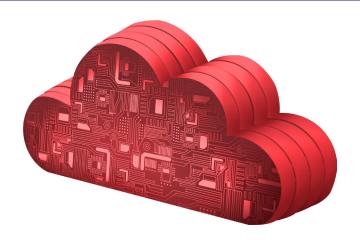


CRYSTAL EYE SE100.50



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 100.50 is a virtualized security appliance and supporting ISMS working together to bring the functionality of a Consolidated Security Platform to protect up to 300 devices at 1.2Gbps 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

SPECIFICATIONS

Processing System

12 Virtual CPU (3GHz+ Intel XFON)

Memory Capacity

48GB

Networking capacity

Quota of up to 8TB/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 updatesException list
- IP or hostname based

- 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

Al 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, Ilot 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),
- 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,
- 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)

768GB SSD based System Storage

Virtual Appliance

General Details

Available in major locations worldwide across 32 regions.









