

GB-Ware

Software Firewall UTM System



Key Features

GB-Ware

- » Comprehensive Software Firewall UTM System
- » User Selectable Hardware Platform
- » Powerful Traffic Management
- » Flexible Implementation
- » IPSec VPN
- » UTM Threat Management
 - IPS
 - Anti-Virus
 - Anti-Spam
 - URL filtering
- » Supports up to 20 NICs
- » Gigabit Ethernet Support
- » Available in 10 or Unrestricted User Configurations
- » ICSA 4.1 Corporate Certified
- » Supports Hardware VPN Acceleration



The Software Unified Threat Management Alternative

GB-Ware Software Firewall UTM System is GTA's most flexible product offering - a total gateway perimeter solution that can be installed on hardware of your choosing. With the operating system integrated in the firewall UTM software, the security risks normally inherent in operating systems are eliminated. Installation and configuration are simple with no concerns about OS hardening techniques or tracking new security risks. The GB-OS system software is installed on your choice of IDE or SATA controlled storage devices - both hard disk drives and CompactFlash media are supported. Powered by GB-OS system software, GB-Ware includes advanced features such as Dynamic Gateway Architecture and Gateway Sentinel. Dynamic Gateway Architectures allows GB-Ware systems to be customized to fit nearly any network design from simple plug-and-play to utilizing advanced configuration and routing features such as load balancing and gateway failover for up to six gateways. Gateway Sentinel, GTA's suite of threat management products and services, includes a robust intrusion prevention system, Internet content filtering and email proxy with basic email filtering. Expanding the UTM features is easy and affordable with Mail Sentinel Anti-Virus, Mail Sentinel Anti-Spam and Surf Sentinel URL content filtering. GB-Ware's base configuration for 10 or unrestricted users allows system integrators to easily design a firewall UTM system that meets their customer's needs. GB-Ware meets ICSA 4.1 Corporate criteria.

Comprehensive Feature Set

GB-Ware Firewall UTM Systems' advanced features include multi-WAN failover, load sharing, policy based traffic management, and dynamic routing options such as routing based on policy, source, protocol or ports. These flexible routing features provide business continuity by assuring network up-time. Perimeter threat management includes IPS, DoS, DDoS, anti-virus, anti-spam and URL filtering. Full interoperability with other GTA firewalls makes it a snap to implement site-to-site IPSec VPN tunnels to branch offices that have installed GTA Firewall UTM Appliances. When your network demands the ease-of use of an appliance combined with the power and flexibility of a software firewall, GB-Ware is the ideal solution.

Expandability

GB-Ware, available in either 10 users or unrestricted users, runs on your choice of hardware - 486 CPU or better - and includes support for hundreds of Ethernet cards, including Gigabit Ethernet. User counts can be incrementally increased through purchase of activation codes. 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 support up to twenty total network interfaces.

Proven Technology

GTA's GB-OS Firewall UTM operating system has been evolving since its introduction in 1994. Selected around the globe by thousands of corporations large and small, GB-OS system software meets ICSA stringent 4.1 corporate criteria for Internet security firewalls. Today, GB-OS 5.0 builds upon the legacy of 15 years of GTA Internet security experience.

UTM Features

Unlock the GB-Ware Software Firewall UTM System's full UTM capabilities with the following features:

- » **Intrusion Prevention System**
GTA's IPS compares data packets to over 4000 signature-based policy definitions to recognize attacks and protect against network anomalies. IPS carefully analyzes traffic and automatically blocks attacks before they can reach the network. IPS configuration options include the selection of protected services and the handling of suspect packets.
- » **Mail Sentinel Anti-Virus**
The Mail Sentinel Anti-Virus subscription option, powered by Kaspersky Lab's anti-virus technology, provides real-time virus and malware scanning of email against a database of nearly 100,000 virus definitions.
- » **Mail Sentinel Anti-Spam**
Mail Sentinel Anti-Spam subscription option, powered by MailShell's multi-level anti-spam technology, offers customizable spam blocking and filtering for the GB-Ware's email proxy.
- » **Surf Sentinel 2.0**
Surf Sentinel 2.0 content filtering subscription option, powered by industry leader Surf Control, allows organizations to increase productivity and reduce liability by limiting access to unproductive or inappropriate web sites based on 41 category ratings.

Product Part Numbers

GB-Ware 10 Users
GB-Ware Unrestricted Users

FSP235-0010-00000
FSP235-9999-00000

Recommended System Requirements

| | |
|--------------------------|--|
| CPU | Pentium-class processor |
| RAM | 512 MB |
| HDD/CF Card | 512 MB (or higher) HDD or GTA certified Compact Flash card |
| NICs | Two (2) |
| Serial (RS-232/COM) Port | One (1) |
| USB Port | One (1) |
| CD-ROM | One (1) |
| Video Card (VGA) | One (1) |
| Keyboard | One (1) |
| Available PCI Slots | One (1), if installing GTA VPN Acceleration Card |

Optional Features

GTA VPN Acceleration Card

The GTA VPN Acceleration Card off-loads the processing of time-consuming encryption algorithms that can impact system performance by freeing up the host processor to perform primary tasks more efficiently. The GTA VPN Acceleration Card is installed in an available PCI slot. The GTA VPN Acceleration Card requires the VPN Acceleration Option, available separately.

Multi-Interface Option

The Multi-Interface Option provides support for up to 20 total interfaces.

Firewall Modes & System Features

- 128,000 Concurrent Connections (unrestricted users)
- 2,000 Concurrent Connections (10 users)
- Unrestricted Allowed Hosts
- NAT / PAT
- Interface Bridging
- IP Aliasing
- Stateful Packet Inspection
- Stealth Mode
- Time-based Policies
- Static Routing
- Configuration Objects

Networking & Connectivity Features

- Dynamic Gateway Architecture
- Gateway Failover Selector
 - Multiple WAN Link Support
- Gateway Selector
- Load Balancing
- PPP
- PPPoE
- PPTP Client
- DHCP Client
- ISDN Support
- Async Modem
- USB GSM Modem
- PAP / CHAP Authentication
- VLAN

Services

- Network Time Service
- DHCP Server
- Dynamic DNS
- DNS Proxy
- SMTP Email Proxy
- Multiple Email Domains Supported
- HTTP Proxy
 - Traditional and Transparent

Logging & Monitoring

- WELF Formatted Remote Logging to GTASyslog
- SNMP Management Viewing
- Active Status
- GB Commander and GTA Reporting Suite Support

VPN

- IPSec VPN
- Included GTA Mobile VPN Client License
- Encryption - DES, 3DES, AES and Blowfish
- Authentication - SHA-1, SHA-2, MD5
- VPN Certificate or Pre-shared Secret Authentication
- Hub and Spoke VPN Support
- Manual Key and Auto IKE
- Aggressive Mode
- NAT Through VPN

Traffic Management

- Traffic Shaping
- Policy Based Routing
 - Source, Destination, Port and Address
- Bandwidth Management

URL Content Filtering

- Local Content Lists
- Access Control Lists
- Block Java, JavaScript and ActiveX

Firewall Management

- Web and Console User Interfaces
- GB Commander Support
- Multi-Language Support
- SSL Secure Remote Management
- Multiple Administrative Accounts
- Configuration Verification
- System Software Rollback
- Automatic System Updates

User Authentication

- Firewall Authentication with GBAuth, LDAP & RADIUS
- IPSec VPN Authentication

Intrusion & DoS Prevention

- Customizable IPS Policies
- Alarm Coalescing
- IP Spoofing Protection
- DoS Prevention and Alerting
- Customizable Alarm Thresholds
- Email and Pager Alarm Notifications

Mail Sentinel Anti-Virus Subscription Option

- Automatic Virus Definition Updates
- Block Email by File Size
- Reject or Quarantine Virus Email
- Subject Line Tagging of Virus Email

Mail Sentinel Anti-Spam Subscription Option

- Multiple Category Rating System
- Subject Line Tagging by Category
- Reject or Quarantine by Category
- User-defined White and Black Lists
- Greylisting
- Automatic Rule Updates

Surf Sentinel Subscription Option

- 41 Category Ratings
- Automatic URL Catalog Updates

Certifications and Compliance

- ICSA Corporate 4.1 Certification



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