

GB-Ware

Software Firewall UTM System



Key Features

GB-Ware

- » Comprehensive Software Firewall UTM System
- » Virtualized GB-Ware Support
- » 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 make 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.

Virtualized GB-Ware

Installation of a Virtualized GB-Ware Software Firewall UTM system expands on the implementation options available for GTA systems. Support of GB-Ware running on a VMWare system or Citrix XenServer is included in GB-OS 5.1. Customers operating Virtual Machine (VM) hosts can now run both their GB-Ware firewall and network services on the same hardware.

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.

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.
- » **Mail Sentinel Anti-Virus**

The Mail Sentinel Anti-Virus option 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**

Surf Sentinel content filtering subscription option allows organizations to increase productivity and reduce liability by limiting access to unproductive or inappropriate Web sites based on over 70 category ratings.



Product Part Numbers

GB-Ware 10 Users
GB-Ware Unrestricted Users

FSP235-0010-00000
FSP235-9999-00000

Recommended GB-Ware System Requirements

CPU	Pentium-class processor
RAM	512 MB
HDD/CF Card	2 GB (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

Recommended Virtualized GB-Ware System Requirements

Virtual RAM	512 MB
Virtual Hard Disk Space	1 GB
Virtual NICs	Two (2)

Supported VM Hosts:

- VMWare
- XenServer

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
 Installation on VM (Virtual Machines)

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, Blowfish and Camellia
 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
 BGP, OSPF, RIP v1, v2
 Policy Based Routing
 Source, Destination, Port and Address
 Bandwidth Management

URL Content Filtering

Local Content Lists
 Access Control Lists
 Time Based Policies
 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
 Active Directory Single Sign On

Intrusion & DoS Prevention

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

Mail Sentinel Anti-Virus

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

70+ Category Ratings
 Automatic URL Catalog Updates

Certifications and Compliance

ICSA Corporate 4.1 Certification

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.



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