CRYSTAL EYE SE100.30

Red Piranha
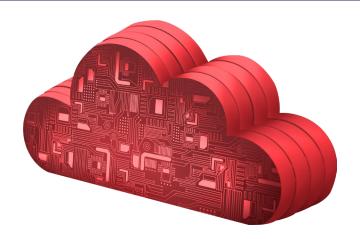

A Security First, Single Vendor SASE solution.

Red Piranha's Crystal Eye Secure Edge 100 product range is a Single Vendor SASE solution designed to deliver security-first SASE to cloud environments as a virtual managed security solution complimenting the Crystal Eye XDR range of on prem appliances or delivers a stand-alone solution to protect cloud assets.

The SE100 range of Single Vendor Secure Edge solutions are a scalable, cloud native, security first solution for cloud applications requiring a full range of security and connectivity tools in a single deployment.

The Secure Edge 100.30 is a virtualized security appliance and supporting ISMS working together to bring the functionality of a Consolidated Security Platform to protect up to 150 devices at 700Mbps True Security Throughput.

Complete SASE Platform

- Integrated XDR capabilities
- Automated Actionable Intelligence
- Multi-layered security delivering defence in depth
- Built-In Compliance Feature Set
- Risk Assessment Reports
- Vulnerability Scanning

Full Network Control

- Network Security Monitoring
- Advanced deep-packet inspection and decryption
- Instant SOC & embedded SIEM solution
- On-demand PCAP forensic analysis and logging
- Gateway application whitelisting
- Extended log processing, retention & policy management controls

True Security Throughput (TST):	700Mbps	The lab tested peak load with all security features turned on and processing a typical enterprise network profile: 76% http(s) web browsing, 12% real-time applications (VoIP, Video conferencing) and 12% other traffic types.

SPECIFICATIONS

Processing System
8 Virtual CPU to 6 Virtual CPU

Memory Capacity
32GB

Networking capacity
Quota of up to 7TB/month inbound traffic included.
Excess usage charges will apply.

Stateful Inspection Firewall Features
- Visual Representation of Zones, Rules
- Multiple Security Zones
- Location-aware and Device-aware Identity-based Access
- Control Policy
- Security Policies – IPS, Passive Encryption Control
- Policy based Source and Destination NAT, Gateway Specific NAT Policy
- MAC & IP-MAC Filtering
- Spoof Prevention

Gateway Anti-Virus & Anti-Spyware Features
- SSL Mismatch Detection
- Cloaked URL Detection
- Virus, Worm, Trojan Detection and Removal
- Spyware, Malware, Phishing Protection
- Scans HTTP, HTTPS, FTP, SMTP/S, POP3, IMAP, IM, SMB, VPN Tunnels
- Customised Individual User Scanning
- Scan and deliver by file size
- Block by file types

Web Filtering Features
- More than 130 categories
- Auto category updates
- Exception list
- IP or hostname based
- Controls based on URL, Keyword and File type
- Protocols supported: HTTP, HTTPS
- Block malware, Phishing, Pharming URLs
- Block java Applets, Cookies, Active X, Google Cache pages
- Data leakage control by blocking HTTP and HTTPS upload
- Banned phrase list, YouTube for Schools
- Custom Denied Message per Web Category

SD WAN Support
- WireGuard with SSO support to integrate with Microsoft Entra ID
- SDWAN status monitoring
- IPSec VPN for site to site communications
- Authentication – Active Directory, LDAP, RADIUS
- Multi-layered Client Authentication - Certificate, Username/Password
- Lightweight SSL VPN Tunnelling Client
- TCP based Application Access – HTTP, HTTPS, RDP, TELNET, SSH
  WireGuard SSL VPN

AI and Automated Actionable Intelligence
- Crystal AI on device Support LLM
- AI rule matching to detect anomalies in network traffic
- Automatic defence rules from over 24 million IOC's processed daily
- Machine learning smart detection of network based SSH attacks

End Point Application Whitelisting (CEASR)
- Push comprehensive policies from Crystal Eye appliance to registered endpoints
- Easy Device application mapping
- Ability to whitelist known good device Applications from the gateway
- Protect against Zero-day attacks
- Deal with encrypted malicious traffic with one click

Advanced Compliance Features
- Entra ID integration, policy authoring and compliance enforcement
- Azure AD threat analysis
- Vulnerability Scanning
- DLP Alerting and Blocking

Intrusion Prevention System Features
- 6 managed rule sets, comprising of 72k+ rules updated daily from the latest threats
- HTTP/TLS/DNS Logging
- Actions – Alert, Drop, Reject, Pass
- Auto IPS Updates from Red Piranha threat intelligence sharing platform
- Protocol Anomaly Protection
- SCADA, IIot and IoT Aware
- VoIP and SIP protocol reporting
- Easy tuning in dashboards to reduce false positives

Application Filtering Features
- Layer 7 (Application) & Layer 8 (User) Control and Visibility
- Inbuilt Application Category Database
- Visibility and Controls for HTTPS based micro-apps like Facebook chat, YouTube video upload

SD WAN Features
- TCP & UDP Tunnelling
- Authentication – Active Directory, LDAP, RADIUS, Local, SSO (Entra ID), Azure
- Multi-layered Client Authentication - Certificate, Username/Password, MFA
- Lightweight SSL VPN Tunnelling Client
- TCP based Application Access – HTTP, HTTPS, RDP, TELNET, SSH

Bandwidth Management Features
- QoS Policies
- Guaranteed & Burstable bandwidth policy
- Application & User Identity based Traffic Discovery
- Data Transfer Report for multiple Gateways

Networking Features
- Automated Failover/Failback
- Interface types: Alias, Multiport Bridge, LAG (port trunking), VLAN, WWAN, TAP
- Multiple DHCP Servers support
- Supports HTTP proxy, Parent proxy with FQDN
- Dynamic Routing: RIP v1&v2, OSPF, BGP
- IPv6 Support: Dual Stack Architecture: Support for IPv4 and IPv6 Protocols
- IPv6 Route: Static and Source

Administration & System Management Features
- Web-based configuration wizard
- Role-based Access control
- Firmware Upgrades via Web UI
- Web 2.0 compliant UI (HTTPS)

User Authentication Features
- Entra ID Single Sign On (WireGuard)
- Internal Database
- Microsoft Active directory connector
- Internal active directory server

Storage System/Optional Extended Storage (max)
448GB SSD based System Storage

Dimensions
Virtual Appliance

General Details
Available in major locations worldwide across 32 regions.

AUTOMATED **PROTECTION** ▶ AUTOMATED **DETECTION** ▶ AUTOMATED **RESPONSE**

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