



**Technology Solutions, Inc.**

**Complete IT / VOICE**

Proactively Managing your Success



# CTS Internet Security Appliance

## Unleash the power of CTS Internet Security Appliance

CTS Internet Security Appliance offers the same technology that resides in the unified threat management (UTM) appliances making it possible to turn any PC into a full featured security appliance. Unleash the power of CTS Internet Security Appliance using preferred hardware to enable comprehensive security for your whole network infrastructure. Integrated security services such as stateful inspection firewall, VPN, gateway anti-virus, anti-spam, web security, and email content filtering offer granular protection in a single system, reducing management time and costs.

CTS designed the Internet Security Appliance to meet the needs of every business from small to large, providing maximum protection for your entire network.

### Highlights

- Comprehensive unified threat management to protect your network and optimize traffic flows.
- Easy configuration and management of advanced security services
- Mail and web protection with multi-layered application level filters
- Always up-to-date with latest anti-spam, anti-spyware, anti-virus and content filtering services



## Internet Security Appliance

### Network Security

- Stateful Packet Firewall
- Demilitarized Zone (DMZ)
- Intrusion Detection
- Multiple Public IPs
- Traffic Shaping
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- Anti-Spoofing Protection

### Web Security

- HTTP & FTP proxies
- Anti-virus (100,000+ patterns)
- Transparent Proxy support
- Content Analysis/Filtering
- URL Blacklist

### Mail Security

- SMTP & POP3 proxies

- Anti-spam with Bayes, Pattern, SPF,
- Heuristics, Black- and White-lists support
- Anti-virus (100,000+ patterns)
- Transparent Proxy support
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC)
- Greylisting

### Management

- Easy Web-based Administration (SSL)
- Secure Remote SSH/SCP Access
- Serial Console

### Network Address Translation

- Static NAT (Port Translation)
- One-to-One NAT
- IPSec NAT Traversal

### Routing

- Static Routes
- Source Based Routing
- Destination Based Routing

### Logging/Reporting

- Live Log Viewer (AJAX based)
- Detailed User Based Web Access Report
- Network/System/Performance Statistics
- Syslog: Local or Remote

### Updates and Backup

- Anti-virus Definitions
- URL Blacklist Definitions
- Scheduled Automatic Backup
- Encrypted Backups via E-mail
- Instant Recovery/Backup to USB-Stick

# Firewall

- **Network Security:** Stateful Inspection Firewall and Advanced Networking features to protect your network
- **Mail Security:** Gateway Anti-Spam, Anti-virus to protect your day-to-day Email Communication
- **VPN:** Secure communication with branch/remote offices and teleworkers. Work anywhere, anytime.

## Features: System Requirements/Hardware Support

**CPU** Intel x86 compatible (500MHz minimum, 1GHz recommended), including VIA, AMD Athlon, Athlon 64, Opteron, Intel Core 2 Duo, Xeon, Pentium and Celeron processors

**Multi-Processor** Symmetric Multi-Processor (SMP) support included

**RAM** 256MB minimum (512MB recommended)

**Disk** SCSI, SATA, SAS or IDE disk is required (4GB minimum)

**Software RAID** For software RAID1 (mirroring) two disks of the same type (the capacity must not be the same) are required

**Hardware RAID** SCSI and SAS RAID systems and controllers are supported

**CDROM** An IDE, SCSI or USB CDROM drive is required for installation (not required after installation)

**Network Cards** Most common Network Interface Cards are supported including Gigabit and fiber NICs

**Monitor/Keyboard** Only required for the installation but not for configuration and use

**Operating System** CTS Internet Security Appliance includes a Hardened Linux Based Operating System



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**Celebrating 25 years in business...  
providing exceptional service, building  
long term partnerships with our customers,  
and being a pioneer in communications  
technology.**

### MISSION STATEMENT

CTS provides exceptional value through managed services that assures a fixed cost for our business partners. Our highly trained and motivated professionals constantly strive to offer proactive services that maximize the profits, productivity, and competitive advantages of those partners.

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