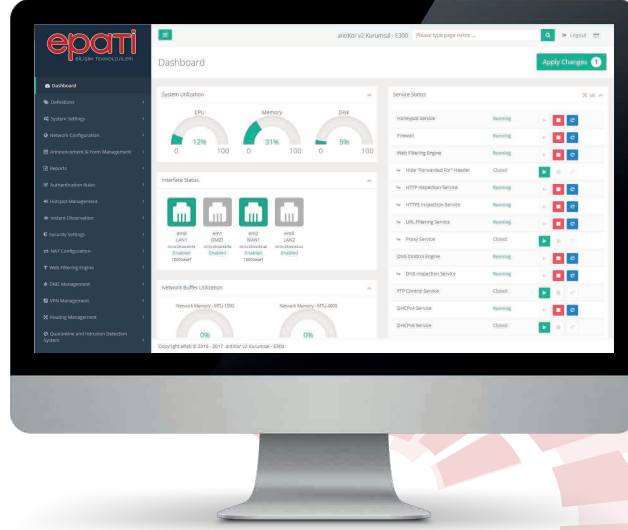


# antikor v2

Unified Cyber Security System

## EPA-NGFW-M400 Series Next Generation Firewall



Antikor v2 Unified Cyber Security System EPA-NGFW-M400 Series Next Generation Firewall (NGFW) is a Turkish national product that ensures safety of Branch Office 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

|  |  |   |                |
|--|--|---|----------------|
| <b>Operating Modes</b>                                       |  | <b>System Performance</b>   |                |
| OSI Layer 2 Transparent                                      |  | NGFW Throughput (Gbps)  | 0,4 Gbps       |
| OSI Layer 3 Routing  |  | IPS Throughput (Gbps)   | 0,45 Gbps      |
| <b>Routing</b>   |  | Firewall Throughput (Gbps)  | 1,6 Gbps       |
| IPv4 / IPv6 Static Routing                                   |  | Number of Concurrent Sessions   | 0,8 Million    |
| Policy Based Routing (PBR)                                   |  | IPsec VPN Throughput (Gbps)   | 0,25 Gbps      |
| OSPFv2 / OSPFv3 - Open Shortest Path First Protocol          |  | SSL VPN Throughput (Gbps)   | 0,1 Gbps       |
| BGP - Border Gateway Protocol                                |  | <b>Licensing</b>  |                |
| Routing Monitor  |  | High Availability (HA) - Cluster Support  | Active-Passive |
| <b>Ethernet Interface Specifications</b>                     |  | Number of Addressable CPU Threads   | 8              |
| 4094 IEEE 802.1Q VLANs for each port                         |  | Number of IPsec VPN Tunnels   | 4              |
| Link Aggregation:  |  | Number of SSL VPN Users   | 75             |
| - IEEE 802.3ad LACP  |  | Number of WAN / LAN / DMZ Interfaces  | Unlimited      |
| - Failover   |  | <b>Services</b>   |                |
| - Load Balance   |  | Live Dashboard  |                |
| - Round Robin  |  | Automated Update System   |                |
| Bridging   |  | DHCPv4/v6 Server, Relay and Monitor   |                |
| Bridging - Rapid STP   |  | Authenticated http/https Proxy  |                |
| Virtual Ethernet Interface                                   |  | Antikor® Shared Management - Virtual System   |                |
| Static ARP   |  | QoS - Effective Bandwidth Management  |                |
| <b>Security Specifications</b>                               |  | Time and Quota Adjustable Hotspot - Captive Portal  |                |
| Application Security (AppID)                                 |  | Active Directory, Kerberos, Mernis Integration  |                |
| Honeypot Trapping  |  | LDAP, RADIUS, SMS - OTP, POP3, SOAP, JSON, XML Service Integration  |                |
| Traffic Rate Limiting  |  | Bandwidth Monitor   |                |
| IPS - Intrusion Detection and Prevention                     |  | Antikor® Registry Service   |                |
| SPI - Statefull Packet Inspection                            |  | Antikor® Announcement Service   |                |
| DPI - Deep Packet Inspection                                 |  | NetFlow Export Service  |                |
| Web Filtering (http / https)                                 |  | RADIUS Server and Proxy   |                |
| DNS Query Filtering  |  | Domain Based http/https Forwarding  |                |
| IP Spoofing Prevention                                       |  | https SSL Offload Service   |                |
| MAC Based Quarantine   |  | SNMP v2/v3 Service  |                |
| MAC - IP Matching Control                                    |  | Number of Active Users and Bandwidth RRD Service  |                |
| ARP Poisoning Protection                                     |  | http/https Caching / Domain Based Bandwidth Limiting  |                |
| Flood Intrusion Prevention                                   |  | Syslog, Log Timestamping  |                |
| Anti Botnet  |  | <b>Hardware Requirements</b>  |                |
| Gateway Anti Virus / Anti Malware                            |  | Min 8 Core Intel Atom Processor   |                |
| <b>VPN - Virtual Private Network</b>                         |  | Min 16 GB DDR4 2400 MHz RAM   |                |
| SSL VPN  |  | Solid State Disk  |                |
| PPTP / L2TP VPN  |  | Intel MultiQueue Server Ethernet Card   |                |
| IPsec VPN  |  | * Performance tests are performed with the following hardware:  |                |
| Site to Site VPN   |  | - Intel Xeon C-3758 Processor   |                |
| GRE Tunnelling   |  | - Dual Channel 16 GB DDR4 2400 MHz ECC RAM  |                |
| <b>IPsec VPN</b>   |  | - 4 x Intel X722 MultiQueue Ethernet Card   |                |
| Encryption: DES, 3DES, AES, BLOWFISH, CAST128, CAMELIA       |  | - 4 x Intel i350 AM4 MultiQueue Ethernet Card   |                |
| Authentication: MD5, SHA1, SHA256, SHA384, SHA512, 3DES, DES |  | ** Note: All performance values may vary depending on environmental conditions, system configuration and equipment. |                |
| Wildcard ID Support  |  |   |                |

