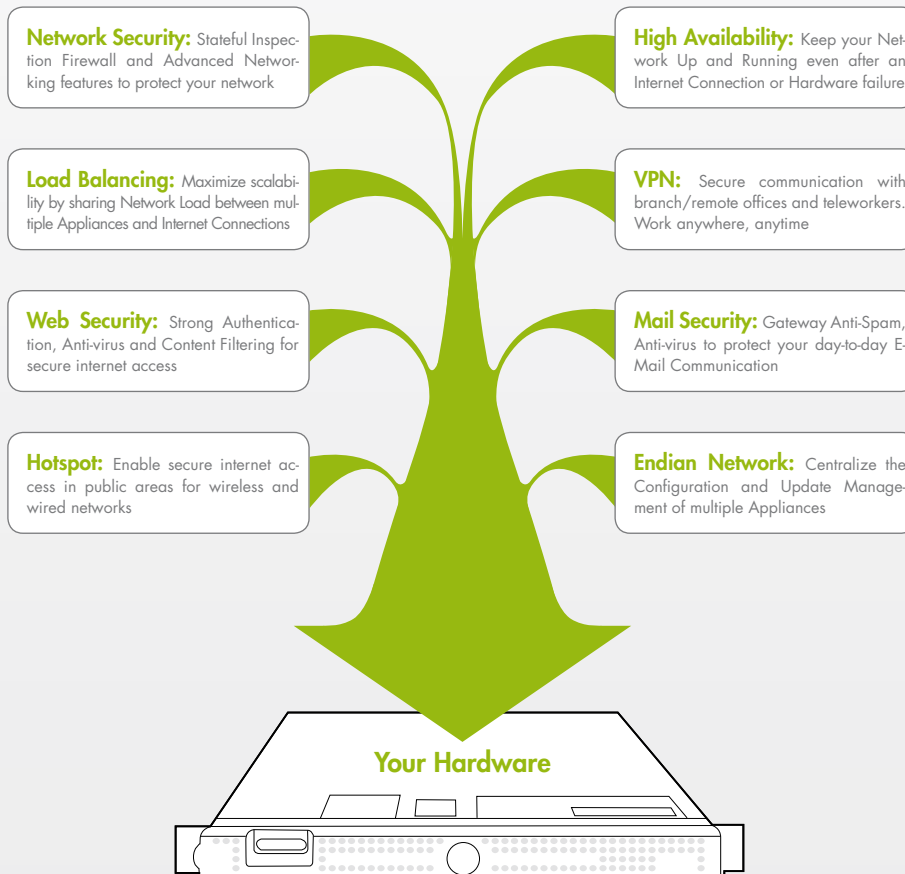




## Turn any PC into a Unified Threat Management Appliance

Endian Firewall Software Appliance offers the same technology that resides in the unified threat management (UTM) appliances by Endian, making it possible to turn any PC into a full featured security appliance. Unleash the power of Endian Firewall 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 email content filtering offer granular protection in a single system, reducing management time and costs. Endian designed the Software 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
- **Works with the hardware of your choice** and turns it into a full featured security appliance
- **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
- **Centralized management and provisioning** through Endian Network
- **Instant Recovery** to minimize downtime in case of a failure

## Features

### 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
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM Single Sign-On
- Group Based Access Control

### 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

### VPN

- True SSL/TLS VPN (OpenVPN)
- IPSEC
- Encryption; DES, 3DES, AES 128-, 192-, 256-bit
- Authentication: Pre-Shared Key, X.509, Certification Authority, Local
- PPTP Passthrough
- Native VPN Client for MS Windows, MacOSX and Linux

### Hotspot

- Captive Portal
- Wired/Wireless support
- Pre-/Post-paid and free Tickets
- Integrated RADIUS service
- Connection Logging
- No additional software/hardware required

### Management

- Easy Web-based Administration (SSL)
- Secure Remote SSH/SCP Access
- Serial Console
- Centralized Management through Endian Network (SSL)

### High Availability

- Multi-Node Appliance Cluster \*
- Hot Standby (active/passive) \*
- Load Balancing (active/active) \*
- Node Data/Configuration \* Synchronization \*

### WAN Failover

- Automatic WAN Uplink Failover \*
- Monitoring of WAN Uplinks \*
- VPN Failover \*

### 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

- Centralized Updates through Endian Network
- Anti-virus Definitions
- URL Blacklist Definitions
- Scheduled Automatic Backup
- Encrypted Backups via E-mail
- Instant Recovery/Backup to USB-Stick \*

\* Available with the 2.2 release

## System Requirements/Hardware Support

<b>CPU</b>	Intel x86 compatible (500MHz minimum, 1GHz recommended), including VIA, AMD Athlon, Athlon 64, Opteron, Intel Core 2 Duo, Xeon, Pentium and Celeron processors	<b>Hardware RAID</b>	SCSI and SAS RAID systems and controllers are supported
<b>Multi-Processor</b>	Symmetric Multi-Processor (SMP) support included	<b>CDROM</b>	An IDE, SCSI or USB CDROM drive is required for installation (not required after installation)
<b>RAM</b>	256MB minimum (512MB recommended)	<b>Network Cards</b>	Most common Network Interface Cards are supported including Gigabit and fiber NICs
<b>Disk</b>	SCSI, SATA, SAS or IDE disk is required (4GB minimum)	<b>Monitor/Keyboard</b>	Only required for the installation but not for configuration and use
<b>Software RAID</b>	For software RAID1 (mirroring) two disks of the same type (the capacity must not be the same) are required	<b>Operating System</b>	Endian Firewall includes a Hardened Linux Based Operating System

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