytics to drive toward security intelligence

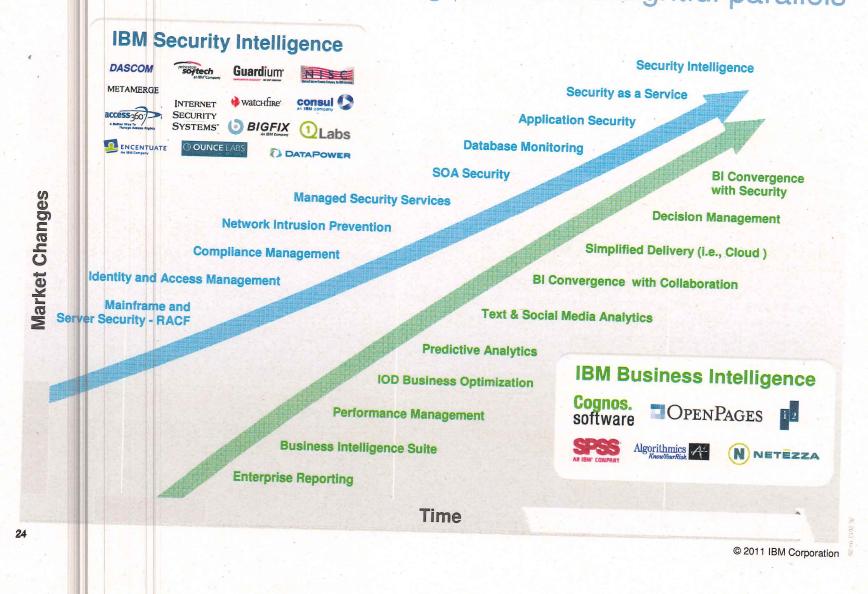
Security is layered into the *IT fabric* and *business operations* 

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### Full Visibility and Actionable Insight for Total Security Intelligence



Security and Business Intelligence offer insightful parallels



### Security Intelligence





#### From

Log collection and signature based detection.

То

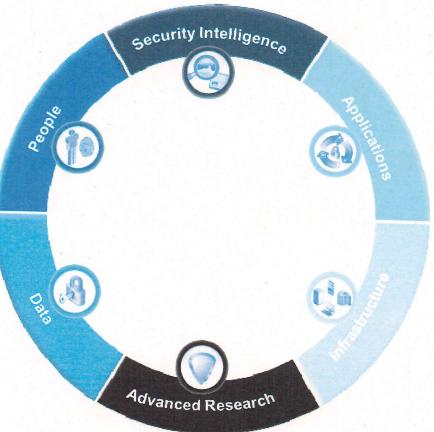


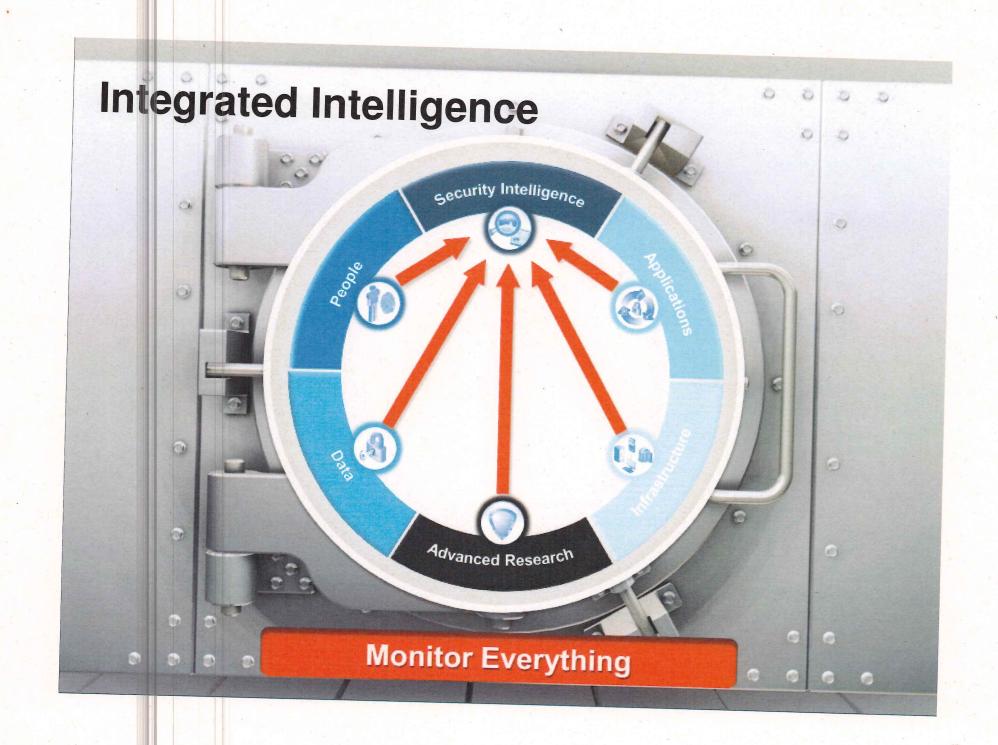
- Context-aware anomaly detection.
- Automated correlation and analytics

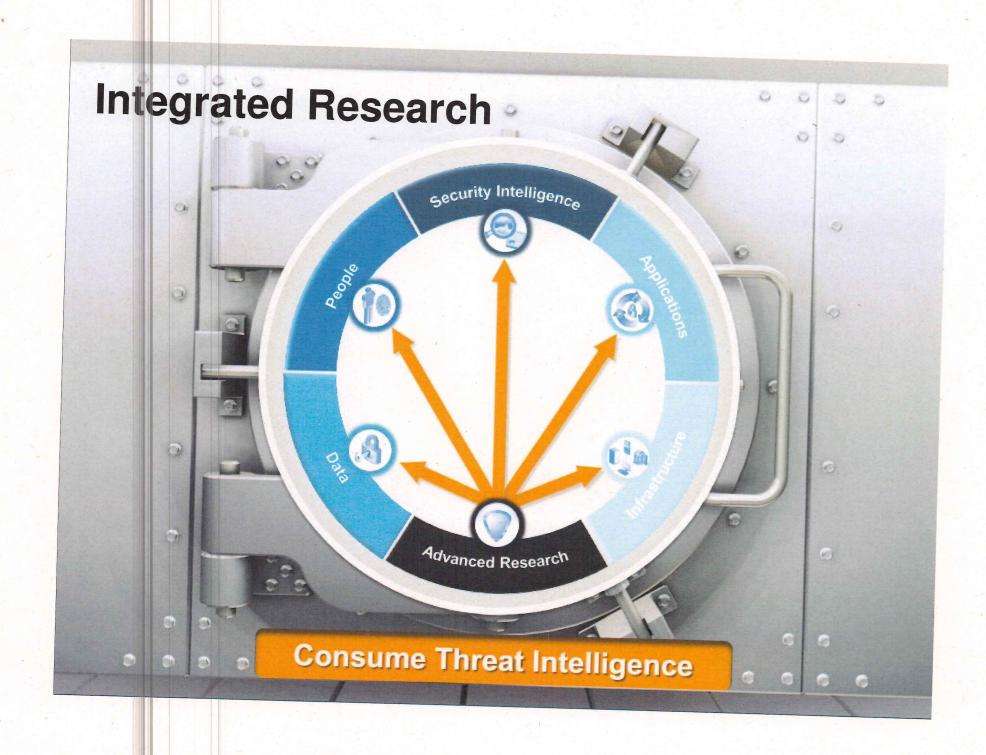
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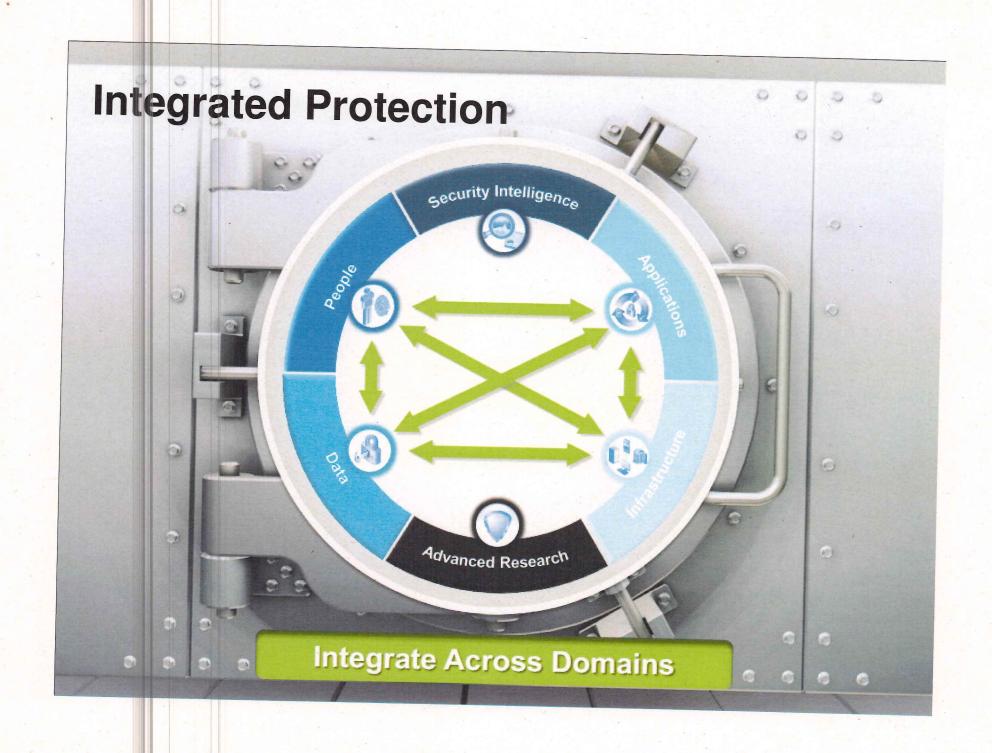
## Integration of the IBM Security Framework provide incremental security value











3rd Party Ecosystem

### Integration: Increase security, collapse silos, and reduce complexity

Integrated Intelligence.

Gecurity Intelligence

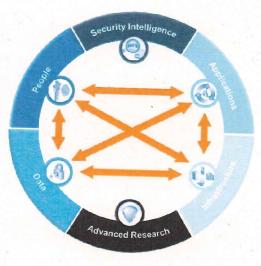
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Integrated Research.

Security Intelligence

( In

Integrated Protection.



- Customize protection capabilities to block specific vulnerabilities using scan results
- Converge access management with web service gateways
- Link identity information with database security

 Consolidate and correlate siloed information from hundreds of sources

Advanced Research

- Designed to detect, notify and respond to threats missed by other security solutions
- Automate compliance tasks and assess risks

 Stay ahead of the changing threat landscape

Advanced Research

- Designed to detect the latest vulnerabilities, exploits and malware
- Add security intelligence to non-intelligent systems

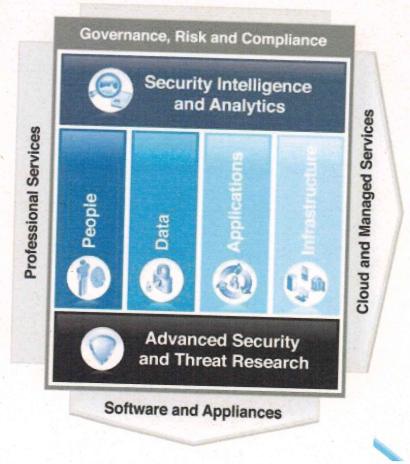
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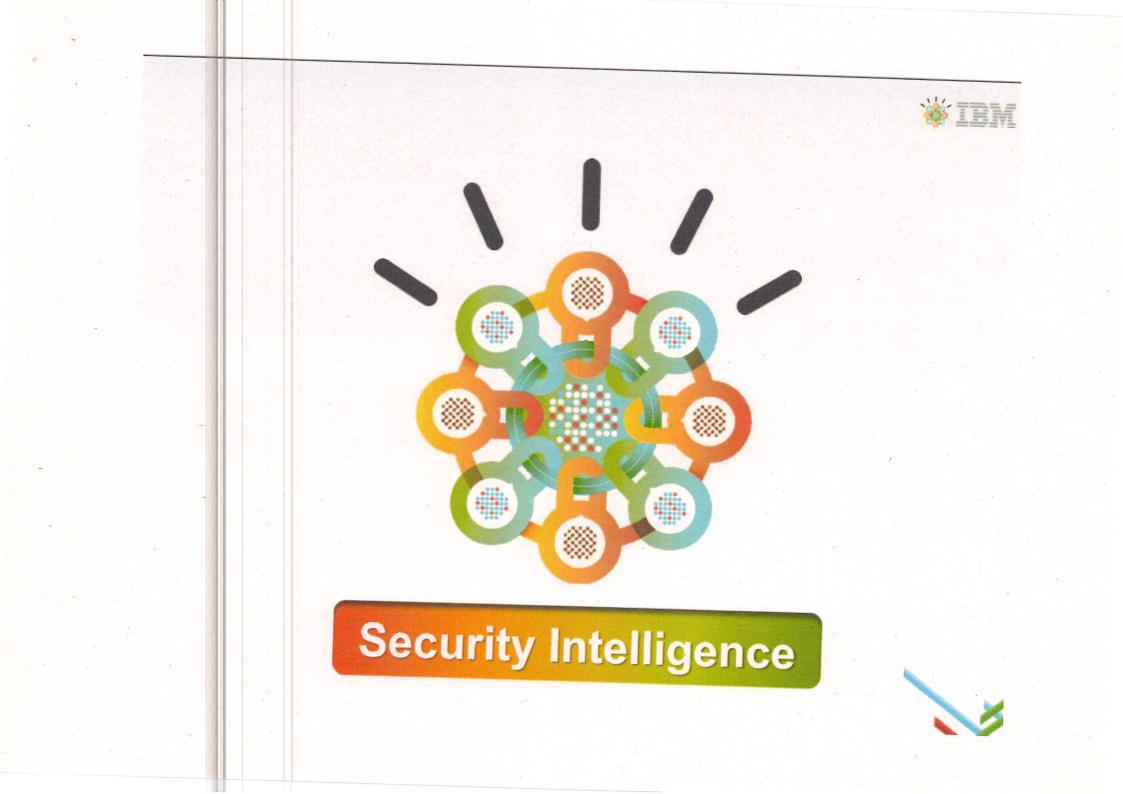
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# Security Intelligence delivered through a comprehensive framework

# Intelligence Integration Expertise





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