

ENDIAN UTM SOFTWARE

NETWORK SECURITY FOR SMALL TO LARGE BUSINESS



Build Your Own: Runs on virtually any hardware platform



Complete Security: Protect your critical business resources



Scalability: Delivers a highly scalable solution to both small- and mid-size companies



Turn any PC into a Unified Threat Management Appliance

Endian UTM Software Appliance offers the same technology that resides in the Endian Unified Threat Management (UTM) hardware appliances, making it possible to turn any PC into a full featured security appliance. Unleash the power of Endian UTM using your 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 e-mail content filtering offer granular protection in a single system, reducing management time and costs. Endian designed UTM Software Appliance to meet the needs of every business from small to large, providing maximum protection for your network.

Powered Network Security: Stateful inspection firewall and advanced networking features to protect your network.

Quality of Service and Bandwidth Management: to guarantee the best quality for VoIP calls and critical services in your network.

Intrusion Prevention System: powered by Snort. Packets that match any of the configured rules can be allowed, blocked or logged.

Hotspot: Enable secure Internet access in public areas for wireless and wired networks.

VPN: Secure communication with branch/remote offices and teleworkers. Work anywhere, anytime.

Mail Security: Gateway anti-spam, anti-virus to protect your day-to-day e-mail communication.

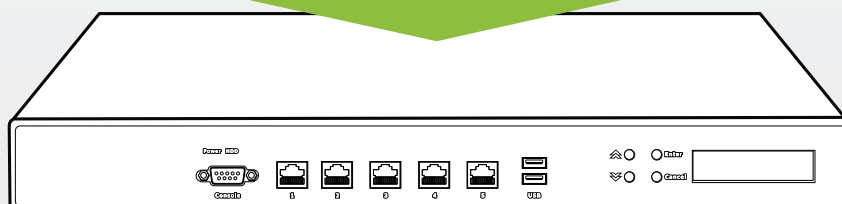
High Availability: Keep your network up and running even after an Internet connection or hardware failure.

Endian Network: Centralize the configuration and update management of multiple appliances.

Web Security: Strong authentication, anti-virus and content filtering for secure Internet access

Event handling and notification: on predefined events e-mail notifications are automatically sent to the system administrator.

It's all in your hardware



Highlights

- Comprehensive Unified Threat Management to protect your network and optimize traffic flows
- Works with the hardware of your choice and turns it into a fully featured security appliance
- Easy configuration and management of advanced security services
- E-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
- Centralized management and provisioning through Endian Network
- Instant recovery to minimize downtime in case of a failure

Endian UTM Software Features

Network Security

- Stateful Packet Firewall
- Demilitarized Zone (DMZ)
- Intrusion Prevention (Snort)
- Multiple Public IPs
- Quality of Service and Bandwidth Management
- SNMP support
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- VLAN support (IEEE 802.1Q trunking)
- DNS Proxy/Routing
- ntop (not in 4i, Mini)
- Anti-Spyware
- Phishing Protection

Web Security

- HTTP & FTP proxies
- Anti-Virus (100.000+ patterns)
- Transparent Proxy support
- Content Analysis/Filtering
- URL Blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM Single Sign-On
- Group-based web content filter
- Group-based web access policies
- Time-based access control with multiple time intervals
- Sophos Anti-Virus (optional)

Mail Security

- SMTP & POP3 proxies
- Anti-Spam with Bayes, Pattern, and SPF
- Heuristics, Black- and White-lists support
- Anti-Virus (100.000+ patterns)
- Transparent Proxy support
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC)
- Greylisting
- Commtouch RPD (optional)
- Sophos Anti-Virus (optional)

Virtual Private Networking

- True SSL/TLS VPN (OpenVPN)
- IPsec
- Encryption; DES, 3DES, AES 128/192/256-bit
- Authentication: Pre-Shared Key, Certification Authority, and Local
- Support for VPN over HTTPS Proxy (OpenVPN)
- True SSL/TLS VPN (OpenVPN)
- Encryption; DES, 3DES, AES 128/192/256-bit
- Authentication: Pre-Shared Key, Certification Authority, and Local
- Support for VPN over HTTPS Proxy (OpenVPN)
- IPsec with L2TP and PSK/certificate support
- Unified VPN user management

Hotspot

- Captive Portal
- Wired/Wireless support
- Pre-/Post-paid and free Tickets
- Traffic-based Tickets
- Integrated RADIUS service
- Connection Logging
- Per-user and global bandwidth limiting
- MAC-address-based user accounts
- User accounts import/export per CSV
- Single-click ticket generation (Quick ticket)
- Automatic client network configuration (support for DHCP and static IP)
- Generic JSON-API for external accounting and third party integration
- SmartConnect SMS user registration
- SmartConnect E-Mail user registration
- Password recovery
- Ticket validity
- Userless portal

High Availability

- Hot Standby (active/passive)
- Node Data/Configuration Synchronization

Multi-WAN with Failover

- Support for multiple Uplinks/WANs
- Automatic WAN Uplink Failover
- Monitoring of WAN Uplinks
- Uplink types: Ethernet (Static/DHCP), PPPoE, ADSL, ISDN, PPTP
- UMTS/GPRS/3G support
- Extended Support for GPRS/UMTS USB 3G devices

Routing

- Static Routes; Source-based Routing
- Destination-based Routing
- Policy-based Routing (based on interface, MAC, protocol, or port)

Network Address Translation (NAT)

- Destination NAT
- Incoming Routed Traffic
- One-to-One NAT
- Source NAT (SNAT)
- IPsec NAT Traversal

Logging and Reporting

- Real-time Dashboard
- Event handling and notification
- Live Log Viewer (AJAX-based)
- Detailed User-based Web Access Report (not in 4i, Mini)
- Network/System/Performance Statistics
- Rule-based logging settings (Firewall Rules)
- Syslog: Local or Remote
- OpenTSA trusted timestamping

Feature Highlights



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 20GB recommended)
Software RAID:	For software RAID1 (mirroring) two disks of the same type (the capacity needn't be the same) are required
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:	Endian Firewall includes a Hardened Linux Based Operating System

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