



Government data-security issues in an e-business world.

Governments have been striving over the last decade to be more responsive to their citizens and to businesses. Empowered by the Internet, governments are turning to technology and e-business solutions for answers. The transformation to this new world of e-business, however, is not without risk.

Recognizing and managing risk

Privacy and data security are not new issues. Since the advent of paper and pen, critical information was secured under lock and key. Today, millions of users with desktop PCs and laptops can access data on thousands of interconnected networks—often with minimal security checks. As a government executive, your concerns are understandable: you want to avoid the potential of unauthorized systems access and other situations that may compromise your agency's networks. Meanwhile, your constituents are also apprehensive; they need reassurance that their health and benefits information, tax data, court records and other personal data and sensitive reports are appropriately handled and adequately protected.

Building public trust through data security

There's a great deal governments can do to keep information secure in an e-business world. Key steps that will help you achieve an effective security policy include:

- Adopting management procedures that identify and address security exposures and risks
- Establishing policies with clear privacy and data-security guidelines
- Protecting assets and access limitations physically using proven technologies, including servers with security features, security software, confidentiality classifications, passwords, network firewalls, cryptography and smart cards
- Providing comprehensive education and awareness for your staff and for the public



e-business



IBM solutions: Proven experience, reliable choices

IBM has designed and delivered data security solutions, from developing the original data encryption standard to providing complete hardware and software security solutions. Based on our investment in research and development, these solutions are aimed at staying ahead of unauthorized users.

IBM has thousands of consulting and services specialists worldwide who can help you design and implement not only your e-business solutions but the security measures your organization requires. Our experience with data security and privacy capabilities includes:

- Comprehensive data warehouse and decision-support systems for government agencies and departments at all levels
- Data networks that provide information about tax regulations, job training, administrative services and more

IBM offerings include:

- A wide choice of evaluated servers that are highly secure, along with Federal Information Processing Standards (FIPS) 140-1 Level 4 encryption hardware

- IBM SecureWay® Software—a comprehensive set of products that helps provide a secure network for e-business applications in multi-platform environments
- Systems integration and security services to provide a comprehensive and secure solution
- Products and services that deliver digital certificate support, enabling authentication, access control, confidentiality and non-repudiation for Internet applications

Your trusted security partner

As the world increasingly moves to an e-business environment, no business or government can afford to be left behind. IBM can help you identify and address the security and privacy issues that arise along the way.

For more information

To learn more about IBM security and e-business for government solutions, contact your IBM client representative or IBM Business Partner. Or visit our Web site at www.ibm.com/government.



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IBM Corporation
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Route 100
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1-00
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Printed in the United States on recycled paper containing 10% recovered post-consumer fiber.