atsec information security

Bringing an Independent, Standards-Based Approach to Global IT Security Consulting and Product Evaluation

State of the Industry

- Illinois, Louisiana and New Jersey recently enacted new security-breach notification laws mandating actions companies are required take in the event of a breach (similar statutes exist in more than 20 other states)

  Computerworld

- Two-thirds of financial services firms have a defined security program in place

  Deloitte Touche Tohmatsu

- However, in recent years millions of consumers have had their information lost or stolen when organizations have neglected to properly protect personal information.
  - CardSystems Solutions Inc. experienced a security breach in early 2005 exposing data on potentially more than 40 million payment card accounts
  - UPS Inc. recently lost data containing the names of 3.9 million CitiGroup customers

Critical IT Security Success Factors

- Information security must be part of a business' overall strategy

- No information is more critical than a business' stored customer data

- Successfully protecting customer data is a key differentiator for businesses

- Investing in and adhering to industry standard IT certifications enables businesses to manage security risk, improve business process reliability and product security

- Businesses need an experienced, proven ally who can help them understand and manage their information security needs

atsec Focuses Solely on IT Security

Providing customers a clear, concise perspective to:

- Manage security risk
- Improve business process reliability
- Integrate a sound security infrastructure into the overall business

Company Highlights

- Recognized IT security experts worldwide
- Delivering independent, standards-based IT security consulting and evaluation services
- Focused on the entire business ensuring secure information handling practices are integrated throughout the organization
- Enables customers to manage security risk, improve data, product and business process reliability
- Investing heavily in the development and shaping of international security standards through the contributions of atsec staff
- Company profile
    - Founded by three IT security veterans in 2000
    - More than 50 consultants in six countries
    - Headquartered in Austin, Texas
    - Self-owned and financed

Principles

- **Know the business**
  We know the information security consulting business very well, and our multinational staff is very comfortable operating internationally.

- **Act with integrity**
  Information security consulting is a high-integrity business and requires a relationship based on trust. We are committed to sustain the highest degree of integrity internally and in our client relationships.

- **Stay focused**
  We are security consultants and do not consult in other areas. We are highly focused on the security consulting discipline.

- **Be independent**
  We are not affiliated with any hardware or software vendor and never will be. Customers can rely on us to be objective because we have no interest in promoting anything other than our consulting services.

Service Portfolio

ATSEC INFORMATION SECURITY OFFERS EXPERTISE ON
A WIDE RANGE OF IT SECURITY SERVICES AND SOLUTIONS

	Product Security	Organization Security	System Security	Network Security
Standards	Common Criteria FIPS 140-2 PIVTL	ISO/IEC 27001 (BS 7799)	FISMA	
Services	Embedded Systems Source Code Analysis Smart Card Security Security Testing	ISO/IEC 27001 (BS 7799) Risk Management Export Control Trust Center	Security Audit and Revision Computer Forensics Incident Analysis	Firewall Assessment Penetration Test Mobile Security PKI
Education and Training	Common Criteria	ISO/IEC 27001 (BS 7799) Export Control	Hardening	Firewall Cryptography
Solutions				V-CERT Security Monitor

atsec Offerings

- **Common Criteria Services**
  - Common Criteria is an internationally-recognized standard used by governments and other organizations to assess security and assurance of information technology products.
  - As a Common Criteria testing lab accredited under both the U.S. scheme (NIAP) and the German scheme (BSI), atsec offers Common Criteria consulting, readiness assessment, and evaluation services.
- **ISO/IEC 27001 Services**
  - ISO/IEC 27001 (formerly known as BS 7799-2) provides internationally-accepted standardized criteria to evaluate information security from a business processes point of view.
  - atsec offers readiness assessment and risk management consulting services for businesses seeking BS 7799 conformance certification.

atsec Offerings

- **FIPS 140-2 Services**
  - Federal Information Processing Standard (FIPS) 140-2, Security Requirements for Cryptographic Modules specifies requirements related to the secure design and implementation of cryptographic modules that protect sensitive or valuable data.
  - atsec offers FIPS 140-2 consulting and readiness assessment services.

- **Embedded Systems Consulting**
  - An embedded system is a special-purpose computer system that is completely encapsulated by the device it controls or monitors.
  - atsec offers consulting services to address the IT security challenges of protecting information contained in and transmitted to (and from) embedded systems via private networks or the Internet.

atsec Offerings

- **Smart Card Security Consulting**
  - Smart cards are convenient, portable security devices offering multiple levels of authentication to control access to sensitive data.
  - atsec security experts understand smart card security at every level and are knowledgeable about smart card standards and the requirements for formal security evaluation.

- **Export Control Consulting**
  - Legal requirements governing export of commodities and technologies are complex, and non-compliance carries substantial penalties.
  - atsec offers the expertise to help formulate an export control strategy and integrate appropriate export control measures into business processes.

How atsec is Helping Customers Succeed

Vodafone TeleCommerce

First-ever organization in Germany to qualify for certification in accordance with BS 7799-2, a globally recognized information security standard (certification resulted in a reduction of insurance costs for its IT)

February 2002

Siemens Business Services (SBS)

First-ever BS 7799 certification of a Trust Center, which differentiated Siemens from its competition in the PKI space

January 2002

IBM Server Group (AIX)

Achieved EAL4+ Common Criteria evaluation of AIX 5.2, the first-ever operating system to be evaluated in parallel with product development, so that certification was complete when the product was delivered

November 2002

How atsec is Helping Customers Succeed

IBM (Novell/SuSE Linux)

atsec completed the first-ever Common Criteria security certification of Linux, impressing industry analysts who questioned whether an open software operating system could ever qualify for Common Criteria certification

August 2003

IBM and HP (Red Hat Linux)

atsec followed up the Novell/SuSE Linux evaluation with successful certification of Red Hat Linux at assurance level EAL3+ which demonstrated the continuing commitment of Linux community leaders to security

August 2004

IBM Server Group (z/OS)

atsec completed Common Criteria evaluation of the IBM z/OS 1.6 operating system at the EAL3+ level the first-ever evaluation of a large enterprise operating system for multilevel security environments

March 2005

How atsec is Helping Customers Succeed

Axalto (management system)

Achieved ISO 9001-2000 and BS 7799-2 certification, creating a sustainable single management system to manage the quality and information security requirements of both risk management-based systems

February 2005 (ISO certification) and July 2005 (BS7799-2 certification)

Axalto (export control)

Axalto needed help managing its export (trade) control responsibilities; expert atsec consultants who understood the very specific regulations were engaged to fill the gap

2004 – 2005

Swisscom Mobile

atsec developed a creative solution to enable SCM's network to be split into various security zones,without ever requiring interruption of operations

2004

Netbank (part of the Sparda-Group of banks)

Providing security consulting services including penetration testing for Netbank

Ongoing since 2003

Quotable Quotes

"…very impressed by the technical depth and professionalism of the atsec staff…atsec consultants have produced first-rate work on every project."

Doc Shanker, Certified Executive IT Architect

IBM Linux Technology Center

"Together we achieved the first BS7799 certification ever in Germany for VIS…..All this would not have been possible without the expertise, dedication and excellence of the atsec staff."

Dieter Grzeca, Head of Data Center Services

Vodafone

"All of the atsec staff is highly experienced and demonstrates superb certification expertise…the atsec staff conveys a true passion for information security."

Gregory E. Stecher, General Manager
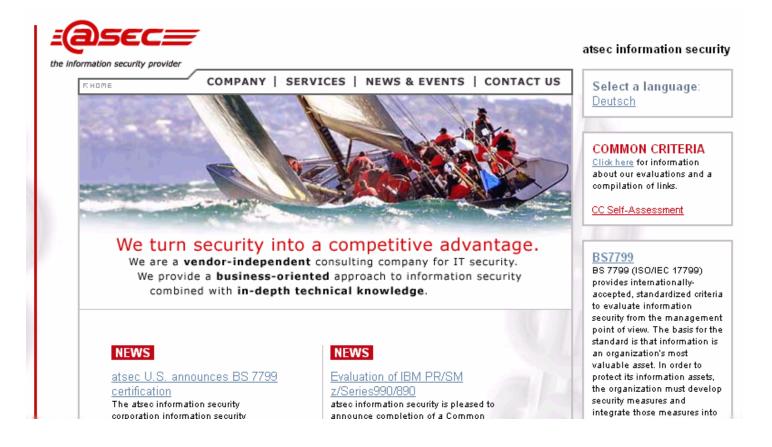
Vanguard Integrity Professionals, Inc.

"From atsec, we expected both a high level of standards expertise and implementation experience, and were pleased that atsec exceeded our expectations on both counts."

Leonard Pojunas, General Counsel, Americas

Axalto

More Information…

http://www.atsec.com