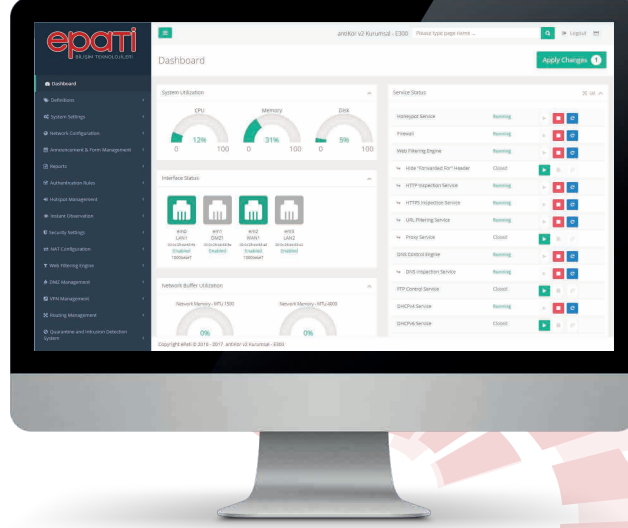


antikor v2

Unified Cyber Security System

EPA-NGFW-M800 Series Next Generation Firewall



Antikor v2 Unified Cyber Security System EPA-NGFW-M800 Series Next Generation Firewall (NGFW) is a Turkish national product that ensures safety of Middle Size Enterprise networks with enhanced security functions. It provides high performance cyber security with flexible configuration, live dashboard and advanced security capabilities.

Security



Antikor® v2 provides a safe and secure network with its advanced security functions. It contains defining application based policies and QoS with its next generation security functions. It detects and blocks the attacks with honeypot trap at the screening stage before it is realized.

Network



Provides high performance solutions with enhanced network features from Layer2 to Layer 7. %100 complies with your network by flexibility of configuration. Securely consolidates your network with security functions.

Performance



Operates your network with maximum performance while executing security functions. Provides enterprise networks security and network requirements easily and highly efficiently by its powerful network stack.

Management



Menu and network based authorization through single interface even for all routed external locations provided by Shared Management Module of Antikor®.





Product Specifications

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| Operating Modes |
| OSI Layer 2 Transparent |
| OSI Layer 3 Routing |
| Routing |
| IPv4 / IPv6 Static Routing |
| Policy Based Routing (PBR) |
| OSPFv2 / OSPFv3 - Open Shortest Path First Protocol |
| BGP - Border Gateway Protocol |
| Routing Monitor |
| Ethernet Interface Specifications |
| 4094 IEEE 802.1Q VLANs for each port |
| Link Aggregation: |
| - IEEE 802.3ad LACP |
| - Failover |
| - Load Balance |
| - Round Robin |
| Bridging |
| Bridging - Rapid STP |
| Virtual Ethernet Interface |
| Static ARP |
| Security Specifications |
| Application Security (AppID) |
| Honeypot Trapping |
| Traffic Rate Limiting |
| IPS - Intrusion Detection and Prevention |
| SPI - Statefull Packet Inspection |
| DPI - Deep Packet Inspection |
| Web Filtering (http / https) |
| DNS Query Filtering |
| IP Spoofing Prevention |
| MAC Based Quarantine |
| MAC - IP Matching Control |
| ARP Poisoning Protection |
| Flood Intrusion Prevention |
| Anti Botnet |
| Gateway Anti Virus / Anti Malware |
| VPN - Virtual Private Network |
| SSL VPN |
| PPTP / L2TP VPN |
| IPsec VPN |
| Site to Site VPN |
| GRE Tunnelling |
| IPsec VPN |
| Encryption: DES, 3DES, AES, BLOWFISH, CAST128, CAMELIA |
| Authentication: MD5, SHA1, SHA256, SHA384, SHA512, 3DES, DES |
| Wildcard ID Support |

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|-------------------------------|-------------|
| System Performance | |
| NGFW Throughput (Gbps) | 0,8 Gbps |
| IPS Throughput (Gbps) | 0,9 Gbps |
| Firewall Throughput (Gbps) | 3,2 Gbps |
| Number of Concurrent Sessions | 1,6 Million |
| IPsec VPN Throughput (Gbps) | 0,7 Gbps |
| SSL VPN Throughput (Gbps) | 0,35 Gbps |

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| Licensing | |
| High Availability (HA) - Cluster Support | Active-Passive |
| Number of Addressable CPU Threads | 16 |
| Number of IPsec VPN Tunnels | 24 |
| Number of SSL VPN Users | 500 |
| Number of WAN / LAN / DMZ Interfaces | 3 / 4 / 3 |

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| Services |
| Live Dashboard |
| Automated Update System |
| 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 Portal |
| Active Directory, Kerberos, Mernis Integration |
| LDAP, RADIUS, SMS - OTP, POP3, SOAP, JSON, XML Service Integration |
| 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 |
| Number of Active Users and Bandwidth RRD Service |
| http/https Caching / Domain Based Bandwidth Limiting |
| Syslog, Log Timestamping |

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| Hardware Requirements |
| Min 8 Core / 16 Thread Intel Xeon v4 and later Processor |
| Min 32 GB DDR4 2400 MHz RAM |
| Solid State Disk |
| Intel MultiQueue Server Ethernet Card |

* Performance tests are performed with the following hardware:

- Intel Xeon D-2146NT @2.30GHz Processor
- Dual Channel 32 GB DDR4 2666MHz ECC RAM
- 4 x Intel X722 MultiQueue Ethernet Card
- 4 x Intel i350 AM4 MultiQueue Ethernet Card

** Note: All performance values may vary depending on environmental conditions, system configuration and equipment.

