

# ENDIAN UTM MERCURY 50

NETWORK SECURITY FOR SMALL AND MEDIUM BUSINESSES



**Fully Loaded:** Every product has all UTM features included at no additional charge.



**Quick & Easy Setup:** Get your network protected in a matter of minutes.



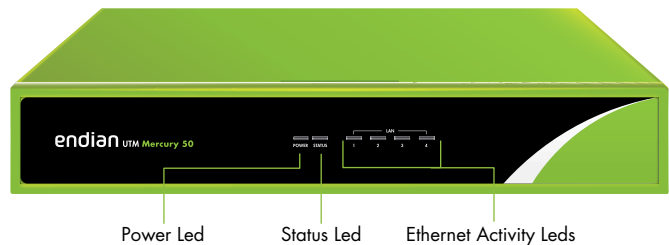
**BYOD & Hotspot:** Provide secure and simple Internet access for guests and coworkers.

# Complete protection for small to medium-sized networks

**(Suggested Users 10-50)** Conceived with small, expanding businesses in mind, the Mercury 50 is the perfect solution for future-proofing the growth of your network. With a capacity of 50 active users, the Mercury 50 was designed to handle the processing of heavy Internet traffic, emails and VPN connections to branch offices. And with enterprise-level security features like stateful firewall, intrusion detection & prevention system and gateway Anti Virus, the Mercury 50 makes it easy to provide your network with comprehensive protection.

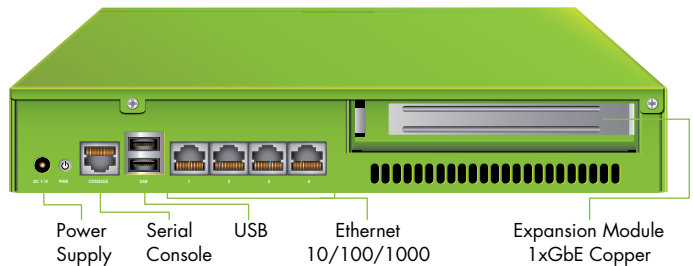
## BYOD – Bring Your Own Device

Endian Mercury 50 comes with unique captive portal that keeps all mobile device of guests and coworkers in a dedicated security zone. A user based management decides on the access rights of any single user. Guests can be given tickets or temporary accounts. Endian ensures that BYOD does not become a loophole in IT security.



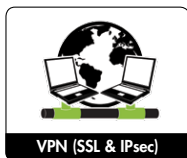
## A Smarter Wireless Guest Access

Endian Hotspot is an integrated guest access system with user-generated credentials, SMS confirmation, payment integration (PayPal), per user bandwidth limiting, customizable redirect (Splash page), advertising display and much more! With the Endian HotSpot solution you can host secure Internet access for your customers.



## Simple. Security.

Good network security shouldn't take an advanced degree to implement. We take the complexity out of security so everyone can enjoy it.



## Performance

Suggested Users	10 - 50
Firewall Throughput	350 Mbps
Concurrent Connections	350,000
VPN Throughput	50 Mbps
IPS Throughput	75 Mbps
UTM Throughput	65 Mbps
E-mails per day	200,000

## Endian UTM Mercury 50 Features

### 1 Network Security

- Stateful Packet Firewall
- **NEW** Application Control (over 160 Protocols including Facebook, Twitter, Skype, WhatsApp and more)
- Demilitarized Zone (DMZ)
- Intrusion Detection and Prevention (Snort)
- 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

### 2 Web Security

- HTTP & FTP Proxies
- **NEW** 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
- **NEW** Panda Anti-Virus (optional)
- **NEW** Commtouch URL Filter (optional)

### 3 Mail Security

- SMTP & POP3 Proxies
- Anti-Spam with Bayes, Pattern and SPF
- Heuristics, Black- and Whitelists Support
- Anti-Virus (100.000+ patterns)
- Transparent Proxy Support
- **NEW** Mail Quarantine Management
- Spam Auto-Learning
- Transparent Mail Forwarding (BCC)
- Greylisting
- Commtouch Anti-Spam (optional)
- **NEW** Panda Anti-Virus (optional)

### 4 Virtual Private Networking

#### IPsec

- **NEW** 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
- **NEW** Hash Algorithms: MD5, SHA1, SHA2 256/384/512-bit, AES-XCBC
- 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
- **NEW** IKEv2
- Dead Peer Detection (DPD)
- NAT Traversal
- Compression
- Perfect Forward Secrecy (PFS)
- VPN Site-to-Site
- VPN Client-to-Site (Roadwarrior)
- L2TP User Authentication
- **NEW** XAuth User Authentication

#### OpenVPN

- True SSL/TLS VPN
- Encryption: DES, 3DES, AES 128/192/256-bit, CAST5, Blowfish
- Authentication: Pre-Shared Key, X.509 Certificates
- Support for VPN over HTTPS Proxy (OpenVPN)
- PPTP Passthrough
- VPN Client-to-Site (Roadwarrior)
- VPN Client for Microsoft Windows, Mac OS X and Linux
- Possibility of Multiple Logins per User
- VPN Failover
- **NEW** Multiple Server Support
- Scalability
- **NEW** Support for Mobile Devices (Android, iOS)

#### User Management & Authentication

- **NEW** Unified User Management for OpenVPN, L2TP, XAuth
- **NEW** Group Management
- **NEW** Integrated Certificate Authority
- **NEW** External Certificate Authority Support
- **NEW** User Password and Certificate Management (Two-factor Authentication)
- **NEW** Multiple Authentication Servers (Local, LDAP, Active Directory)

### 5 WAN Failover

- Automatic WAN Uplink Failover
- Monitoring of WAN Uplinks
- Uplink Types: Ethernet (Static/DHCP), PPPoE, ADSL, ISDN, PPTP
- Support for UMTS/GPRS/3G USB Dongles

### 6 User Authentication

- Active Directory / NTLM
- LDAP
- RADIUS
- Local

### 7 BYOD/Hotspot

- Captive Portal
- Wired / Wireless Support
- Integrated RADIUS Service
- Connection Logging
- Per-User and Global Bandwidth Limiting
- MAC-Address Based User Accounts
- User Accounts Import/Export via CSV
- User Password Recovery
- Automatic Client Network Configuration (support for DHCP and Static IP)
- Generic JSON API for External Accounting and Third Party Integration
- Instant WLAN Ticket Shop (Endian SmartConnect)
- 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
- **NEW** Cyclic/Recurring Tickets (Daily, Weekly, Monthly, Yearly)
- **NEW** Remember User after First Authentication (SmartLogin)
- **NEW** External Authentication Server (Local, LDAP, Active Directory, RADIUS)

### 8 Network Address

#### Translation

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

### 9 Routing

- Static Routes
- Source-Based Routing
- Destination-Based Routing
- Policy-Based Routing (Based on Interface, MAC Address, Protocol or Port)

### 10 Bridging

- Firewall Stealth Mode
- OSI Layer 2 Firewall Functionality
- Spanning Tree
- Unlimited Interfaces per Bridge

### 11 High Availability

- Hot Standby (Active/Passive)
- Node Data/Configuration Synchronization

### 12 Extra Services

- Event Notification & Handling
- NTP (Network Time Protocol)
- DHCP Server
- SNMP Server
- Dynamic DNS

### 13 Logging and Reporting

- **NEW** Reporting Dashboard
- **NEW** Detailed System, Web, E-mail, Attack and Virus Reports
- **NEW** Live Network Traffic Monitoring (powered by ntopng)
- Live Log Viewer
- 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

### 14 Management / GUI

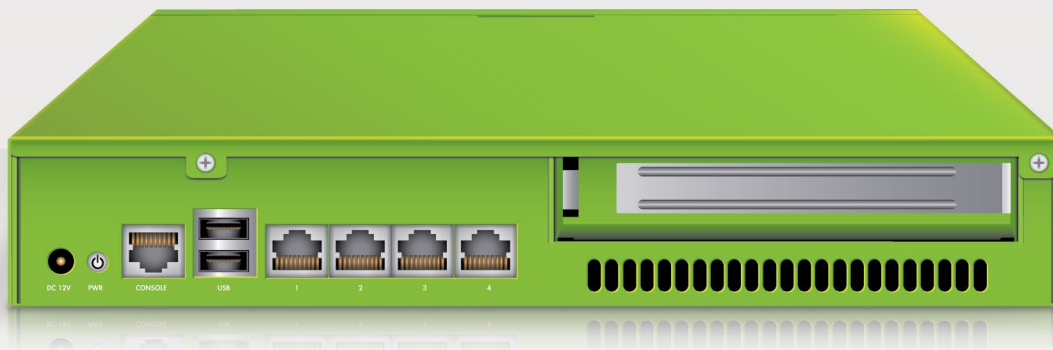
- Easy Web-Based Administration (SSL)
- **NEW** Multi-Language Web-Interface (English, Italian, German, Japanese, Spanish, Portuguese, Chinese, Russian, Turkish)
- Secure Remote SSH/SCP Access
- Serial Console
- Centralized Management through Endian Network (SSL)

### 15 Updates and Backup

- Centralized Updates through Endian Network
- Scheduled Automatic Backups
- Encrypted Backups via E-mail
- Instant Recovery / Backup to USB Stick (Endian Recovery Key)

## Hardware specifications

Case Rack	Desktop
Power	External 12V 3.75A
CPU Type	1-Core
Memory	1024 Mb (DDR3 1333 Mhz)
Ethernet	4x 10/100/1000 Mbps
Hard Disk	1 x 160GB
Cooling	Silent Fan
PCI Slots	1
LCD Display	-
Dimension (HxWxD)	44mm x 272mm x 195mm
Weight	Without Packing: 2kg With Packing: 4kg
Hardware Warranty	12 months
Expansion Module	1xGbE Copper
Certifications	FCC/CE/UL/ROHS



© 2014 Endian SRL. Subject to change without notice. Endian and Endian UTM are trademarks of Endian SRL. All other trademarks and registered trademarks are the property of their respective owners.

**Endian International**  
Tel: +39 0471 631 763  
E-mail: sales@endian.com

**Endian US**  
Tel: +1 832 775 8795  
E-mail: us@endian.com

**Endian Italia**  
Tel: +39 0471 631 763  
E-mail: italy@endian.com

**Endian Japan**  
Tel: +81 3 680 651 86  
E-mail: japan@endian.com

**Endian Deutschland**  
Tel: +49 (0) 8106 30750 - 13  
E-mail: germany@endian.com

**Endian Turkey - EndPoint-Labs**  
Tel: +90 216 222 2933  
E-mail: turkey@endian.com