IBM Security Solutions

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PCTY2011

Pulse Comes to You

Optimising the World's Infrastructure
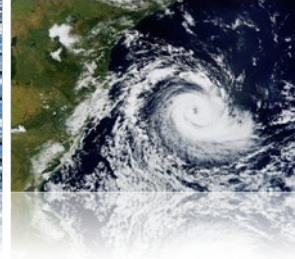
The Planet Is Getting More…

Smart Supply Chains

Smart Countries

Smart Retail

Smart Water Management

Smart Weather

Smart Energy Grids

INSTRUMENTED

INTERCONNECTED

INTELLIGENT

Smart Oil Field Technologies

Smart Regions
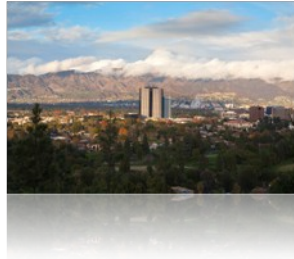
Smart Healthcare

Smart Traffic Systems

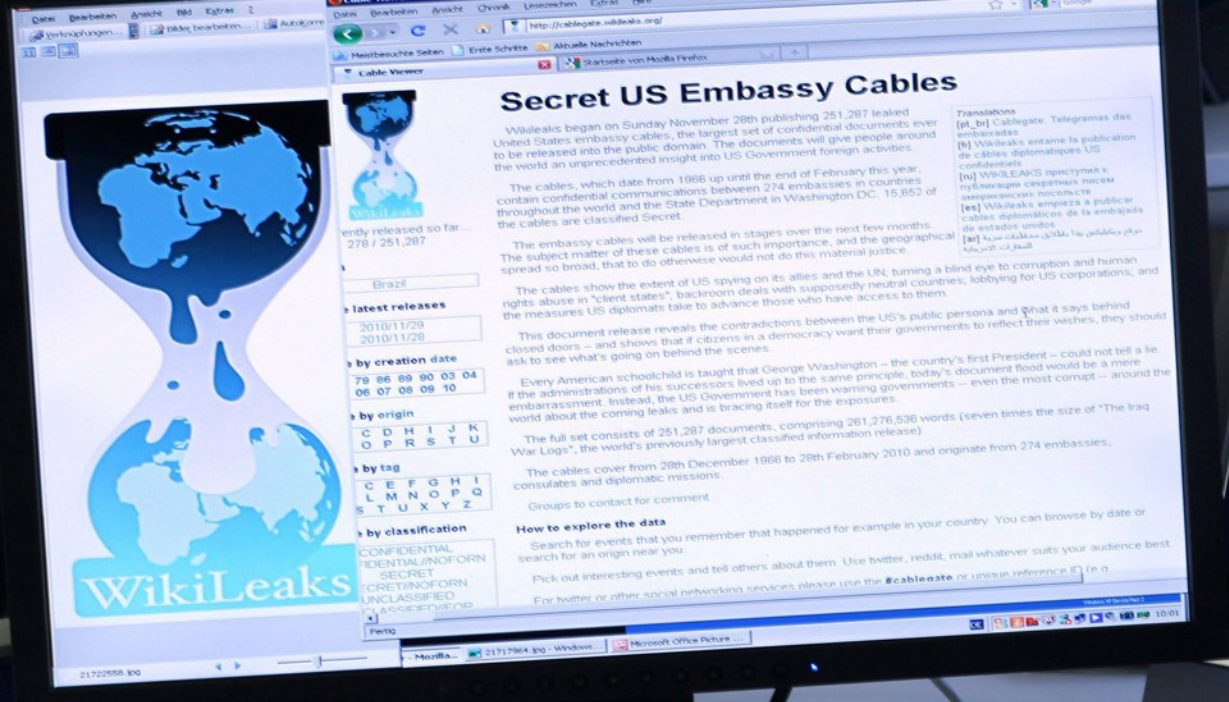**Smart Cities**

Smart Food Systems
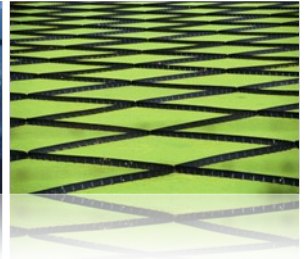
Is Security Keeping Pace?

A US Army soldier said he would come to work at an Army base outside Baghdad with rewritable CDs "labeled with something like Lady Gaga" and quietly transfer tens of thousands of secret records.

Stuxnet turned up in industrial programs around the world. But experts dissecting it soon determined that it had been precisely calibrated in a way that would send nuclear centrifuges wildly out of control, adding to suspicions that it was meant to sabotage Iran's nuclear program.

Epsilon, which sends 40 billion emails annually on behalf of more than 2,500 clients, said a subset of its' clients customer information was compromised by a data breach. Several prominent banks and retailers acknowledged that their customers' information might be at risk.

The health care industry continues to incur security breaches costing them £3.8bn a year.

Where Is Security Going?

IBM X-Force® 2010
Trend and Risk Report

March 2011

INTERNAL THREATS
Will continue to rise as the use of mobile devices and smart phones that access the network, and the number of employees who inadvertently fall prey for cyber-criminals, both go up. The organization must find new ways to ensure that its resources are not compromised
from internal threats.

GOVERNMENT REGULATION
Greater emphasis on compliance creates new complexities with regards to market entry, safety, protection of critical infrastructure and privacy.

MOBILITY
With more of the workforce leveraging mobile devices, security and management becomes a priority. Focus on critical data, device of choice, endpoint management, and loss all become key considerations.

INNOVATION
Security shifts from being an inhibitor to a primary element of adopting innovative technologies such as cloud computing, social networking and virtualization.

What Is IBM Doing?

IBM Security Solutions
Globally delivered security expertise

Zurich, CH
Delft, NL
Ottawa, CA
Toronto, CA
Brussels, BE
Herzliya, IL
Boulder, US
TJ Watson, US
Tokyo, JP
Almaden, US
Detroit, US
Bangalore, IN
Tokyo, JP
Costa Mesa, US
Haifa, IL
Raleigh, US
Pune, IN
Taipei, TW
Austin, US
Atlanta, US
Bangalore, IN
Atlanta, US
Atlanta, US
Singapore, SG
Brisbane, AU
New Delhi, IN
Gold Coast, AU
Hortolândia, BR
Perth, AU

9 Security Operations Centers
9 Security Research Centers
11 Security Solution Development Centers

20,000+ Devices under Contract
3,700+ MSS Clients Worldwide
13 Billion+ Events Managed Per Day

IBM Security Framework

GRC SECURITY GOVERNANCE, RISK MANAGEMENT AND COMPLIANCE

PEOPLE AND IDENTITY

DATA AND INFORMATION

APPLICATION AND PROCESS

NETWORK, SERVER AND END POINT

PHYSICAL INFRASTRUCTURE

Common Policy, Event Handling and Reporting

Professional services

Managed services

Hardware and software

Security GRC

IBM Security Framework

GRC — SECURITY GOVERNANCE, RISK MANAGEMENT AND COMPLIANCE

- PEOPLE AND IDENTITY
- DATA AND INFORMATION
- APPLICATION AND PROCESS
- NETWORK, SERVER AND END POINT
- PHYSICAL INFRASTRUCTURE

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Solving the Urgent Questions

Am I compliant?

What controls are needed?

Can I prove it?

Identity and Access in a Smarter Planet

IBM Security Framework

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Common Policy, Event Handling and Reporting

Professional services

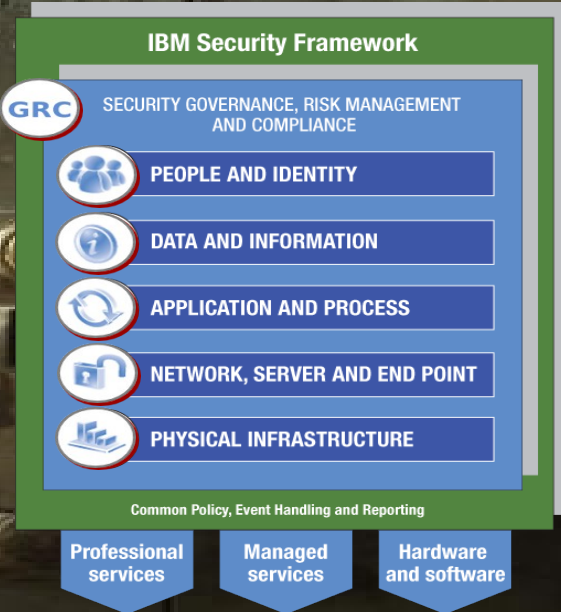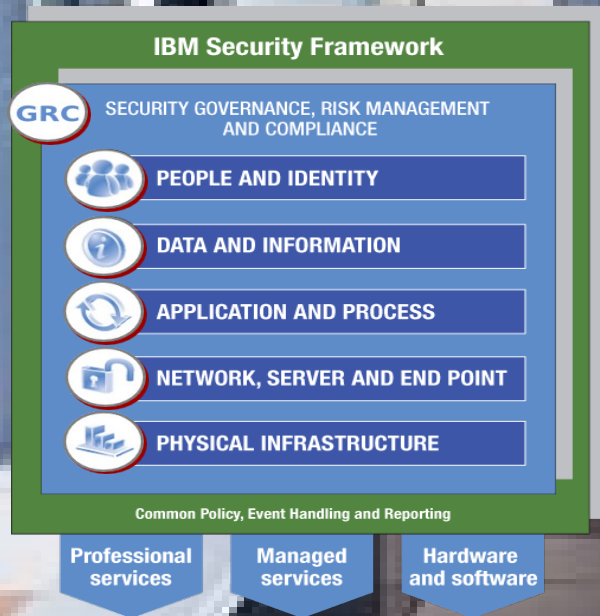Managed services

Hardware and software

Solving the Urgent Questions

What's identity in the cloud?

Can I restrict privileged users?

Who has access?

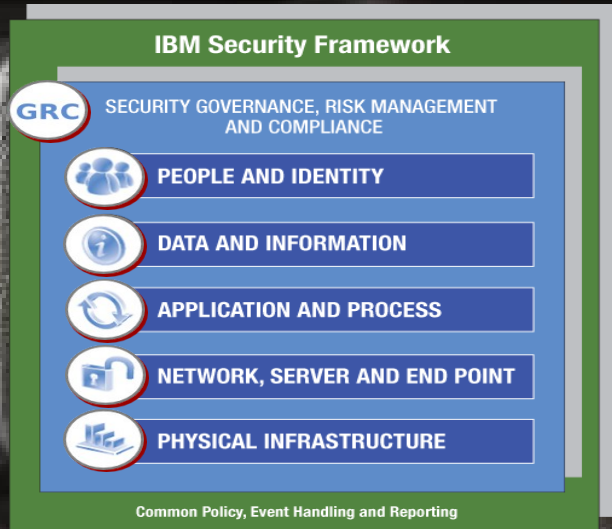**Protect sensitive data from malicious activity**

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Common Policy, Event Handling and Reporting

Professional services | Managed services | Hardware and software

Solving the Urgent Questions

Where's my sensitive data?
How can I keep data secure?
What are DBAs doing?

Securing applications by design, *not after disruption*

IBM Security Framework

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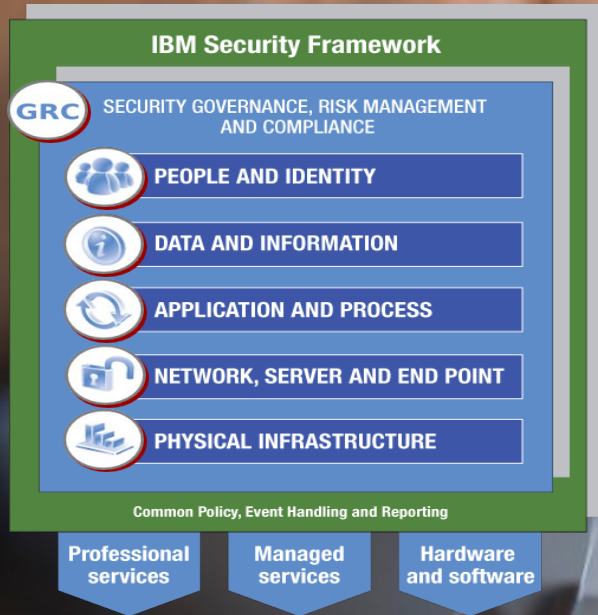Common Policy, Event Handling and Reporting

Professional services

Managed services

Hardware and software

Solving the Urgent Questions

How do I develop apps securely?
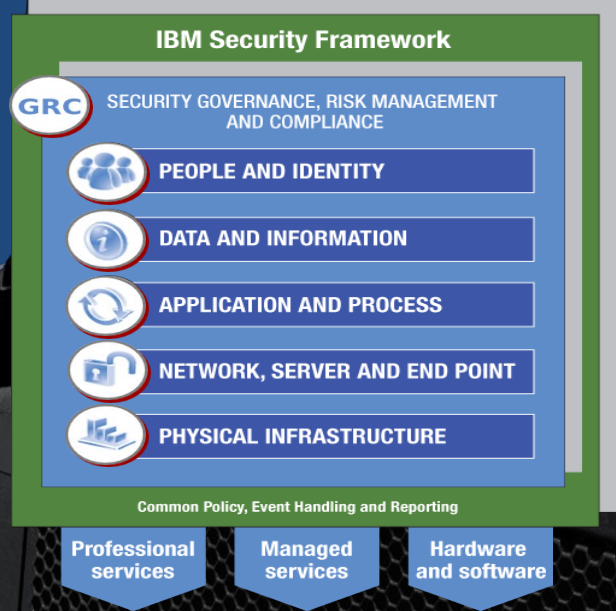
How do I stop vulnerability exploitations?

A platform for converged endpoint

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Solving the Urgent Questions

How do I manage all these devices?
How do I secure mobile devices?

Keep the bad guys out of the network

IBM Security Framework

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Solving the Urgent Questions

Who's attacking my system?

What's the latest threat intelligence?

How do I manage all the data?
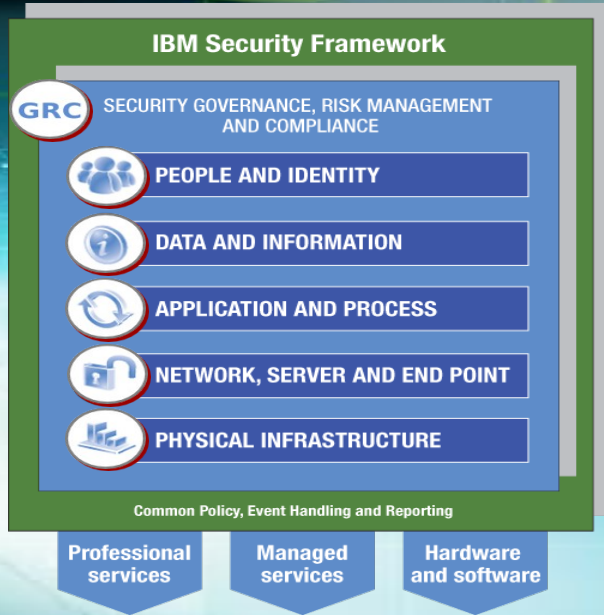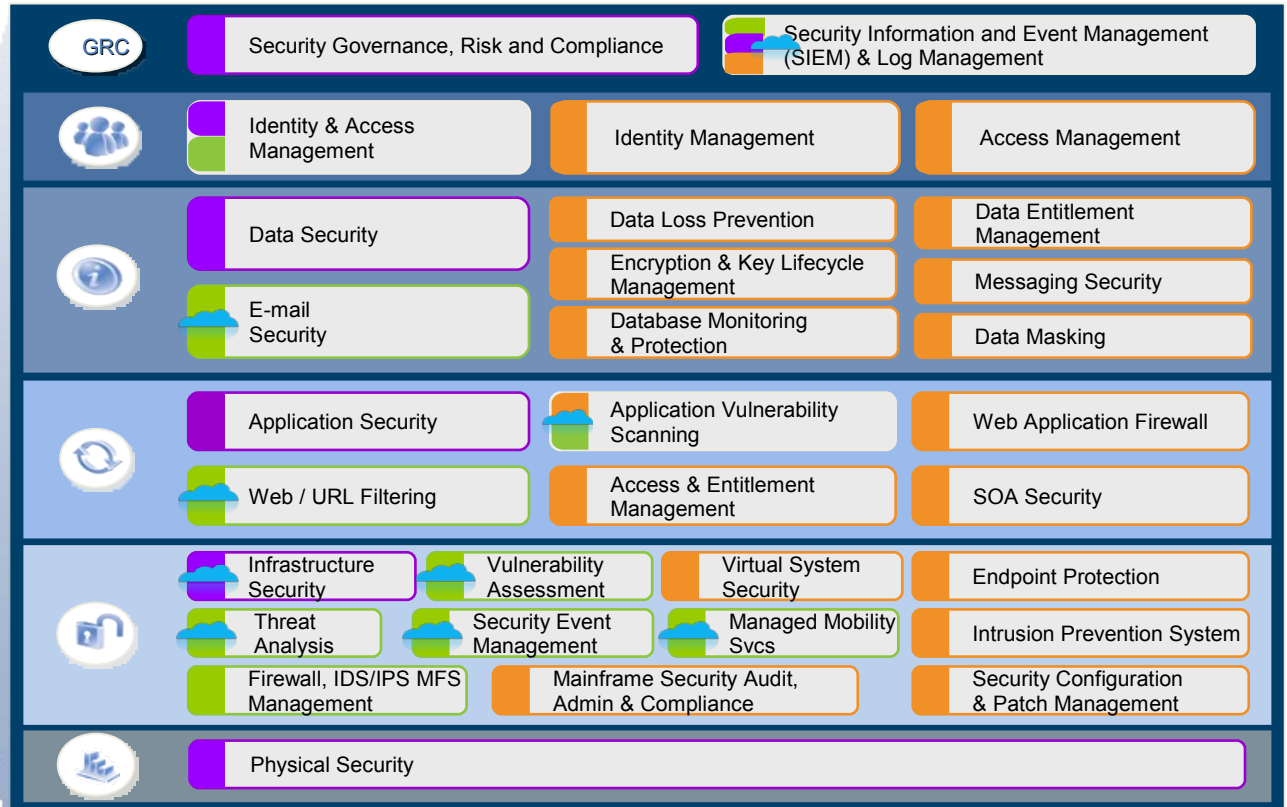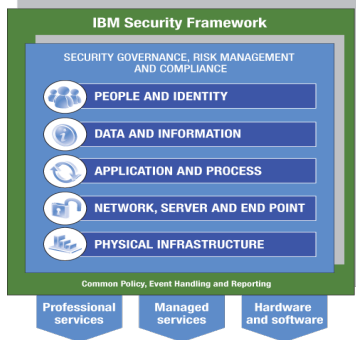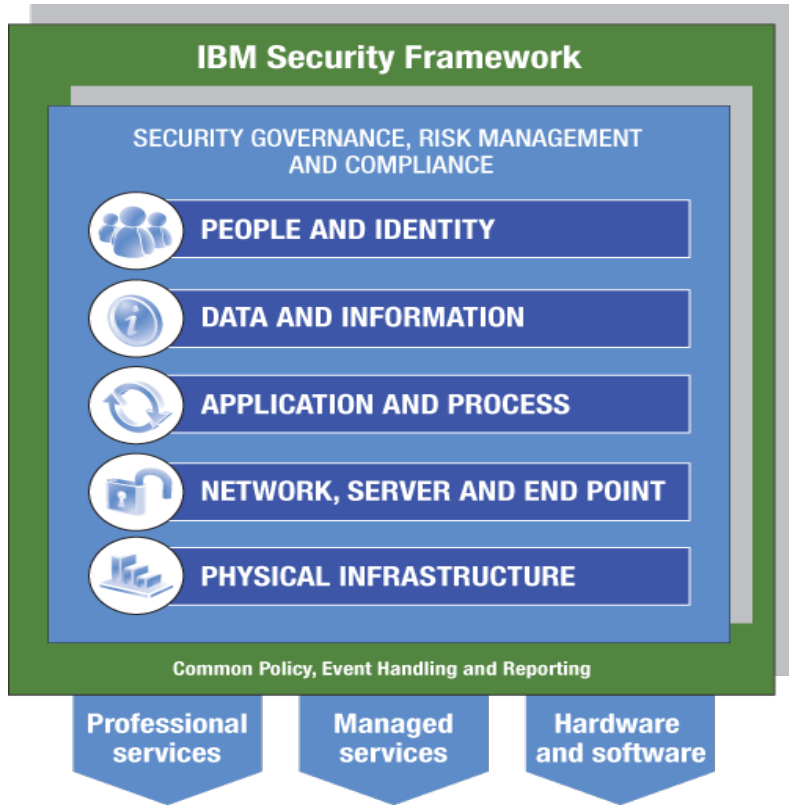
IBM Security Solutions

- **Secure your Future**

- **Innovate with Confidence**

Thank You