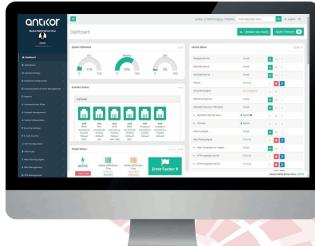
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EPA-NGFW-M100 Series Next Generation Firewall





The Antikor Integrated Cyber Security System EPA-NGFW-M100 Series Next-Generation Firewalls (NGFW) is a product that ensures the security of Micro SME 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 security through an Independent Management Port (reserved processor, separate Control Plane and Data Plane) and an Independent Cluster Port.

Performance

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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

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.

Management

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.

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Unified Cyber Security System

EPA-NGFW-M100 Series

Product Specifications

VPN - Virtual Private Network



	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 (AppID)
	Honeypot Trapping
	Traffic Rate Limiting
	Multi-Policy, Section and Profile Support
7	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 Asymmetrica
	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 Raced Filtering

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 **GRE Tunnelling** IPsec VPN Encryption: AES, CAMELIA, NULL_ENC, SERPENT, TWOFISH Authentication: 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 Domain Based http/https Forwarding https SSL Offload Service 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	M100
NGFW Throughput (IMIX)	100 Mbps
IPS Throughput (IMIX) ***	150 Mbps
Firewall Throughput	750 Mbps
Number of Concurrent Sessions	100.000
IPsec VPN Throughput (Total)	80 Mbps
SSL VPN Throughput (Total)	40 Mbps
Licensing	
Out of Band Cluster(HA) Support	Yok
Number of Addressable CPU Threads	4
Number of IPsec VPN Tunnels	4
Number of SSL VPN Users	10
Number of WAN / LAN / DMZ Interfaces	1/1/0
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	
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 4 Core Processor	
Min 4 GB Ram	
Min 120GB Solid State Disk	
Gigabit Ethernet Card	
* Performance tests are performed with th	e following bardware:
- Intel Atom Processor	c ronowing natuwate:
- 4 GB DDR3 1600MHz Ram	
- 4 x Intel Gigabit Ethernet Card	
** All performance values may vary depending	on environmental
condiditions, system configuration and equi	
*** These features require a minimum of 8 GB o	

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Category and Rule Based Filtering

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