



Antikor Integrated Cyber Security System EPA-CTNM-100 Series, SD-WAN Central Management System (CTNM), is a product that provides central management with advanced management functions. Centrally monitors and manages all Dual Layer SD-WAN products with flexible configuration, live dashboard, and advanced profile capabilities.

### Profile Support

Central Management System manages multiple security policies under the name "Profile". Managed SD-WAN products can be subscribed to more than one profile. In this way, all managed systems can be included in the general security profile, and regional settings can be applied with specialized security profiles.

### Batch Policy Management

Antikor Dual Layer SD-WAN Central Management System (CTNM) collectively applies your corporate security policy to the Antikor Dual Layer SD-WAN products you manage. It displays the accessibility status and notifications of the nodes you manage centrally on the map.

### Performance



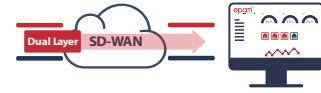
Operates your network with maximum performance while executing security functions. Provides enterprise networks security and network requirements easily and highly efficiently by its powerful network stack.

### Management



Antikor CTNM can provide Update Server Service to Antikor SD-WANs connected to it from the Central Management, Configuration Template Management, Individual Management and Bulk Update Management.





## Product Specifications

### Central Management Features

For Managed Antikor NGFW Systems;

- Configuration Management
- Configuration Template Management
- Update Server Service
- Security Policy and Object Management
- Periodic Configuration Backup
- Access Monitoring the Map
- Tracking Alerts and Notifications
- Communications Encrypted with IPsec Tunnel
- Ability to Manage Singularly
- Profile / Global Configuration Management
- Batch Update Management
- Detailed Audit Logs
- Notification Management
- Authority Management

### 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)
- IPv4 / IPv6 Static Routing
- Static ARP

### 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
- Online Update
- Automatic Configuration Backup
- Antikor® Shared Management - Virtual System
- SNMP v2/v3 Service
- Syslog - supported formats;
  - RAW, CEF, EWMM, GELF, JSON, WELF, CIM
- LLDP Service

### Licensing

High Availability (HA) - Cluster Support	Active-Passive
Number of Addressable CPU Threads	16
Number of Managable Antikor SD-WAN	100
Number of IPsec VPN Tunnels	100
Maximum Number of Profiles	20

### Management Interface Features

- HTML5 Responsive Web Interface
- SSL Certificate based authentication
- 2FA - Two-Factor Authentication
- Customizing the Service Port
- SSH Console
- Physical Console (Monitor, Keyboard)
- Serial Console (If exists on hardware)
- Incident Notification Service
  - SMS, Email, Brower Notification

### Virtual Switch Features

- Assigning Layer2 Tunnels as Virtual Ports
- IPsec Encryption for Layer2 Tunnels
- Physical Port Assignment
- IEEE 802.1Q VLAN for both Virtual and Physical Ports:
  - Untag Port Assignment
  - Tagged Port Assignment
  - Hybrid Port Assignment
- VLAN Enabled MAC Table
- IEEE 802.3ad Link Aggregation Control Protocol (LACP)
- Spanning Tree Protocol
- Rapid Spanning Tree Protocol
- Link Layer Discovery Protocol
- NetFlow Export Service
- MAC Learning

### Minimum Requirements for Physical Platforms

- Min 16 Core Processor
- Min 16 GB Ram
- 480 GB Solid State Disk
- MultiQueue Server Ethernet Card

### Minimum Requirements for Virtual Platforms

- VMware ESXi 6.7 or higher Hypervisor
- Min 16 Core AESNI Enabled CPU
- Min 16 GB Reserved Ram
- At Least 480GB Storage Area (At Least 10000 IOPS with 4KB Blocks)
- Ethernet Cards must be Configured as PassThrough

\* Minimum requirements may vary based on system configuration and hardware.

