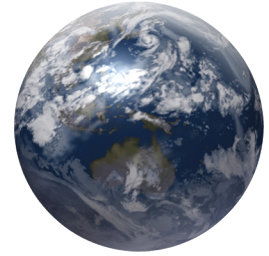


# GB-Ware

## Software Firewall UTM System



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.

### GB-Ware Key Features

- Comprehensive Software Firewall UTM System
- Virtualized GB-Ware Support
- User Selectable Hardware Platform
- Powerful Traffic Management
- Flexible Implementation
- IPv6 Support
- IPSec VPN
- SSL VPN
- UTM Threat Management
  - IPS
  - Anti-Virus
  - Anti Spam
  - Web Filtering
- Supports up to 20 NICs
- Gigabit Ethernet Support
- Available in 25 User, Unrestricted User or Enterprise Configurations
- Supports Hardware VPN Acceleration

### The Software Unified Threat Management Alternative

With the operating system integrated in the GB-Ware 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 20 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 Proxy Anti-Virus and Anti-Spam, as well as Web Filtering with URL categorization. GB-Ware's base configuration for 10 users, unrestricted users, or enterprise allows system integrators to easily design a firewall UTM system that meets their customer's needs.

### 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, Citrix XenServer and Microsoft Hyper-V is included in GB-OS 6.2 and above. Customers operating Virtual Machine (VM) hosts can run both their GB-Ware firewall and network services on the same hardware.

### Expandability

GB-Ware – available in either 10 users, unrestricted users, or enterprise – runs on your choice of hardware, Intel/AMD 486 class 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.

### Remote Access

Remote access is available with the GTA Mobile IPSec VPN Client, PPTP, L2TP, SSL Browser and SSL Client. Easy to install and setup, these options allow remote workers to securely access protected networks.

### UTM Features

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

#### IPS - 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 Proxy Anti-Virus

The Anti-Virus option provides real-time virus and malware scanning of email against a database of nearly 100,000 virus definitions.

#### Mail Proxy Anti-Spam

The Anti-Spam subscription option, powered by MailShell's multi-level anti-spam technology, offers customizable spam blocking and filtering for GB-Ware's email proxy.

#### Web Filtering

Web Filtering, a 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.

# GB-Ware

## Firewall Modes & System Features

- Over 3 million Concurrent Connections (memory dependent up to 4GB for Enterprise users)
- 128,000 Concurrent Connections (unrestricted users)
- 2,000 Concurrent Connections (10 users)
- Unrestricted Allowed Hosts
- IPv6 Support
- NAT / PAT
- Interface Bridging
- IP Aliasing
- Stateful Packet Inspection
- Stealth Mode
- Time-based Policies
- Country IP Blocking
- Static Routing
- Configuration Objects
- Installation on VM (Virtual Machines)
- High Availability Option

## Networking & Connectivity

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

## VPN

- Automatic Failover
- IPSec VPN
- SSL Browser & Client
- Included GTA Mobile VPN Client License
- PPTP
- L2TP
- 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

## Services

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

## 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
- Multi-Language Support
- SSL Secure Remote Management
- Multiple Administrative Accounts
- Configuration Verification
- System Software Rollback
- Automatic System Updates
- Automatic Backup

## Intrusion & DoS Prevention

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

## User Authentication

- Firewall Authentication with GBAuth, LDAP & RADIUS
- IPSec VPN Authentication
- Active Directory Single Sign-On

## Logging & Monitoring

- WELF Formatted Remote Logging to GTASyslog
- SNMP Management Viewing
- Active Status

## Reporting Tools

- Scheduled Reports
- Historical Statistics

## Mail Proxy Anti-Virus Option

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

## Mail Proxy 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

## Web Filtering Subscription Option

- 70+ Category Ratings
- Automatic URL Catalog Updates

## GB-Ware System Requirements

<b>CPU</b>	Intel/AMD processor
<b>RAM (varies by GB-Ware product type)</b>	User Limited - 512 MB Unrestricted - 1 GB Enterprise - 2 GB
<b>HDD/CF Card</b>	2 GB (or higher) HDD or GTA certified Compact Flash card
<b>NICs</b>	Two (2)
<b>Serial (RS-232/COM) Port</b>	One (1)
<b>USB Port</b> (USB Modem optional)	One (1)
<b>CD-ROM</b>	One (1)
<b>Video Card (VGA)</b>	One (1)
<b>Keyboard</b>	One (1)
<b>Available PCI Slots</b>	One (1), if installing GTA VPN Acceleration Card

## Virtualized GB-Ware System Requirements

<b>Virtual RAM (varies by GB-Ware product type)</b>	User Limited - 512 MB Unrestricted - 1 GB Enterprise - 2 GB
<b>Virtual Hard Disk Space</b>	2 GB
<b>Virtual NICs</b>	Two (2)

## Supported VM Hosts

- VMWare
- XenServer
- Hyper-V

## 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.

## Product Part Numbers

- GB-Ware 25 Users
  - FSP235-0010-00000
- GB-Ware Unrestricted Users
  - FSP235-9999-00000
- GB-Ware Enterprise
  - FSP500-9999-00000

## Certifications and Compliance

- FCC / CE
- UL - USA and Canada
- RoHS



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