

Secures network boundaries for your e-business communications



IBM SecureWay Firewall for Windows NT and AIX

Highlights

Provides trust in e-business communications through secure mail proxy features such as anti-spoofing and anti-spamming

Supports all three standard firewall architectures—expert filters, applications proxy and circuit-level gateway—in one integrated package

Includes the RSA ACE/Server with a two-user license at no additional charge

Manages and configures multiple, remote firewalls centrally

Provides easy, secure administration through Windows 95, Windows 98, Windows NT and AIX clients

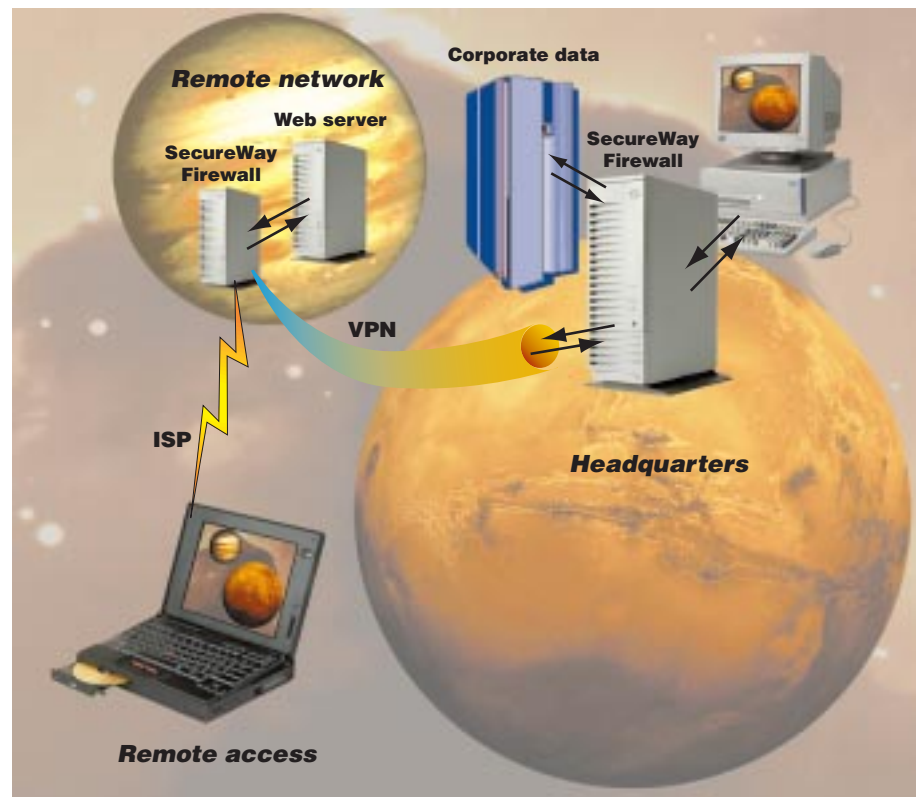
Eliminates the need for expensive leased lines by using the Internet as a virtual private network

Delivers high performance and availability through symmetric multiprocessor support

Disables unsafe platform services to provide a secure platform for the firewall

Scans the firewall and other hosts proactively to find potential security exposures

To promote your company's e-business growth, you require a robust, flexible solution to secure your network boundary points. An ideal solution provides trust in your critical Internet communications with customers, suppliers and partners. This solution also restricts access to unauthorized users, minimizes unwanted e-mail and mail spoofing, and offers administrators flexible, easy-to-use management features.



e-business

IBM SecureWay Firewall handles security needs at network boundary points, such as network access control, virtual private networking and user authentication.

Communicate safely and securely over the Internet

Now you can get the solution you've been looking for. IBM SecureWay® Firewall for Windows NT® and AIX®—which has protected the information assets of IBM and other global corporations for over ten years—is like having three firewalls in one. SecureWay Firewall contains all three critical firewall architectures—expert filters, applications proxy and circuit-level gateway—to provide you with a high level of security and flexibility.

External access to enterprise resources can be controlled through user authentication and authorization. Secure communication exchanges encourage the use of Internet-based applications by significantly reducing the risk of unprotected internal network resources and data.

Benefit from robust proxies used for Internet communications

With SecureWay Firewall, you get the benefits of robust proxies—including secure mail proxy and HTTP proxy—to send and receive Internet communications. The HTTP proxy, based on IBM

WebSphere® Web Traffic Express software technology, features efficient handling of browser requests through SecureWay Firewall. Employing this proxy enables user authentication, URL blocking through a wild-card-matching technique, easy-to-use management and administration capabilities, and support for standard logging schemes.

The secure mail proxy serves as an efficient, realtime gateway between two or more e-mail domains. Using this proxy, you can take action to determine if the sender has taken on another identity. You can also set parameters to reject objectionable or undesirable communications, like unsolicited e-mail, or junk mail.

Control access to your network

SecureWay Firewall can selectively restrict access to the enterprise by determining the source of access requests. SecureWay Firewall also provides you with a virtual private network (VPN), promoting secure communication with selected business partners and remote corporate sites—so you won't need to use expensive leased lines.

Open for trusted e-business with IBM SecureWay FirstSecure

IBM SecureWay FirstSecure enables companies to build and operate secure and trusted environments to conduct e-business. FirstSecure offers an integrated, policy-driven solution for your IT security needs, including digital identities, network boundary protection, detection for viruses and intrusions, and tools for developing secure applications. IBM SecureWay Firewall for Windows NT and AIX can be purchased separately; it can also be purchased as a component of FirstSecure or as a component of IBM SecureWay Boundary Server.

For more information

For more information about IBM SecureWay Firewall for Windows NT and AIX, visit:
www.ibm.com/software/security/firewall

To learn more about IBM SecureWay FirstSecure, visit:
www.ibm.com/software/security/firstsecure

IBM SecureWay Firewall for Windows NT and AIX features at a glance

Features	Benefits
Symmetric multiprocessor support	<ul style="list-style-type: none">• Improves performance and availability• Is available for IBM RS/6000® computers running the SecureWay Firewall for AIX and for IBM Netfinity® servers running the SecureWay Firewall for Windows NT
Configuration wizard	<ul style="list-style-type: none">• Reduces administration time and associated costs for initial setup
Configuration GUI	<ul style="list-style-type: none">• Simplifies user and group administration efforts• Provides context-sensitive help and easy access to online publications• Allows configuration changes to be made remotely over secure connections• Supports multiple authority levels for administrators
Enterprise firewall manager (SecureWay Firewall for AIX only)	<ul style="list-style-type: none">• Allows administrators to centrally manage remote, multiple firewalls from a single point• Reduces the cost and complexity of managing multiple firewalls
HTTP proxy	<ul style="list-style-type: none">• Supports the HTTP 1.1 protocol, providing support for user authentication• Blocks certain URLs through a wild-card-matching technique• Includes easy-to-use management and administration features• Supports standard logging schemes
Secure mail proxy	<ul style="list-style-type: none">• Serves as an efficient, realtime gateway between two or more e-mail domains• Verifies that the sender has not taken on another identity (anti-spoofing)• Reduces undesirable communications, like unsolicited e-mail (anti-spamming)
SOCKS Version 5 and SOCKS traffic monitor	<ul style="list-style-type: none">• Provides authentication and logging of user-specific activities• Supports UDP and TCP applications, such as RealAudio and RealVideo• Provides realtime session and protocol throughput statistics• Graphically displays data by connection or service
Expert filters	<ul style="list-style-type: none">• Controls traffic flow by time of day, address, port number, adapter, direction and protocol filtering• Easily configures the firewall to disallow inappropriate, bandwidth-consuming traffic
Network address translation	<ul style="list-style-type: none">• Hides internal IP addresses, making them invisible when in transit over a public network• Enables multiple, internal IP addresses to be mapped to a single, registered IP address
Isolation of subnets	<ul style="list-style-type: none">• Easily keeps multiple subnets within the network securely separated from one another• Allows for a DMZ (demilitarized zone) to keep Internet users from entering the secure network
Virtual private networking	<ul style="list-style-type: none">• Allows users to communicate securely with their business partners, suppliers and customers over the Internet• Enables firewall-to-firewall virtual networking with IPSec and DES or triple DES encryption
Reporting/logging/alerting	<ul style="list-style-type: none">• Provides the data to help you manage your Internet connection• Identifies usage patterns• Provides automatic and immediate notification of security breaches
Strong authentication with RSA ACE/Server and RSA SecurID Authenticators	<ul style="list-style-type: none">• Helps eliminate the security exposure of clear-text passwords• Helps prevent hackers from stealing your passwords• Includes a two-user license and two tokens with every firewall
Network security auditor	<ul style="list-style-type: none">• Helps increase security by proactively scanning the firewall and servers for security exposures• Generates easy-to-read, HTML-formatted reports
National language support	<ul style="list-style-type: none">• Supports French, Spanish, Italian, Brazilian Portuguese, traditional Chinese, simplified Chinese, Japanese, Korean and German• Allows administrators to use their native languages



IBM SecureWay Firewall for Windows NT at a glance

Hardware requirements	<ul style="list-style-type: none"> • 266MHz Pentium®-class processor • At least 64MB of memory (RAM)
Software requirement	<ul style="list-style-type: none"> • Microsoft® Windows NT Server 4.0
Hard drive	<ul style="list-style-type: none"> • Approximately 180MB
Media	<ul style="list-style-type: none"> • CD-ROM for installation
Network adapters	<ul style="list-style-type: none"> • Requires two or more of the adapters supported by NDIS
Configuration clients	<ul style="list-style-type: none"> • Microsoft Windows® 95 and Windows 98 • Windows NT • AIX
Network security auditor	<ul style="list-style-type: none"> • AIX

IBM SecureWay Firewall for AIX at a glance

Hardware requirements	<ul style="list-style-type: none"> • RS/6000 (uniprocessor and SMP models) • 128MB of memory (RAM)
Software requirement	<ul style="list-style-type: none"> • AIX, Version 4.3.2 or Version 4.3.3
Hard drive	<ul style="list-style-type: none"> • Approximately 180MB
Media	<ul style="list-style-type: none"> • CD-ROM for installation
Network adapters	<p>Requires two or more of the following:</p> <ul style="list-style-type: none"> • Token-Ring • FDDI • IBM S/390® • X.25
Configuration clients	<ul style="list-style-type: none"> • Windows 95 and Windows 98 • Windows NT • AIX
Network security auditor	<ul style="list-style-type: none"> • AIX

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For Windows NT and AIX



For AIX



For Windows NT



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