Global Security Consulting Services, compliancy and risk asessment services

Introduced by Nadine Dereza

Presented by Suheil Shahryar
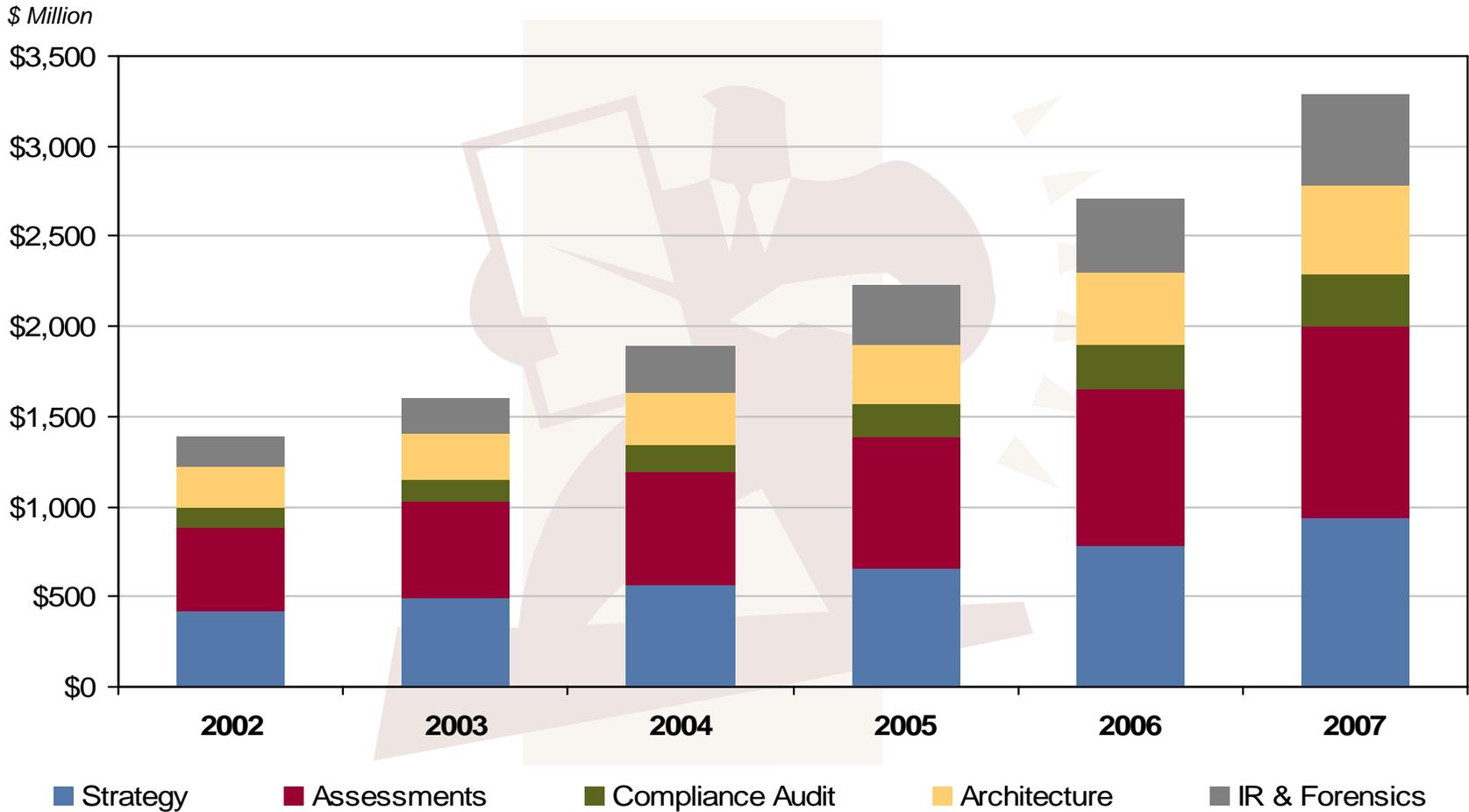Director of Global Security Consulting

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Where it all comes together.

Today's Business Environment

+ Businesses today depend heavily on access to electronic information

+ Security breaches can cause significant financial and/or reputation damage

+ Sources could include:
  - Individual hackers
  - Corporate espionage
  - Disgruntled employees
  - Business partners

+ It is essential to all organizations to understand the strengths and weaknesses of their security posture

+ Third party assessments are recommended and/or required by many regulatory bodies

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IDC Security Services Forecast

Market for Security Consulting to grow by 20% per year through 2007

$ Million

Chart: Stacked bar chart showing IDC Security Services Forecast by year (2002–2007) with categories Strategy, Assessments, Compliance Audit, Architecture, IR & Forensics.

Legend: ■ Strategy ■ Assessments ■ Compliance Audit ■ Architecture ■ IR & Forensics

Source: IDC

About Global Security Consulting

Industries We Work With

+ From large global organizations to niche companies in different industry sectors.

Compliance and Your Business

+ Sarbanes-Oxley (US), FSA (UK), European Data Directive and Payment Card Industry and other regional and national regulatory requirements.

Our Approach

+ Holistic and life cycle approach, paying attention to people, process, and systems.

Our Expertise

+ Over 90 percent of our consultants are CISSPS. Our consultants average 10 years of industry experience.

The Value of VeriSign

+ We're a security company with a consulting practice. We have a unique insight into emerging threats and security trends. We have unparalleled experience—with over 14 billion internet interactions, 3 billion telephony interactions, and $100M of e-commerce daily.

Success Stories

+ Executive summaries of key projects

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Industries We Work With

We help where risks are highest.	
FTSE 100 and Fortune 1000	Top stock market companies are half our business.
Finance	Financial institutions know we can help with Basel 2, FSA, and SOX.
Telecoms	Telecom companies count on us for full-featured security.
Technology	Technology companies rely on our industry-wide experience.
Life Sciences	Life Sciences earn compliance with FDA 21 CFR Part 11.
Retail	Retailers turn to us for Payment Card Industry assessments.
Manufacturing	Manufacturers find security and reliability serve profitability.

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Our Approach

Security isn't just about security, it's about your business.	
Putting your business first	Security isn't just about IT, it's about your business. We've been in your world, shared your experience.
Weighing people and process, not just systems	Security is more than system controls. A great infrastructure isn't enough. Improving behaviour, culture, and design is essential.
Using industry standards as the baseline	Our work is built on the solid foundation of standards of good practice such as ISO27001 and BS7799.
Using tools that are industry tried and tested	We use techniques and technologies that have been generally accepted in the industry.
Looking beyond your firewall	We look at connections your business has to make sure relationships don't increase your risk.

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Our Expertise

+ **Global organization with local presence**
  - EMEA
  - N. America
  - Australia
  - Japan

+ **Experienced security professionals**
  - 100+ professional consultants
  - 10 years average security experience
  - 95% of personnel CISSP certified

+ **Recognized conference speakers**
  - Black Hat, SANS, Gartner, RSA, Information Security Forum

+ **Centre for excellence methodology**
  - Best-of-breed methodologies and tools to ensure consistent, and high-quality delivery of services
  - Virtual communities of thought leaders promoting knowledge sharing and continuous learning

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The Value of VeriSign

A security company with a consulting practice	From the beginning, our focus has been on providing objective and independent advice and recommendations to our customers and partners.
A global presence with an integrated vision	We have unique insight into emerging threats and security trends - and the ability to collect intelligence from across the world
Unparalleled expertise and experience	3M content interactions, 100M news articles served, 15B address requests, 400M calls, 30M retail transactions and 1.6B security events

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Services To Meet Your Security Needs

Evaluate your business-wide security?	**(1) Enterprise Security Assessment**
Achieve compliance for your business?	**(2) Regulatory Compliance Assessment**
Identify vulnerabilities in your systems?	**(3) Technical Security Assessment**
Go for ISO 27001 certification?	**(4) ISO 27001 ISMS Implementation**
Build security into your company's culture?	**(5) Security Policy and Programme**
Strengthen your infrastructure?	**(6) Security Architecture and Design**
Control who has access to your systems?	**(7) Identity and Access Management**
Respond quickly to security breaches?	**(8) Incident Response and Forensics**
Survive disasters and continue business?	**(9) Business Continuity & Disaster Recovery**

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Sample Success Stories

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Financial Institution Case Study

Business Need

A major financial transaction processor needed to be in compliance with financial regulations - including Sarbanes-Oxley - and to secure transaction data both in storage and in transit.

Key Challenges

Numerous regulations governing its operations

Implementing security in the software development lifecycle

Solution

Over the past year our team has delivered a set of consulting services that helped advance the company's security programme quickly, while addressing the various regulatory and industry requirements the company faced. Key services we provided:

- Interim Deputy CSO Services
- Policies procedures development
- Security architecture improvements
- Security awareness and training programme

We continue to support the company through more advanced security initiatives.

Results

Our initial successes included:

- Re-architecting the network in a more secure manner
- Finalizing policies and procedures
- Helping chose key technologies such as an incident detection system (IDS)
- Implementing the security awareness programme

In addition, we developed a business process whereby security was ingrained into the software development lifecycle (SDLC) so that when new applications (or new projects) were developed, there was a process by which the security team was consulted for risks.

Finally, we implemented more advanced projects:

- Implementing and providing oversight over the SDLC
- Managing the rollout of host-based intrusion detection
- Leading efforts to provide better security at the company's facilities in India

Overall the company is performing better in audits and has a better control on the security risks that are inherent in their business - both domestically and internationally

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Telecommunications Case Study

Business Need

A mobile telecommunications company needed a security partner to assess and secure its new, state-of-the-art mobile infrastructure - including voice, data, and other value-added services.

Key Challenges

The existing network was large, complex, and constructed without particular concern for security. As in most countries, near-100% availability was required.

Solution

We served as the company's security partner, providing a complete suite of consulting services. In addition to assessment and vulnerability mitigation work, we developed policies, procedures, and standards. We helped the client select and apply appropriate technical, procedural, and logical security measures. Finally, we developed plans for the monitoring and management of those measures.

In Phase 1, Security Assessment, we performed a full assessment that included:

- Architecture and technology reviews
- System hardening reviews
- Network penetration testing
- Technical vulnerability assessments
- Business impact assessments
- Enterprise security assessments

In Phase 2, Security Architecture, we worked with the company to build a comprehensive security architecture that included:

- Information security policy
- Information security standards
- System hardening procedures
- Network security architecture and design
- Security department organization programme
- Security awareness programme
- Disaster recovery and business continuity plans
- Security certification programme design

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Telecommunications Case Study (cont.)

In Phase 3, Security Application, we helped the company put the programme into place:

- Technology and product selection
- Product implementation roadmap
- Implementation guidance and support
- Post implementation audit

In Phase 4, Security Management, we provided:

- Security operations procedure documentation
- Incident response plan
- Managed services plan

Results

We helped the company achieve its key security goals. We helped the IT staff learn to build security awareness into their work style, and also how to escalate and deal with serious security issues.

We performed successful penetration tests on the core telecoms network via 3G/GPRS.

We realigned security responsibility, setting up approval policies, standards, and procedures, and conducted a successful security awareness campaign.

We deployed a complete security architecture that addressed all relevant devices from a monitoring, management, and procedural perspective. The network architecture was reconfigured to align with security best practices, and the devices on the network were secured to documented standards. We deployed security devices, such as firewalls and intrusion detection systems, and provided for their ongoing monitoring.

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