

# GB-Ware™

## The Software Firewall Alternative



Talk to most Internet security professionals and they will tell you that software firewalls provide the user with more power and versatility in matching firewall needs to hardware choices. However, they will also tell you that many software firewalls are expensive, as well as complicated to configure and maintain. On the other hand, firewall appliances are relatively easy to setup, but lack the flexibility of a software product. Where do you turn when your network demands the ease-of-use of an appliance combined with the power and flexibility of a software firewall? – GB-Ware™!

The GB-Ware is a software firewall powered by GNAT Box® System Software certified to ICSA 4.0 Corporate criteria. The GNAT Box System Software was designed from the ground up as an integrated firewall system with interoperability of features, easy installation and remote management. We supply the OS and firewall software – you supply the hardware.

Systems integrators can easily design a firewall system to meet their customer's needs. From repurposing older hardware into a full-featured firewall for less demanding networks, to providing maximum throughput with Gigabit Ethernet and high-speed processors for enterprise-wide firewalls, GB-Ware provides an easily adaptable firewall foundation.

## Features

### System Features

- 128,000 Concurrent Sessions (2,000 concurrent session on 10 user version)
- Stateful Packet Inspection
- GNAT Box System Software version 3.5 and higher
- Dynamic & Static NAT
- Secure Encrypted Remote Management
- Support for Multimedia Applications
- Secure Email Proxy (SMTP)
- DHCP Server
- LDAP & Radius support
- DMZ (private service network) (optional on 10 user version)
- DNS Server (optional on 10 user version)
- Dynamic DNS, DNS Proxy
- Gateway Failover
- NTP (Network Time Protocol)
- PPPoE and PPTP Support
- Surf Sentinel 2.0 Content Filtering (with subscription)
- Transparent Network Access for TCP, UDP and ICMP Standard Applications
- IP Spoofing Protection
- Protection From DoS Attacks
- Three User Interfaces – GBAdmin for Windows, Web, Console GUI
- Log information stored in WELF format
- SNMP Support for Monitoring

### Network Interfaces Supported

- 10/100 Base-T Ethernet
- 100 Base-SX Fiber Ethernet
- Gigabit Ethernet
- FDDI UTP, SAS, DAS

### VPN Features

- IPSec Standard
- Internet Key Exchange (IKE)
- One Mobile VPN Client Included

### Options

- VPN Hardware Acceleration support
- Multi-interface option (provides support for up to 20 interfaces)
- Additional Mobile VPN Clients
- Surf Sentinel 2.0 Content Filtering
- GB-Commander Firewall Control Center
- GTA Reporting Suite
- GTA certified 64 MB Compact Flash
- GTA VPN Accelerator card
- Support Contracts

### Additional Options for GB-Ware 10 user version

- User Count Upgrades for GB-Ware 10 user version
- Plus Services Upgrade for GB-Ware 10 user version (DMZ and DNS server)

## Minimum Requirements

- Intel or compatible 486, Pentium, Xeon, AMD and Cyrix CPU (Pentium class CPU recommended)
- 64 MB RAM minimum
- 2 Network cards
- Basic VGA display adapter (not required for operation if BIOS supports no display adapter or if installing sio version of software)
- 1 USB port
- CRT (required for installation only, not required for operation)
- Keyboard (not required for operation if BIOS supports no keyboard or if installing SIO version of software)
- ATAPI (IDE) CD-Rom (for installation only)
- ATA (IDE) compliance hard disk drive or supported CF card installed in IDE adapter – 64MB minimum
- 3.3v PCI bus slot (required for optional GTA VPN Acceleration Card)

## High-Value, Full-Featured Firewall

GB-Ware offers all the best – full flexibility in hardware configuration, plus the ease-of-use of time-tested GNAT Box System Software installed on your choice of IDE controlled storage devices (supports both hard disk drive or CompactFlash media). With the operating system integrated in the firewall software, the security risks normally inherent in operating systems are eliminated. No more concerns about hardening techniques or tracking new security risks.

A full-featured firewall, GB-Ware offers features commonly found in higher priced firewall products. Built-in IPSec VPN functionality, including one mobile VPN client, allows employees to securely enjoy the benefits of intranet web sites, email, conferencing and file sharing while working outside the network. And full interoperability with other GTA firewalls makes it a snap to implement site-to-site VPN tunnels to branch offices that have installed GTA Firewall Appliances.

Using GB-Ware in a variety of environments is easy with support for NAT (dynamic and static), SMTP, PPPoE, PPTP, PPP ISDN/Async modem, and DHCP services. With support for Gigabit Ethernet, 10/100 Ethernet, and PPP/PPPoE you decide what type of network connectivity best suits your needs. Need more ports? Simply purchase the multi-interface option to provide you with support for up to twenty total network interfaces.

## Key Benefits

### Performance

GB-Ware is a high performance system that supports 128,000 concurrent connections and complete transparent operation for standard TCP, UDP and ICMP-based applications, along with support for many of today's real-world applications.

### Flexible

GB-Ware runs on your choice of hardware – 486 CPU or better – and includes support for Gigabit and hundreds of Ethernet cards. With DHCP Services, DNS Server, IPSec standard VPN, built-in local URL filtering, and optional Surf Sentinel® 2.0 subscription based content filtering, GB-Ware can meet your firewall needs.

### Cost of Ownership

The value-priced GB-Ware offers the power and versatility of GTA's higher end firewall appliances, with the flexible configuration options of a software firewall. By combining your choice of hardware with GB-Ware's unrestricted user license, built-in IPSec VPN, stateful packet inspection, along with ease of configuration and operation, GB-Ware delivers one of the best price/performance values in today's firewall market.

### Proven Technology

GB-Ware is powered by GNAT Box Firewall System Software certified to meet ICSA 4.0 corporate standards. You can trust the security technology backed by 10 years experience and used at tens of thousands of sites around the globe in a variety of environments from e-commerce and telecommuting, to intranets at Fortune 500 companies, to extranets at schools and government offices.

### Easy Management

GB-Ware includes three user interface options – GB-Admin (Windows), Web, and console. GB-Ware may be remotely managed through GTA's Firewall Control Center™ utilizing GB-Commander™. Track firewall usage using GTA Reporting Suite for real-time reports from firewall log data. GB-Commander and GTA Reporting Suite are sold separately.

### Configurations

GB-Ware is available in 10-user and unrestricted user configurations. Both configurations include IPSec VPN client with 1 mobile client. Options include multi-interface option, support for VPN hardware accelerator card, Surf Sentinel 2.0 content filtering subscriptions, and support contracts. Upgrades options for services and user counts also available for the 10-user version of GB-Ware.

### GB- Pro and GB-Flash Owners

GTA offers a trade-up program that allows you to gain all the advanced features and performance of GB-Ware at a reduced price.



**Global  
Technology  
Associates, Inc.**

3505 Lake Lynda Drive, Suite 109 • Orlando, Florida 32817 USA

**Tel:** +1.407.380.0220  
**Email:** info@gta.com

**Fax:** +1.407.380.6080  
**Web:** www.gta.com