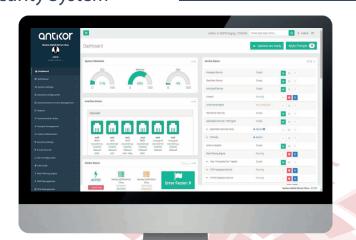


EPA-NGFW-M300 Series

Next Generation Firewall







The Antikor Integrated Cyber Security System EPA-NGFW-M300 Series Next-Generation Firewalls (NGFW) is a product that ensures the security of Branch Office networks with advanced security functions. It incorporates a Policy/Section Structure, Virtual Wire, Online and Offline Updates, IPsec VTI and TS Mode, HTTP API, and many other advanced features. It comes with all these features enabled out of the box and does not require a license.

Security

The Antikor NGFW product ensures the security of your network with advanced security functions. It provides maximum Independent security through an Management Port (reserved processor, separate Control Plane and Data Plane) and an Independent Cluster Port.

Performance

While executing security functions, it operates your network with maximum performance. Thanks to its robust network stack, it easily and efficiently meets the security and network needs of your enterprise network.

Network

- antikor - - - [] The Antikor NGFW product provides high-performance solutions with rich network features ranging from Layer 2 to Layer 7. It ensures full compatibility with your network through configuration flexibility. It strengthens your network with its security functions, enhancing overall network security.

You can centrally manage the Antikor NGFW products deployed in your organization through Centralized Firewall Management (CFWM). It allows you to gather logs from multiple devices and perform centralized logging (CLM), enabling you to query and analyze the



collected logs from a single point.







ePati Cyber Security Technologies Inc.



EPA-NGFW-M300 Series

Product Specifications





Operating Modes

OSI Layer 2 Transparent OSI Layer 3 Routing + Stealth Mode Virtual Wire

Routing

IPv4 / IPv6 Static Routing Policy Based Routing (PBR) OSPF - Open Shortest Path First Protocol BGP - Border Gateway Protocol RIP / RIPng - Routing Information Protocol PIM SM/SSM IGMP v2/v3 Multicast Routing **Routing Monitor**

Network Interface Specifications

Loopback Interface, IEEE 802.1Q VLAN support Link Aggregation:

LACP, Failover, Load Balance, Round Robin Bridging / STP / Ethernet Bypass Virtual Extensible LAN (VXLAN) NAT64, IPv6 6to4 Tunneling Static ARP PPP ve PPPoE Connection Interface

3G/4G/LTE Modem Support **Security Specifications**

Zone Based Firewall Application Security (ApplD) Honeypot Trapping Traffic Rate Limiting Multi-Policy, Section and Profile Support Time Based Security Policy Management IPS - Intrusion Detection and Prevention SPI - Statefull Packet Inspection DPI - Deep Packet Inspection

http / https Web Filtering (SNI / DPI) **DNS Query Filtering**

Intf. Base Anti Spoof(Symmetrical and Asymmetrical)

MAC Based Quarantine

MAC - IP Matching Control ARP Poisoning Protection Flood Intrusion Prevention

Anti Botnet

Gateway Anti Virüs / Anti Malware SSH Inspection

DoS Prevention - Connection Limiting XFF Scan - Trusted Proxy Servers

Service Based Timeout Control

Email Security

Gateway Antispam *** Anti Virus / Anti Malware *** **Email Rate Limiting** RBL, MX, SPF, DKIM, DMARC Check **Email Quarantine** Gray Listing, Phishing Check Category and Rule Based Filtering

VPN - VIRLUAI PRIVALE NELWORK
SSL VPN
Certificate Verification
User Credentials Verification (+ 2FA)
Authentication:
BLAKE2*, RSA*, SHA*, MD*, SHAKE*
Encryption:
AES*, ARIA*, CAMELLIA*, SEED*, SM4*
PPTP / L2TP VPN
IPsec VPN (Both VTI and Legacy Mode)
Site to Site VPN
GRF Tunnelling

IPsec VPN

Encryption: AES, CAMELIA, NULL_ENC, SERPENT, TWOFISH

MD5, SHA1, SHA256, SHA384, SHA512, AES WildCard ID Support

NAT Traversal Support

PKI - Public Key Infrastructure Support PSK - Pre Shared Key Support

Services Live Dashboard Automated Update System Offline Update Automatic Configuration Backup DHCPv4/v6 Server, Relay and Monitor Authenticated http/https Proxy Antikor® Shared Management-Virtual System QoS - Effective Bandwidth Management Time and Quota Adjustable Hotspot(Captive) Bandwidth Monitor Antikor® Registry Service Antikor® Announcement Service

NetFlow Export Service RADIUS Server and Proxy https SSL Offload Service

Domain Based http/https Forwarding

SNMP v2/v3 Service

RRD Service

Number of Active Users and Bandwidth http/https Caching

Domain Based Bandwidth Limiting Log Timestamping

TUBITAK Kamu SM - Timestamp Integration Syslog (TCP/UDP/TLS) - supported formats;

RAW, CEF, EWMM, GELF, JSON, WELF, CIM

Black Hole Service

Campus Information Service

LLDP Service

GEO-IP Service

Antikor Central Management Integration and **Antikor Center Logging Integration**

System Performance	M300A / M300B
NGFW Throughput (IMIX)	300 Mbps
IPS Throughput (IMIX) ***	350 Mbps
Firewall Throughput	1,2 Gbps
Number of Concurrent Sessions (Million)	0,3M / 0,6M
IPsec VPN Throughput (Total)	150 Mbps
SSL VPN Throughput (Total)	75 Mbps
Licensina	

SSL VPN Throughput (Total)	75 Mbps
Licensing	
Out of Band Cluster(HA) Support	None
Number of Addressable CPU Threads	4
Number of IPsec VPN Tunnels	16
Number of SSL VPN Users	64
Number of WAN / LAN / DMZ Interfaces	1/3/1

Management Interface Features

HTML5 Responsive Web Interface SSL Certificate based authentication 2FA - Two-Factor Authentication Customizing the Service Port Out of Band Management Plane Resource Reservation SSH Console Physical Console (Monitor, Keyboard) Serial Console (If exists on hardware) **Incident Notification Service**

SMS, Email, Brower Notification

Authentication Methods	
Mernis	
SMS	
Local User	7
HTTP (API)	
LDAP	
RADIUS	
POP3 / IMAP	
SSO: Negotiate Kerberos - Active Directory	
TACACS +	

Product Certifications

Common Criteria EAL4 +

TRtest Product Conformity Certificate

100% Turkish Product

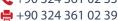
Minimum Requirements

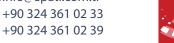
Min 8 Core Processor Min 16 GB Ram Min 500GB Solid State Disk MultiQueue Ethernet Card

- * Performance tests are performed with the following hardware:
- Intel Atom C-3758 Processor
- Dual Channel 16 GB DDR4 2400MHz ECC RAM
- Intel i350 MultiQueue Ethernet Card
- ** All performance values may vary depending on environmental condiditions, system configuration and equipment.
- *** These features require a minimum of 8 GB or more of memory.

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