

Transforming for the Information Age
The Center for Security & Privacy Solutions



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To my fellow collaborators and innovators

Welcome to the Deloitte Center for Security & Privacy Solutions. Deloitte's new innovation center, the Center for Security & Privacy Solutions, has been created to build *innovative, transformational and sustainable solutions* that address management challenges posed by emerging security and privacy issues. The Center will develop new ways to help organizations align strategies, processes, and operations to better combat cyber crime, integrate leading edge technologies for process efficiency and effectiveness, and to improve operational resilience in uncertain environments.

Transformative solutions. Deloitte's Center for Security & Privacy Solutions ("the Center") has been formed to help our clients across all industries face security and privacy threats by having access to the newest and most informed thinking and solutions available today and into the future. Our Center mandate includes creating *new* solutions and approaches demanded by the marketplace, as well as retooling and making *continuous improvements* to existing, demonstrated solutions. This includes developing practical, sustainable management strategies and technical and operational architectures.

Collaboration in the ongoing battle for security.

We've assembled a formidable team of internal and external industry leaders to reinforce our efforts, as well as others from academia and industry associations who will join our Center Advisory Council. In this capacity, they will both inform and collaborate with Deloitte practitioners on Center programs, tools, and solutions that are necessary to keep our industries, organizations and even our country secure.

Research, innovation, insight. Building on Deloitte's reputation as the security market leader, you'll find new research, insights, and thought leadership from the Center, and be able to follow us on social networking sites such as YouTube and Twitter. You'll have the opportunity to attend our webinars, listen to podcasts, and even attend Center security events across the United States. These programs will drive dialogue and debate on critical issues and focus on the development of real solutions to protect the brands and information assets of organizations.

Please visit the Center pages on www.deloitte.com/us/securityandprivacysolutions, and consider two key questions: Do you truly know where your vulnerabilities lie? *And* do you have the ability and right resources to fight, or prepare, for them? The Center is here to help you answer these and many other security and privacy-related questions that are likely to arise in the coming months and years.

Growing security threats require new approaches

Ceaseless, diverse threats surround the information and infrastructure which power organizations. Cybercriminals continue to churn out malware, steal identities, and create new scams. System breaches and leaks expose critical data to compromise, a growing concern for both business and government enterprises. Outages can disrupt operations, impede data access, and weaken security.

Technology advances are helping with these problems, but only to a point. Automating processes can improve efficiency and control the cost of information protection and compliance. At the same time, privacy hurdles are constraining use of emerging security technologies, such as biometrics. Security and privacy concerns are also proving to be a factor in companies' decisions on whether to deploy new technologies, such as cloud computing environments.

Compliance mandates are growing. Consider this: companies doing business with the U.S. federal government will soon be subject to rigorous security and controls requirements of the Federal Information Security Management Act of 2002 (FISMA). Industry-specific regulations and oversight are growing, as well. Businesses will need to regroup, determine the impact of these changes, and – in many instances – commit substantial resources to achieve compliance.

Maintaining the security and privacy of enterprise and customer information is essential to protecting your business and brand. But how do you attack such a complex array of issues? As you formulate your plans, how can you be sure you have the latest knowledge, strategies, and solutions to address the ever morphing and expanding array of threats?



Deloitte brings innovative and actionable options

An extraordinary resource to address areas of security risk, The Deloitte Center for Security and Privacy Solutions (the Center) is an extraordinary resource to help you meet the security and privacy challenges facing your organization. The Center brings together the experience and skills of Deloitte professionals, coupled with the knowledge and insights of other diverse thought leaders. The Center's purpose is to:

- Shed new light on evolving and persistent security and privacy issues.
- Create solutions tailored by industry that capture the value of emerging technologies.
- Develop strategies and approaches to better leverage the value of core security and privacy technologies.

The Center addresses the spectrum of security and privacy issues, including identity and access management, data and infrastructure protection, enterprise application integrity, business continuity management, and infrastructure and operations security. The center does not take a generic approach to these requirements, but instead offers solutions tailored to the needs of specific industries and enterprises.

Research, innovation, and insight

The Center is a nexus for capturing the most advanced security and privacy knowledge and experience of both Deloitte professionals and outside specialists.

The Center combines Deloitte's own global security research with insights from industry, academic, and vendor communities to amass intelligence on the security and privacy vulnerabilities facing organizations. Center professionals hold leadership roles in key security and privacy organizations, such as the Information Systems Audit and Control Association (ISACA) and the International Information Systems Security Certification Consortium, Inc. (ISC)²®.

Emerging and industry solutions

The Center applies the knowledge gained from its research and the insights of external parties to develop tailored, practical security and privacy approaches that help address client security and compliance risks. Center solutions address issues facing specific industries, such as payment fraud in the financial services industry or the cyber-terrorism threats facing power and utility companies.

Cyber Threat Intelligence, the Center's first new offering, supports detection and development of mitigation strategies for compromised information, helps identify transactions hitting Internet-attached systems from compromised devices, and assesses susceptibility to deep-penetration access by advanced cyber threats. Cyber Threat Intelligence helps organizations identify and neutralize devices inside their network that have been compromised and are being used to support cybercrime activities.

Improved solutions

Along with addressing emerging security and privacy issues, the Center focuses on finding ways to enhance the value and effectiveness of mature solutions. The research and intelligence gathered by the Center supports continuous improvement in the use and performance of core technologies.

For example, Center-developed accelerators can help speed the integration of identity and access management, a security and privacy technology, leading to enterprise cost savings. The Center is also developing solutions that leverage advanced technologies such as biometrics.

Our Security & Privacy Strategy and Management solutions can help you develop and implement enterprise strategies and programs for managing information, business and technology risks. We connect demonstrated standards-based methodologies and frameworks with extensive industry knowledge and experience to create practical, sustainable management strategies and technical and operational architectures.

Deloitte has the largest global information security and IT risk services practice. Deloitte offers the best of both worlds by not only having an excellent understanding of the business, but by also having the ability to integrate an IT risk mindset and a deep technical expertise into its engagements. The firm has established itself as a global leader in offering complex, large-scale information security and IT risk services.

Khalid Kark, Forrester Wave™: Information Security and IT Risk Consulting, Q1 2009, March 2009

Through our Security & Privacy Technology Integration solutions, we can help you select, develop, and implement security and privacy technologies, or we can help you risk-sensitize your other information systems and applications to protect against security and privacy breaches.

Specifically, these Security & Privacy Services Technology Integration solutions focus on:

- Identity and access management solutions
- Integration of identity management systems
- Automated controls and continuous monitoring technologies
- Security, internal controls, and data implementation for enterprise applications
- Content management solutions
- Data loss prevention, security event management, and enterprise encryption solutions
- Strong authentication solutions, such as smartcards and biometrics
- Proprietary technology risk and compliance solutions such as Deloitte's proprietary Risk Catalog

Across these strategy, management, and technology integration solutions, we help you find the appropriate balance between risk management and cost containment.

The Deloitte difference

Head and shoulders above the competition

Deloitte has been rated by leading independent research firms as a leader in end-to-end risk management services globally. This external recognition merely affirms what many Deloitte Security & Privacy clients already know – that we offer a distinct advantage through:

- Our ability to connect the dots across the whole enterprise, including strategy, implementation, and support.
- A focus both on thought leadership and solution delivery – we continually evaluate marketplace trends and, through our Center for Security & Privacy Solutions, we constantly integrate new, emerging technologies into our portfolios to remain on the forefront of security and privacy capabilities.
- Global coverage – we understand security and privacy issues from top to bottom, and we have the coverage to deliver, including more than 1,000 professionals in North America.

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The Center Advisory Council

Central to the success of the Center is an Advisory Council of industry and technology leaders, assembled to help identify key security and privacy issues the Center should examine. The Council suggests solution approaches and serves as a sounding board for initiatives. Council members include representatives of the academic and research communities, commercial and federal government enterprises, industry associations, and leading solution vendors. The Center also leverages social media technologies to maintain interaction and communication with key contributors.

Contacts

For current information on Center research, thought leadership, security events, or videos, please visit us online at www.deloitte.com/securitysolutions. Find our Center content on YouTube, or to subscribe to updates on our programs and solutions, register here www.deloitte.com/us/securityandprivacysolutions.

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