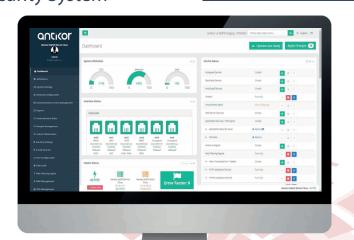


EPA-NGFW-G2 Series

Next Generation Firewall







The Antikor Integrated Cyber Security System EPA-NGFW-G2 Series Next-Generation Firewalls (NGFW) is a product that ensures the security of Middle Size 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 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.

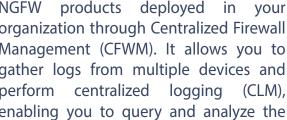
Network

- 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.

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.





Mersin Universitesi Ciftlikkoy Kampusu Teknopark Idari Binasi Kat: 4 No: 411 Zip Code: 33343 Yenisehir / MERSIN / TURKIYE





EPA-NGFW-G2 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	rl
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 Asymmetri
	MAC Based Quarantine
	MAC - IP Matching Control
-	

	MAC - IF 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

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
DCI/	D CL	J I/ C	

	1 KI - I ublic key ililiastructure Jupport
	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)
Ĺ	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
	N I CARL II ID I III

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	aı	10
Antikor Center Logging Integration		

System Performance	G2A / G2B
NGFW Throughput (IMIX)	2 Gbps
IPS Throughput (IMIX) ***	2,5 Gbps
Firewall Throughput	8 Gbps
Number of Concurrent Sessions (Million)	2M / 4M
IPsec VPN Throughput (Total)	1,5 Gbps
SSL VPN Throughput (Total)	1 Gbps
Hannelon	

ooz :: :: ::::oug::put (:otal)	. 4000
Licensing	
Out of Band Cluster(HA) Support	Active-Passive
Number of Addressable CPU Threads	8
Number of IPsec VPN Tunnels	512
Number of SSL VPN Users	512
Number of WAN / LAN / DMZ Interfaces	Unlimited

Management Interface Features

HTML5 Responsive Web Ir	nterface							
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 Fmail Brower Notifi	cation							

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

Product Certifications

	Common Criteria EAL4 +
\	TRtest Product Conformity Certificate
	100% Turkish Product

Minimum Requirements

Min 8 Core/16 Thread and later Processor
Min 16GB Ram
Min 480 GB Solid State Disk
MultiOueue Ethernet Card

_	*	Per	form	tests			the	follo	wing	hardv	vare
_				-2146							

- Intel Xeon D-2146NT @2.30 GHz Processor	
- Dual Channel 16GB DDR4 2666MHz ECC RAM	
- Intel X722 MultiQueue Ethernet Card	

^{**} All performance values may vary depending on environmental condiditions, system configuration and equipment.

eP-FR-79 Rev.02 / Release date: 01.04.2019 / Rev.date: 02.05.2021











^{***} These features require a minimum of 8 GB or more of memory.