Helping you stay ahead of security breaches
Information Security Services

Security and privacy are often considered after an accident. From identity theft to stolen data, threats to information are constantly evolving.

But Information Security is about much more than that. It's also about improving business performance through proactive actions and having an edge over the competition.

January 2013

Only 46% of respondents say security strategy and spending are aligned with business goals*

Information Security :
a crucial success factor for any company

Today's organisations rely on information for the effective and efficient operation of their business. Information is a key "business enabler" that allows organisations to collaborate with their customers and business partners to securely conduct business. Chief Information Officers (CIOs) are now being asked to play two pivotal roles:

1. To provide a secure, well controlled IT environment to improve business performance, and
2. To assist the organisation in strategically and tactically addressing its governance, risk and compliance requirements.

For these reasons, Information Security has now become vital and is closely tied to the company's growth.

How can PwC help?

PwC's Technology Consulting practice works with organisations in various industries to secure confidential business information. Our Security practice has real-world experience in helping companies to integrate people, process and technology. Our team can bring value to you by addressing legal and regulatory issues, mitigating business and technology risks and improving business performance through the automation and simplification of security-related business processes.

Our experience and deep understanding of information technology allow us to identify critical areas and develop tailored recommendations to enhance business value. We offer practical recommendations for CIOs and top management to raise IT's profile within a company.

The solutions and recommendations that we have developed for improving IT security are designed to support and protect your organisation's business functions. We can also help our clients prepare to comply with legislation and international standards such as ISO27001, COBIT and BS25999.
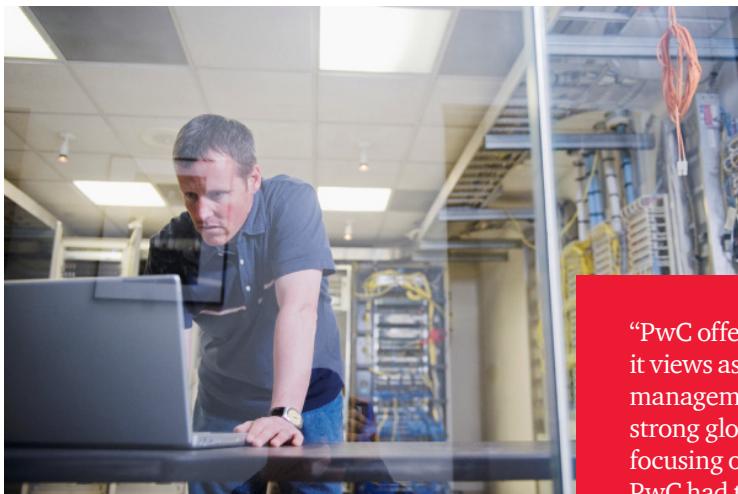
"PwC offers a mature consulting practice for security, which it views as integrated along with privacy and IT risk management into a single framework. The company has a strong global presence of staff and customers, generally focusing on large-scale engagements. In our evaluation, PwC had the best balance between strategy services and design and implementation services, also receiving the highest marks for client and account management."

Forrester, 2011 (Global research and advisory firm)

80% of respondents say protecting customer and employee data is important*

Solutions for your IT business needs

Understanding and managing the risks your business faces can protect your information assets.

Your business needs	How we can help
	Information Security Review
• Effective and efficient management control frameworks that support compliance, and reduce the risk of frauds • Protection of confidential business information from potential attackers in the internal organisation or from the internet • Access to world-class approaches, practices and expertise regarding auditing, controls and risk management	Our information security review will provide you with an objective view, based on independent assessments, on the state of your information security position. Our review will include your security governance, network infrastructure, your core business applications and database, compliance and benchmarking. We also provide information security awareness training to employees to enhance their knowledge on the need and ways to protect business information.
	Business Continuity Management
• Ensure your business can function with minimal disruptions following a disaster or major incident • Provide comfort to your business partners and customers of your service availability	We assist you to prepare a Business Continuity Plan (BCP) detailing the processes and arrangements that your organisation needs to recover operations in the event of a disaster.
	Forensic Services
• Rapid response to allegations of fraud/ misappropriation/ financial irregularities • Stopping illegal activity • Safeguarding assets and reputation • Fraud prevention	We have the technical skills, knowledge and hands-on experience necessary to investigate irregularities in technology and operations and advise on managing and mitigating risk, including ways to identify and analyse root causes.
	Office of CIO
• Increasing efficiency, economy and effectiveness in service delivery and improving performance of your IT department • Reducing the cost of your IT operations • Aligning IT with international good practices	We can take the role of the Chief Information Officer (CIO) in your organisation where we advise management on strategic decisions related to information technology. We also manage your network infrastructure and key IT projects.
	ISMS Implementation
• Provide confidence to your business partners, customers and other stakeholders that information in your organisation is secured • Reduce the risk of any fraud or malpractice within the technology infrastructure and align with international standard	We can assist your organisation to be certified in ISO27001 by implementing an Information Security Management System (ISMS) which includes setting up the security governance structure, conducting the risk assessment, and implementing recommended controls.
	Perimeter Watch
• Reliable computer systems to process financial and customer information • Maintain a reliable online image in respect to your business partners and clients • Confidence in the quality of the information coming out of your management information systems • Ensuring your IT governance and risk management frameworks are effective	Our penetration testers take the role of an attacker (e.g. a disgruntled employee or an attacker on the internet) to attempt accessing confidential information in your network. Since new exploits on applications and network devices are published on a regular basis, we perform monthly and quarterly tests to inform you of the vulnerabilities detected which can lead to data loss. We assist you in implementing remedial actions.

Our recent experience

A major bank was providing internet banking services to its clients but was not confident on how secure web services were and whether they could resist attacks by hackers.

What we did

By acting as a hacker with limited access to the bank's internet banking services, we performed an external penetration testing exercise whereby we identified vulnerabilities which could compromise the bank's services or cause the retrieval of its customer data. Our recommendations enabled the bank to implement timely corrective actions against potential attacks which could have seriously damaged its reputation.

A manufacturing and distribution company had an IT department with numerous IT staff but business users were still complaining about slow performance, insecure IT services and increased service outages.

What we did

We implemented an Information Security Management System (ISMS) in line with ISO27001 to align the services offered by the IT department to that of international standards. The governance framework and controls which we assisted the company to implement enabled the IT department to secure the company's information assets, while providing timely services to business users and significantly reducing service outages.

Talk to us

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Jean-Pierre is a Partner in PwC Mauritius and heads the Advisory line of service and our Technology Consulting practice. He brings 17 years of experience in Governance, Risk and Compliance. He has implemented and reviewed major technology solutions in various organisations worldwide. He is a recognised expert on large and complex assignments.

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Vikas leads our Advisory Technology Consulting services at PwC. He has more than 12 years of experience with specialisation in IT Consulting, IT Governance and Information Security. He led complex IT strategic, project assurance and information security engagements in both public and private institutions.

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