



Security solutions your e-business can bank on.

In the financial services industry, e-business is rapidly becoming big business. But the open, unsupervised nature of the Internet raises special security concerns about e-business transactions, including:

- Authenticating the identity of the parties involved
- Certifying that data sent to and from the customer remains private and reliable
- Protecting back-end databases from unauthorized entry over public networks

To help you reduce liabilities and guard against fraud, IBM has developed solutions designed to help financial institutions define and implement secure and integrated e-business architecture. We offer complete, end-to-end, secure e-business solutions that support both traditional business and new e-business environments. IBM solutions include technologically advanced encryption hardware, software and services to address every important aspect of security, including digital certificates, secure financial transactions and network protection.

By 2001, analysts expect the number of banks offering Internet services—including account inquiries, fund transfers and bill paying—to double. Customers appreciate the convenience of 24x7 Internet access to their accounts, and banks welcome the opportunity to provide higher levels of services through this lower-cost channel.

IBM SecureWay Software

No matter which IT resources you need to protect, IBM SecureWay® Software has a solid set of integrated security offerings, delivering the reliability, availability and ease of use your customers demand.

IBM SecureWay FirstSecure is a comprehensive security framework for e-business that provides firewall protection, encryption, digital certificates, virus protection, access control, intrusion detection and protection, centralized policy enforcement, toolkits and implementation services to quickly deploy secure e-business solutions. FirstSecure software offerings include:

IBM SecureWay Boundary Server: Designed to help protect your corporate network from unauthorized access while facilitating e-business over the Internet.

IBM SecureWay Toolbox (formerly KeyWorks): One of the first products in the industry to use the industry-accepted standard for open-platform security—Common Data Security Architecture (CDSA). SecureWay Toolbox allows businesses to build secure e-business applications that support a wide variety of server platforms and third-party software.



e-business



IBM SecureWay Trust Authority:

Allows you to issue and manage electronic certificates that identify parties in a transaction in a convenient, standardized fashion. Applications such as IBM WebSphere™ Commerce Suite can use certificates generated by IBM Trust Authority to improve security over traditional and password identification techniques.

IBM 4758 PCI Cryptographic

Coprocessor: Advanced technology provides a high-security, high-performance coprocessor that helps you get the most out of your technology investment by offloading compute-intensive cryptographic operations from the host system. The tamper-responding hardware environment of the coprocessor is ideal for securing sensitive computations and cryptographic operations.

IBM Security and Privacy Services

IBM Global Services has experienced consultants who can help assess your security needs, develop a seamless security solution and assist your IT department with the implementation. If desired, our consultants can continue to assist your company with periodic security checks and business recovery services.

The future of security

IBM is already helping many banks and other financial institutions achieve the benefits of highly secure e-business. To help make trusted e-business a reality, IBM is working with Identrus — a consortium of banks chartered to warranty identity and increase trust for transactions between business trading partners and financial institutions. As one of Identrus' solution partners, IBM is working with banks and merchants worldwide to deliver the complete set of software, hardware and services necessary to design, implement, operate, enable and support Identrus offerings. IBM is also working with the best-of-breed financial services industry software vendors to integrate our security solutions into their applications.

IBM has security solutions you can bank on today and that will pay dividends in tomorrow's competitive business world.

For more information

To learn more about IBM security solutions, contact your IBM client representative or IBM Business Partner. Or visit us on the Web at www.ibm.com/security.



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