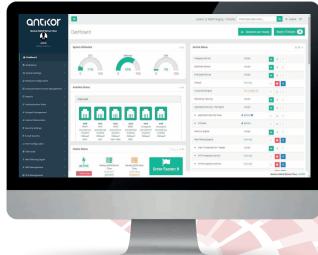
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EPA-VFW-M800 Series Next Generation Firewall





The Antikor Integrated Cyber Security System EPA-VFW-M800 Series Next-Generation Firewalls (NGFW) is a product that ensures the security of Small Enterprise 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

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-VFW-M800 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 (AppID)
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 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
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VPN - Virtual Private Network
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
GRETunnelling
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® Regi <mark>stry Serv</mark> ice
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	M800A / M800B
NGFW Throughput (IMIX)	800 Mbps
IPS Throughput (IMIX) ***	900 Mbps
Firewall Throughput	3,2 Gbps
Number of Concurrent Sessions (Million)	
IPsec VPN Throughput (Total)	700 Mbps
SSL VPN Throughput (Total)	350 Mbps
Licensing	000111000
Out of Band Cluster(HA) Support	Active-Passive
Number of Addressable CPU Threads	6
Number of IPsec VPN Tunnels	240
Number of SSL VPN Users	256
Number of WAN / LAN / DMZ Interfaces	3/4/3
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 Director	ry
TACACS +	
Product Certifications	
Common Criteria EAL4 +	
TRtest Product Conformity Certificate	
100% Turkish Product	
Minimum Requirements	
VMware ESXi, Hyper-V, Proxmox Hypervi	sor **
At Least 16 Core AESNI Enabled CPU	
Min 32 GB Reserved RAM	
At Least 500GB Storage (At Least 10000 I	IOPS with 4KB Blocks)
MultiQueue Ethernet Card	
	g on environmental
* All performance values may vary dependin	<u> </u>
* All performance values may vary dependin condiditions, system configuration and ec	
	luipment.
condiditions, system configuration and ec	quipment. sThrough, supported.

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