



Safeguarding e-business with IBM security.

While the Internet has opened dramatic, new options for conducting e-business, it has also increased the need for reliable security. As companies consider making the transition from traditional business to e-business, they often cite security as their main concern—and with good reason.

The following are just a few of the security challenges unauthorized Internet users bring:

- Compromising and altering Web sites
- Attempting to access confidential business information
- Assuming false identities during transactions
- Attempting to read private e-mail

A server without adequate security is like an open door to your vital business information. You need a protected environment with readily accessible e-business solutions. By ensuring your networks, systems and applications use advanced security features, you can enjoy the advantages of e-business without worrying about unauthorized entry. IBM servers help you run a scalable, available and secure environment using leading network-security technologies.

Secure system access

Increasing your competitive advantage also means increasing your risk. As you extend your business reach beyond your internal organization and open your network to suppliers, customers and business partners, you have probably found it necessary to link your corporate network to remote networks. Most companies use a virtual private network (VPN) to share information and to conduct business through the Internet, linking customers, employees and business partners around the world. While VPNs can dramatically increase your productivity, they also increase the need for expanded security.

To provide the rock-solid network security today's VPNs require, IBM servers employ a wide range of solutions, including firewall technologies, IPsec protocol and cryptography solutions. Using these technologies, IBM servers allow you to establish boundaries between your internal network and the Internet.



e-business



Secure e-business

As you advance to more innovative and complex e-business transactions, you need to trust the authenticity and accountability of users, whether they are business partners or customers. To help establish this trust, you need a strong public key infrastructure (PKI).

Using PKI technology, IBM SecureWay® Software can help raise the level of security on any server by providing seamless, end-to-end security solutions. You benefit from e-business applications that are simple to manage and transparent to users; users experience an authentic, private and reliable exchange.

Conducting e-business with confidence requires a certain level of trust. These SecureWay Software products can help:

IBM SecureWay Trust Authority:

A security-rich, integrated registration and certification solution that helps build trust into business-critical Web applications. Using SecureWay Trust Authority, you can identify users in a networked exchange and verify their privileges and authorized actions.

IBM SecureWay Toolbox: A collection of software development toolkits that employs PKI technology. The SecureWay Toolbox encrypts and decrypts information sent over untrusted networks to help ensure data integrity and privacy. For optimal flexibility, you can integrate and manage PKI tools from a variety of vendors.

Scalable and compatible applications

IBM servers leverage leading-edge network-security technologies based on cross-platform, open standards. You can connect securely and reliably, knowing you have the scalability you need to adjust as your Web traffic increases and your business grows.

By combining IBM servers and SecureWay Software with Java™ technology, Lotus software, IBM WebSphere™ Software and Tivoli management tools, your business can create a security-rich e-business environment from components designed and tested to work together. IBM server solutions leverage proven expertise across multiple architectures to give you the e-business advantage in a connected world.

For more information

To learn more about IBM security and privacy solutions, contact IBM Global Services, your IBM client representative or IBM Business Partner. Or visit our Web site at www.ibm.com/security.



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