



Secure everyThing

The Simplest and Most Secure UTM Available



Network Security:

All-in-one full UTM hardware, software and virtual appliances.



BYOD & Hotspot:

Provide secure and simple Internet access for guests and coworkers.



Quick & Easy Management:

Configure once, deploy everywhere using secure central management

Endian UTM Highlights.

Protect and connect your network so you can get back to focusing on your business.



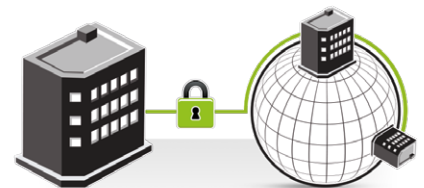
Application Control

Take control of the network by properly managing time-wasting, high bandwidth or non-business applications like Skype, WhatsApp, Dropbox, Facebook, Twitter and over 150 more. Endian makes it simple to manage applications on your network with just a few clicks, increasing productivity has never been easier.



Mail and Web Security

Provide safe and secure web browsing and email services to your office. Protect your users and network from viruses, malware, phishing and spam threats. This helps to increase productivity and protect your business from Internet threats.



Secure Remote Access

Work happens everywhere, enable your global workforce to access your network from anywhere with simple, secure remote access. Endian provides multiple VPN technologies to get your remote employees and office locations connected together securely.



Live Network Monitoring and Reporting

Do you know what's happening on your network? If not, your business could be losing valuable time and money. Our solution provides real-time and historical information to help you easily stay on top of your network activity and stop network abuse quickly.



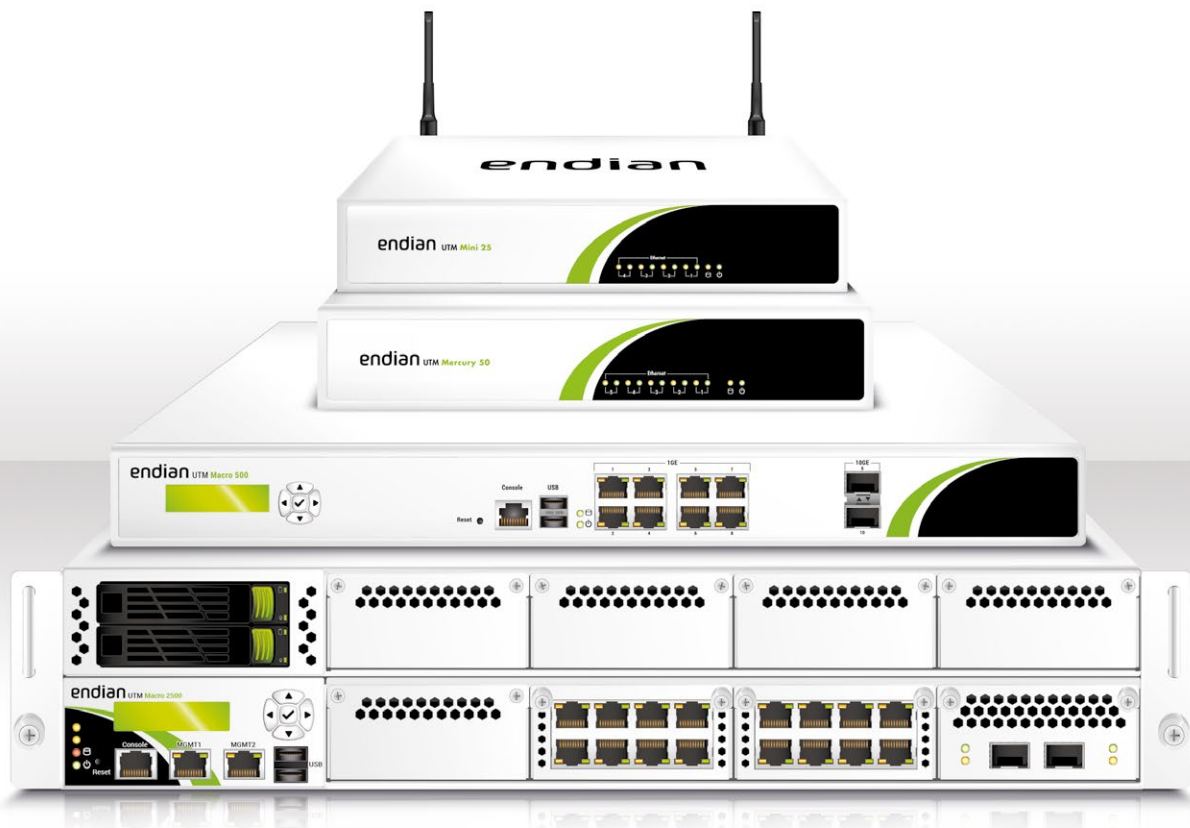
WiFi and Bring Your Own Device (BYOD)

Are you getting the most from your WiFi or guest networks? The Endian Hotspot solution can help protect those networks and offer them secure, separated Internet access all while maximizing their potential value to your business.



Endian Network Management and Updates

Endian Network is a free cloud-based, centralized management portal for secure remote access to all your Endian hardware, software and virtual appliances. This unified solution allows you to access, monitor, update and upgrade your Endian appliances.



Endian UTM supported Platforms and System

Endian appliances allow you to connect, secure and simplify the network security of your business. Our products provide an all-in-one solution combined with the best-in-class user interface. In addition, our pricing is all inclusive meaning you don't have to worry about spending extra for add-ons just to get the network security you need. We offer a variety of platforms including hardware, software and virtual appliances.



Hardware Appliance

A complete range of specifically designed appliances integrating our UTM software for everyone's security needs, from branch offices and industrial facilities to large networks.



Virtual Appliance

Protect your virtual networks and infrastructure in seconds. Support for all leading virtualization platforms (VMware, Xen/XenServer, Hyper-V, KVM).



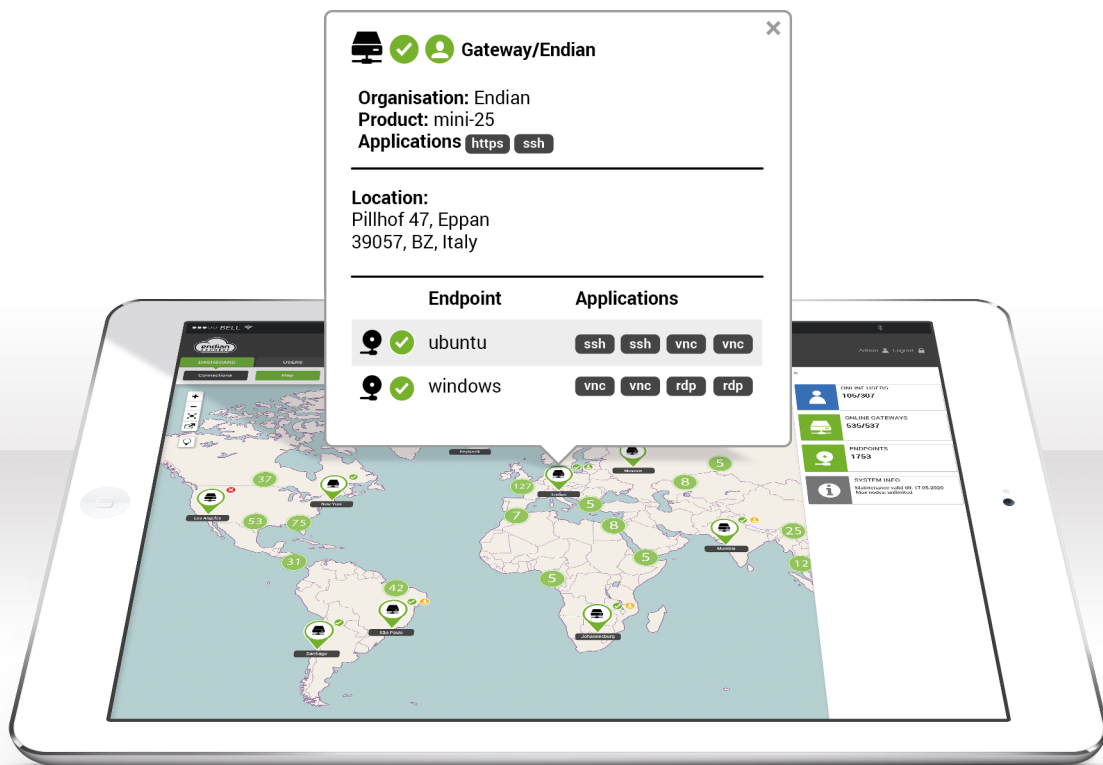
Software Appliance

Turn your favorite or existing hardware into a full-featured Endian UTM appliance. Scale your hardware resources up or down to suite your business network needs.

Endian Management Center

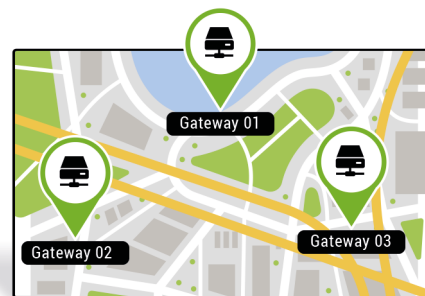
Configure Once. Deploy Everywhere

Centrally manage all your Endian appliances. Reduce administrator management time and effort and save valuable staff resources with centralized management made easy with Endian Management Center (EMC).



See Your Network in Real-Time

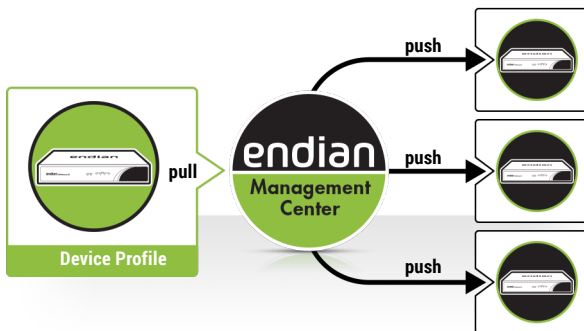
The Live Map feature is especially valuable within the Endian Management Center by providing a visual representation of your Endian global deployment.



The Perfect Switchboard Compliment

Add true centralized management capabilities to your Endian Connect Switchboard to manage and control your Endian ecosystem.





“Copy and Paste” with Device Profiles

Using device profiles, administrators can create a template of a configuration which can then be assigned to any device to replicate.



Secure by Design

The Endian Management Center was built to be secure from the ground up by only communicating with remote Endian appliances via secure (encrypted) channels and includes secure failover.

Management Center Features

Automatic Rollback

Should anything interfere with a profile deployment, the remote device will automatically revert to the last (previous) working configuration. No user or administrator intervention is required and the Switchboard user will receive a notification of failure.

Centralized Updates

Manage and synchronize all your remote device updates using a central console provided by the Endian Management Center. Additionally, the EMC will auto-update your remote devices prior to configuration changes to ensure synchronized platforms and a smooth update process.

Complete Profile History

View the complete profile history including all the configuration changes so you can track all device history from the Endian Management Center. Track changes and easily identify issues quickly and easily which can save time and effort and reduce your administration costs.

Additional Connect Platform Features

Live Map (View)

Ever wish you could see your remote networks and devices on a map (like the IT department)? Well now you can with our Live Map view. Not only can you see your remote IoT devices but you can see if someone's connected and/or connect to a device yourself.

Multi-Tenant Solution

Preserve organization, device and user/group permissions inside the Endian Management Center with multi-tenancy. You can easily create multiple organizations within the Connect Platform so you and your customers can use the EMC to manage your Endian appliances.

Build on Our Platform (API)

Need to build your own custom client or maybe even embed it into your platform? Ever wish your customer support and engineering platforms could be deeply integrated with your remote infrastructure? Our complete Connect Platform API opens up worlds of possibilities!

Hardware Solutions Small Networks



Endian UTM Mini 10

The Mini 10 is based on the EndianOS platform, which guarantees high performance, stability and flexibility to the appliance. The Mini 10 provides a high, out-of-the box security level. It is a small but powerful, easy to install and to maintain security gateway that shows its full strength in subsidiaries and companies with many departments.

Thanks to the integrated WiFi technology mobile devices can directly connect to the network.

Highlights

- 4 Ethernet Ports
- 2 GB RAM
- 8 GB Memory
- Desktop Appliance
- WiFi Upgrade Available



Endian UTM Mini 25

The ideal network security solution for small businesses and remote branch office locations takes a step forward. The new set and forget Endian gateway is built on a completely new platform and has double the power of the previous generation.

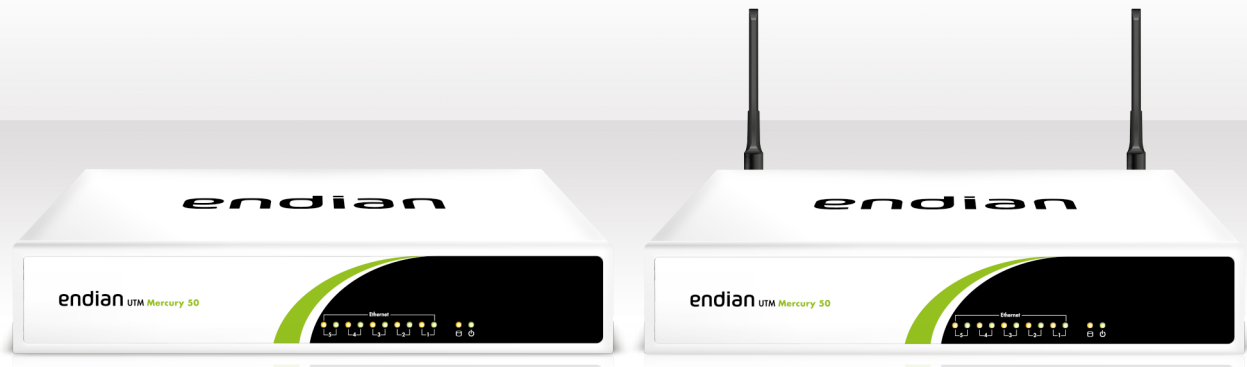
Endian UTM Mini 25 WiFi

This product offers a complete set of UTM features including a powerful hotspot solution that when utilized with our WiFi option makes this the only SMB solution you need to connect and protect your small business network.

Highlights

- 4 Ethernet Ports
- 2 GB RAM
- 16 GB Memory
- Desktop Appliance
- WiFi Upgrade Available

Hardware Solutions Medium Networks



Endian UTM Mercury 50

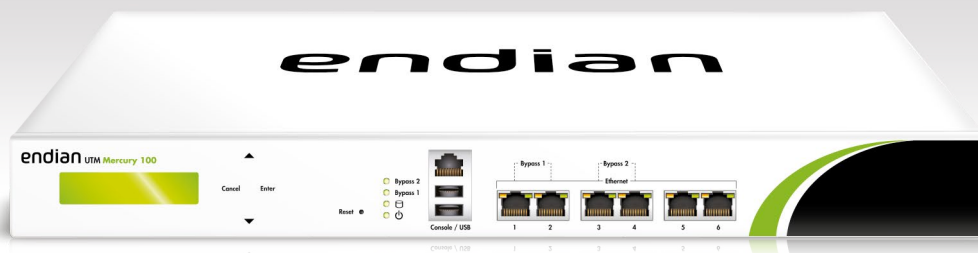
Conceived to handle the processing of heavy Internet traffic, emails and VPN connections to branch offices, the Mercury 50 is the ideal scalable solution to support your network growth.

Endian UTM Mercury 50 WiFi

Choose this powerful security appliance for your mid-size networks to provide your users with network management and protection. In addition to all of the network security and management features you get a built-in wireless access point that supports the latest WiFi standards.

Highlights

- 5 Ethernet Ports
- 4 GB RAM
- 320 GB Hard Disk
- Desktop Appliance
- WiFi Upgrade Available



Endian UTM Mercury 100

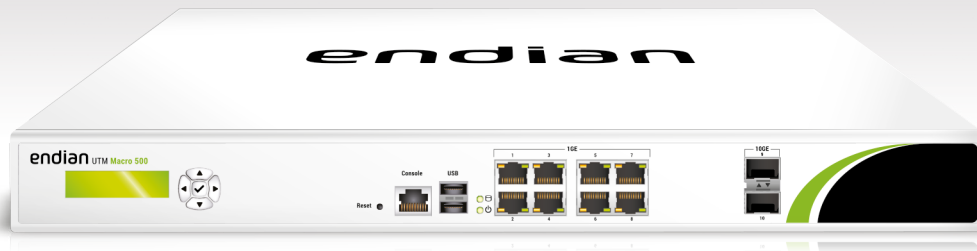
Fast, flexible and easy to use. The Mercury 100 guarantees high security standards combined with the globally recognized Endian Hotspot technology.

Application level filters, anti-virus, anti-spam, web filtering, VPN functionality and much more create a complete and reliable shield for your network from all internal and external threats.

Highlights

- 6 Ethernet Ports
- 4 GB RAM
- 2x320 GB Hard Disk
- LAN-Bypass
- Rack 1U

Hardware Solutions Large Networks



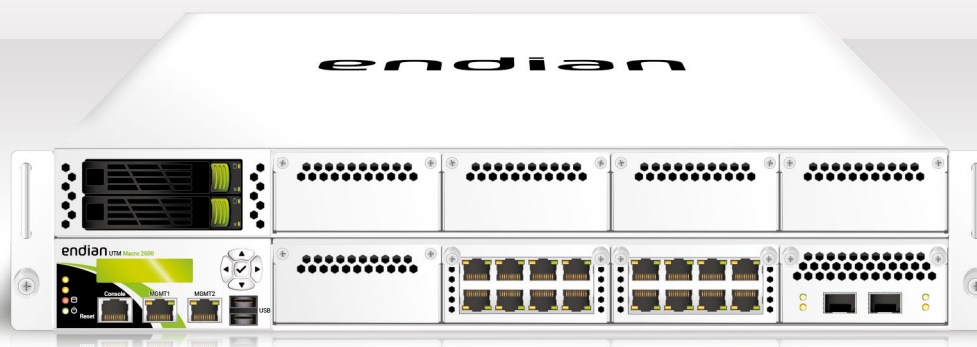
Endian UTM Macro 250 and 500

Large organizations and distributed enterprises often experience critical security issues. To constantly keep the protection at a high level the support of a reliable hardware appliance is needed.

The Macro 250 and 500 offer integrated security services such as stateful inspection firewall, VPN, gateway anti-virus, anti-spam, web and email content filtering as well as a powerful hotspot in a single product.

Highlights

- 8 Ethernet Ports
- 4 / 8 GB RAM
- 2x320 / 2x500 GB Hard Disk
- LAN-Bypass
- Rack 1U



Endian UTM Macro 1000 and 2500

Discover the new powerful Endian appliances equipped with twice the memory and the latest multi-core processor technology to boost your network performance.

The Macro 1000 and 2500 are the ideal gateways to manage and filter the traffic of the most demanding networks. These high-performance hardware appliances are specially conceived to offer a great combination of performance and protection to large enterprises.

Highlights

- 10 / 18 Ethernet Ports
- 16 / 32 GB RAM
- 2x500 / 2x1 TB HDD Raid
- LAN-Bypass
- Rack 2U
- 2x 10Gigabit SFP+ (optional)

Software Solutions

Turn any PC into a Unified Threat Management Appliance

The software appliance is ideal for those who are looking to leverage existing hardware (x86_64) for their networking and security needs. The product functionality is identical to our hardware appliances so no tradeoffs required.

The Endian UTM Software Appliance offers the same technology that resides in the Endian Unified Threat Management (UTM) hardware appliances, thus 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, hence reducing management time and costs.

| System Requirements | |
|-------------------------|--|
| CPU | Intel x86_64 compatible / 1GHz minimum (dual-core 2 GHz recommended) |
| Multi-Processor | Symmetric Multi-Processor (SMP) support included |
| RAM | 2 GB minimum (4 GB recommended) |
| Disk | SCSI, SATA, SAS or IDE disk is required (8GB minimum 20GB recommended) |
| Software RAID | For software RAID1 (mirroring) two disks of the same type are required (capacity can be different) |
| Hardware RAID | SCSI and SAS RAID systems and controllers are supported |
| CD-ROM | 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 UTM includes a hardened Linux-based Operating System |

Virtual Cloud Solutions

Secure and Protect your Virtual Infrastructure

Protect your virtual infrastructure from any potential threat with Endian's cutting-edge network security! Whether you are securing your internal virtual business environment, running a world-class hosting or colocation facility, or providing cloud services – the Endian UTM Virtual Appliance can provide superior network security to protect your virtual infrastructure from any potential threats.

| System Requirements | |
|-------------------------|--|
| CPU | Intel x86_64 compatible / 1 GHz minimum (dual-core 2 GHz recommended) |
| Multi-Processor | Symmetric Multi-Processor (SMP) support included |
| RAM | 2 GB minimum (4 GB recommended) |
| Disk | Support for full virtualization and paravirtualization / 8GB minimum (20 GB recommended) |
| CD-ROM | Physical and virtual drives as supported by the hypervisor |
| Network Cards | Support for full virtualization and paravirtualization |
| Operating System | Endian UTM includes a hardened Linux-based Operating System |
| Hypervisors | |

Endian UTM Features

Network Security

- Stateful packet firewall
- Application control (including Facebook, Twitter, Skype, WhatsApp and more)
- Demilitarized zone (DMZ)
- Intrusion detection and prevention
- Multiple public IP addresses
- Multiple WAN
- Quality of service and bandwidth management
- SNMP support
- VoIP/SIP support
- SYN/ICMP flood protection
- VLAN support (IEEE 802.1Q trunking)
- DNS proxy/routing
- Anti-spyware
- Phishing protection

Web Security

- HTTP & FTP proxies
- HTTPS filtering
- Transparent proxy support
- URL blacklist
- Authentication: Local, RADIUS, LDAP, Active Directory
- NTLM single sign-on
- Group-based and user-based web content filter
- Time based access control with multiple time intervals
- Bitdefender Anti-malware Engine
- Cyren URL filter
- SafeSearch enforcement

Mail Security

- SMTP & POP3 proxies
- Anti-spam with bayes, pattern and SPF
- Heuristics, black- and whitelists support
- Anti-virus
- Transparent proxy support
- Email quarantine management
- Spam auto-learning
- Transparent mail forwarding (BCC)
- Greylisting
- Cyren anti-spam
- Bitdefender Anti-malware Engine

WAN Failover

- Automatic WAN uplink failover
- Monitoring of WAN uplinks
- Uplink types: Ethernet (static/DHCP), PPPoE, PPTP
- Support for UMTS/GPRS/3G USB dongles

User Authentication

- Active Directory / NTLM
- LDAP
- RADIUS
- Local

Virtual Private Networking

IPsec

- Encryption: Null, 3DES, CAST-128, AES 128/192/256-bit,
 - Blowfish 128/192/256-bit,
 - Twofish 128/192/256-bit,
 - Serpent 128/192/256-bit,
 - Camellia 128/192/256-bit
- Hash algorithms: MD5, SHA1, SHA2 256/384/512-bit, AESXCBC
- Diffie Hellman modes: 1, 2, 5, 14, 15, 16, 17, 18, 22, 23, 24
- Authentication: pre-shared key (PSK), RSA keys
- X.509 certificates
- IKEv1, IKEv2
- Dead Peer Detection (DPD)
- NAT traversal
- Compression
- Perfect Forward Secrecy (PFS)
- VPN Site-to-Site
- VPN Client-to-Site (roadwarrior)
- L2TP user authentication
- XAUTH user authentication

OpenVPN

- Encryption: DES, 3DES, AES 128/192/256-bit, CAST5, Blowfish
- Authentication: pre-shared key, X.509 certificates
- Support for VPN over HTTP Proxy
- PPTP passthrough
- VPN client-to-site (roadwarrior)
- VPN client for Microsoft Windows and Apple OS X
- Possibility of multiple logins per user
- VPN failover
- Multiple server support
- Support for mobile devices (Android, iOS)

VPN Portal for Clientless Connections*

- Web-based access to internal resources
- Configurable portal page
- Support for multiple destinations
- Destination-based authentication
- SSL offloading

User Management & Authentication

- Unified user management for OpenVPN, L2TP, XAUTH, VPN Portal
- Group management
- Integrated certificate authority
- External certificate authority support
- User password and certificate management
- Multiple authentication servers (local, LDAP, Active Directory, RADIUS)
- Fully integrated one-time password (OTP) support
- Let's Encrypt Support

BYOD / Hotspot*

- Configurable captive portal
 - Use your website as portal (SurfNow Button)
 - Free access to allowed sites (walled garden)
 - Wired / wireless support
 - Integrated RADIUS service
 - Connection logging
 - Bandwidth limiting based on user, ticket or global settings
 - Social login (Facebook, Google)
 - Social Enabler (sharing on social networks)
 - MAC-address based user accounts
 - Configurable multiple logins per user
 - User accounts import/export via CSV
 - User password recovery
 - Automatic client network configuration (support for DHCP and static IP)
 - Fully integrated accounting
 - Generic JSON API for external accounting and third party integration
 - Instant WLAN ticket shop (Smart-Connect)
 - Single-click ticket generation (Quick ticket)
 - SMS/e-mail user validation and ticketing
 - Pre-/postpaid and free tickets
 - Time-/traffic-based tickets
 - Configurable ticket validity
 - Terms of Service confirmation
 - MAC address tracking for free hotspots
 - Cyclic/recurring tickets (daily, weekly, monthly, yearly)
 - Remember user after first authentication (SmartLogin)
 - Multi-location setup through master/satellite configuration**
 - External authentication server (Local, LDAP, Active Directory, RADIUS)
- ## Network Address Translation
- Destination NAT
 - Incoming routed traffic
 - One-to-one NAT
 - Source NAT (SNAT)
 - IPsec NAT traversal
- ## Routing
- Static routes
 - Source-based routing
 - Destination-based routing
 - Policy-based routing (based on interface, MAC address, protocol or port)

Bridging

- Firewall stealth mode
- OSI layer 2 firewall functionality
- Spanning tree
- Unlimited interfaces per bridge

High Availability

- Hot standby (active/passive)
- Node data/configuration synchronization (not for BYOD/Hotspot)

Event Management

- More Than 30 Individually Configurable Events
- Email Notifications
- SMS Notifications
- Powerful Python Scripting Engine

Logging and Reporting

- Reporting dashboard
- Detailed system, web, email, attack and virus reports
- Live network traffic monitoring (powered by ntopng)
- Live log viewer
- Detailed user-based web access report (not in Mini 10 and Mini 10 WiFi)
- Network/system/performance statistics
- Rule-based logging settings (firewall rules)
- Syslog: local or remote
- OpenTSA trusted timestamping

Extra Services

- NTP (Network Time Protocol)
- DHCP server
- SNMP server
- Dynamic DNS

Management / GUI

- Centralized management through Endian Network (SSL)
- Easy Web-Based Administration (SSL)
- Multi-language web-interface (English, Italian, German, Japanese, Spanish, Portuguese, Chinese, Russian, Turkish)
- Secure remote SSH/SCP access
- Serial console

Updates and Backups

- Centralized updates through Endian Network
- Scheduled automatic backups
- Encrypted backups via email
- Instant recovery / Backup to USB stick (Endian Recovery Key)

Endian's mission is to protect global communication networks and provide secure information access to anyone.

We help companies meet these challenges by providing an appliance-based architecture for network protection and for network management that is easy to buy, easy to own and easy to use.

about us

endian

Founded in Appiano, Italy in 2003 by a team of experienced network specialists and security enthusiasts. Endian's goal is clear: Develop the world's most powerful and easy-to-use Open Source Unified Threat Management system. With over 1.7 million users of the Community Edition and 50,000 installations of the professional product in over 50 countries, Endian continues to deliver on its mission!