



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



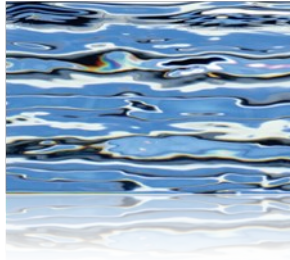
Smart Countries



Smart Retail



Smart Water Management



Smart Weather



Smart Energy Grids



INSTRUMENTED



INTERCONNECTED



INTELLIGENT

Smart Oil Field Technologies



Smart Regions



Smart Healthcare



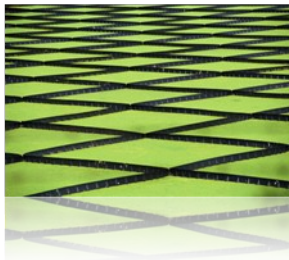
Smart Traffic Systems



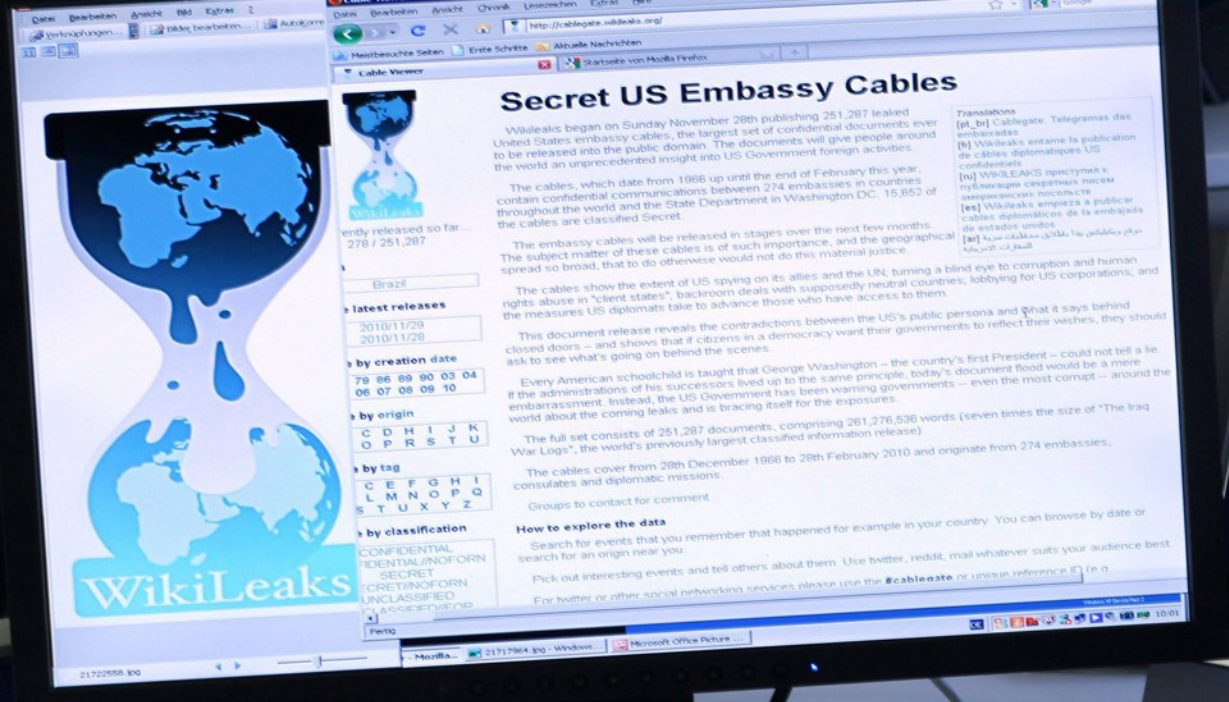
Smart Cities



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.



The background of the image is a soft-focus photograph. On the left, a silver laptop is open, its screen showing a light blue gradient. In the foreground, a silver flip phone is closed and lying on a textured, light-colored surface, possibly a couch or chair. The overall lighting is bright and natural, suggesting an indoor setting with a window in the background.

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



IBM



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



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

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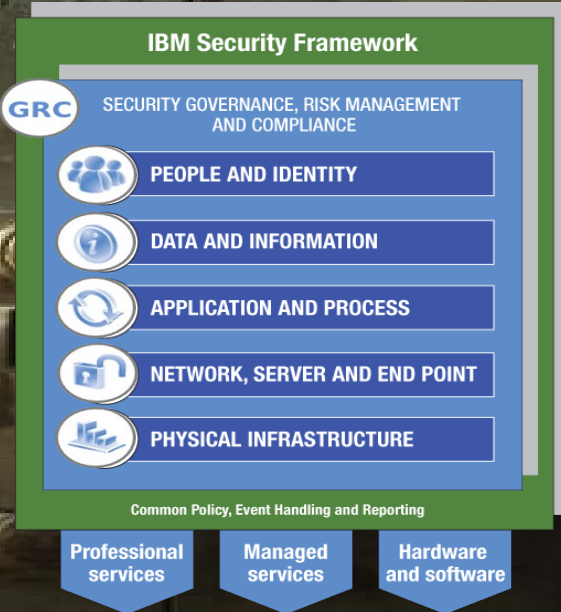
Solving the Urgent Questions

Am I compliant?

What controls are needed?

Can I prove it?

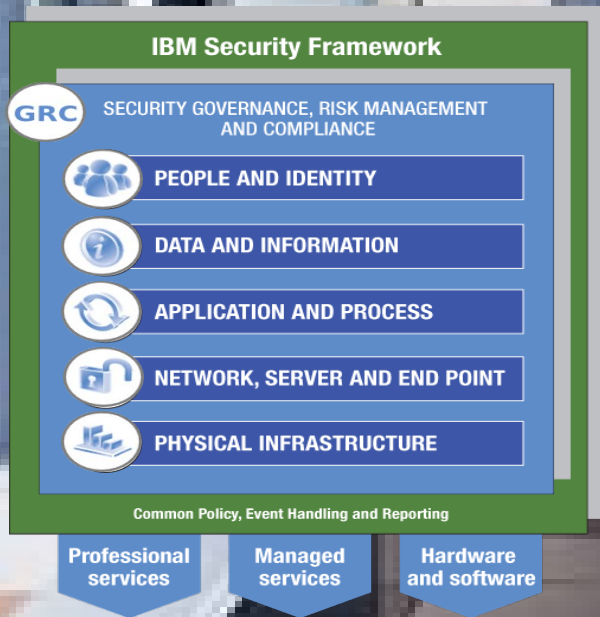
Identity and Access in a Smarter Planet



Solving the Urgent Questions

What's identity in the cloud?
Can I restrict privileged users?
Who has access?

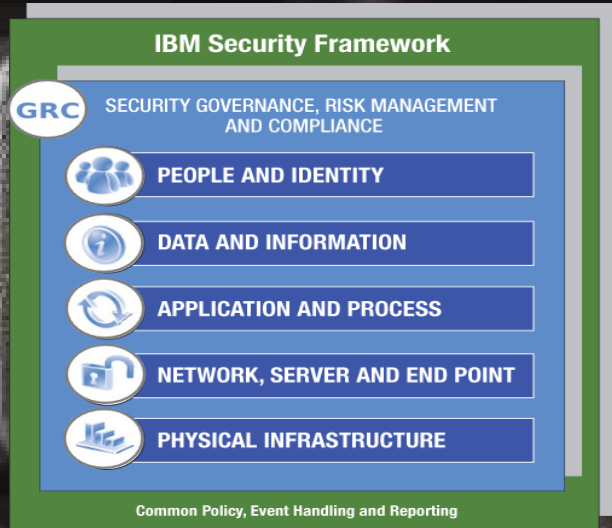
Protect sensitive data from malicious activity



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*



Professional services

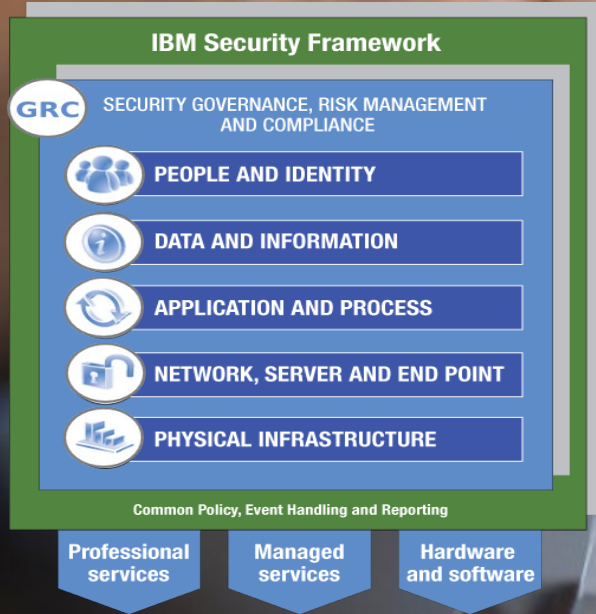
Managed services

Hardware and software

Solving the Urgent Questions

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

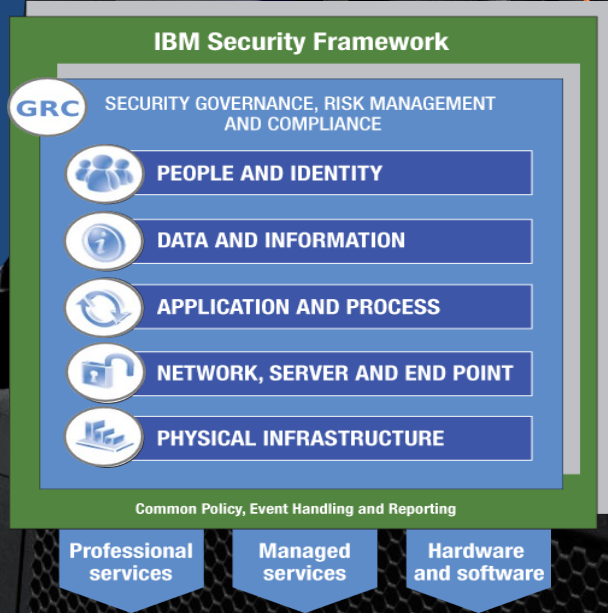
A platform for converged endpoint



Solving the Urgent Questions

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

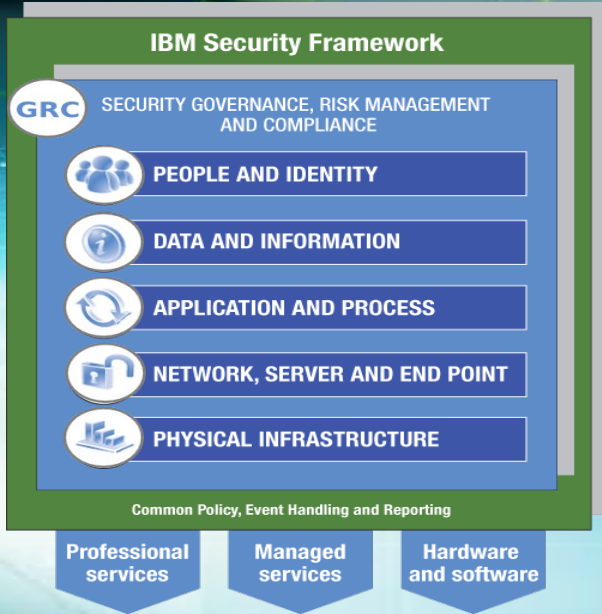
Keep the bad guys out of the network



Solving the Urgent Questions



- Who's attacking my system?
- What's the latest threat intelligence?
- How do I manage all the data?

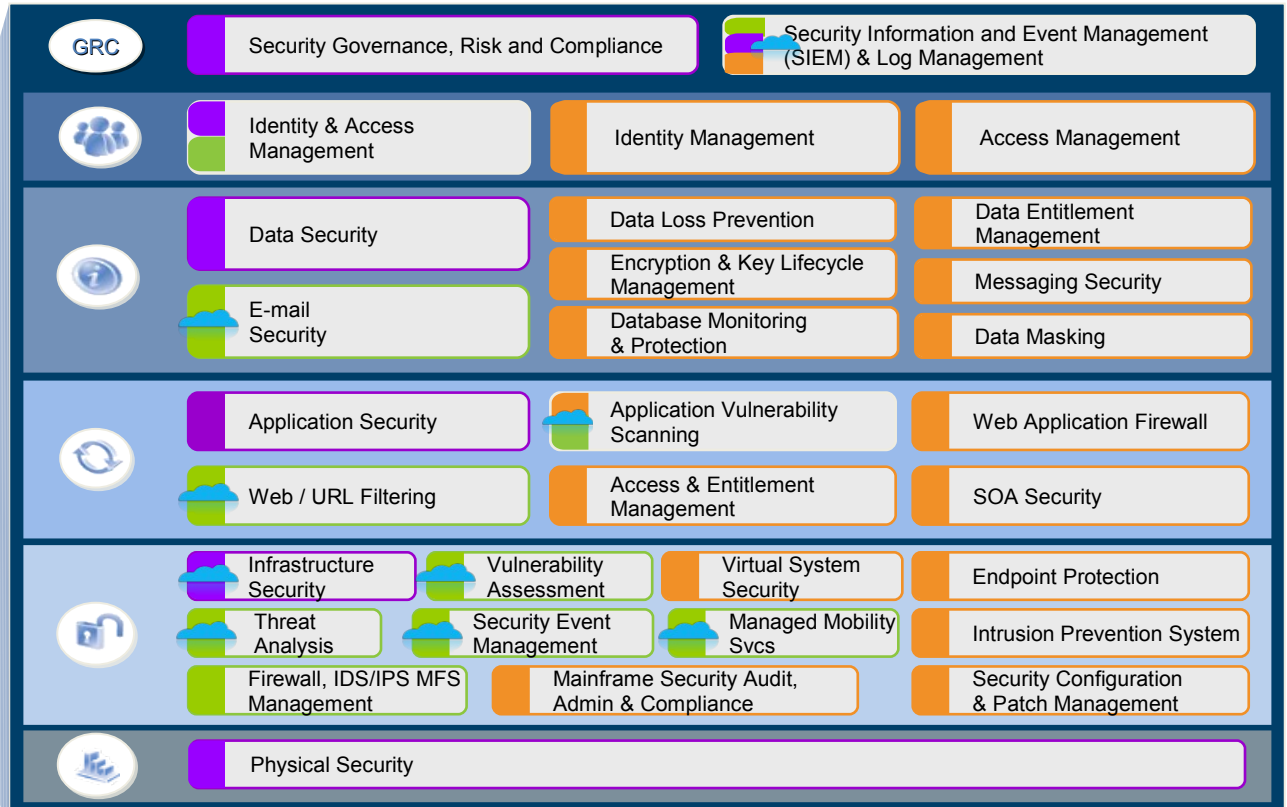
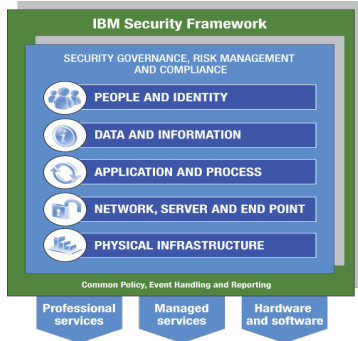
Modernize traditional surveillance systems

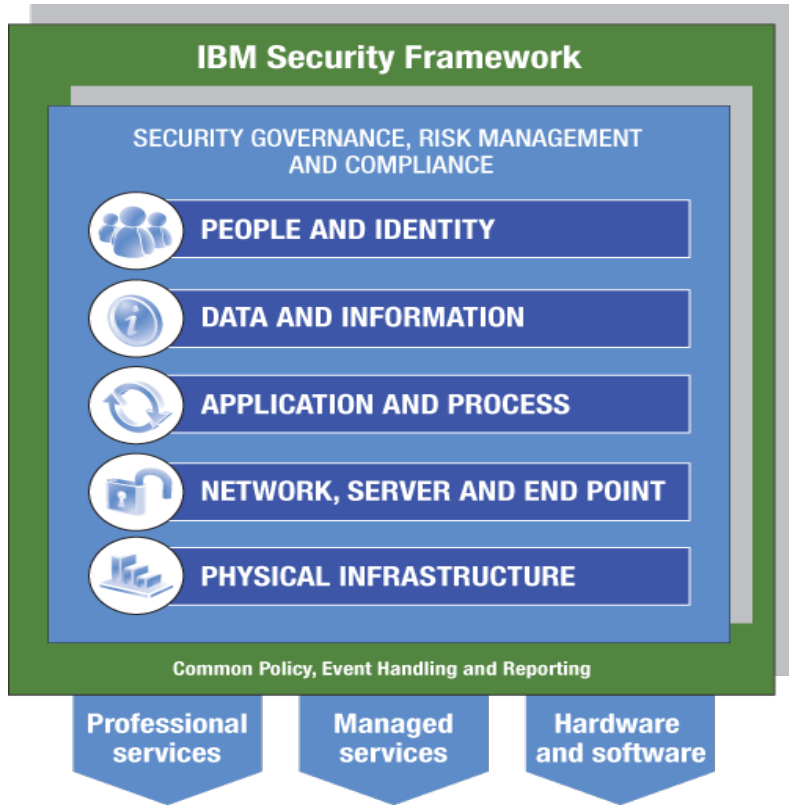


Solving the Urgent Questions

Can I automate my video surveillance?

-  Professional Services
-  Managed Services
-  Products
-  Cloud Delivered





IBM Security Solutions

- **Secure your Future**
- **Innovate with Confidence**



Thank You