

Red Piranha Secure Web Gateway



Red Piranha
unified threat management

Your first line of defence
against cyber threats on
the web.



Red Piranha's Crystal Eye Secure Web Gateway (SWG) goes far beyond traditional SWG solutions, integrating advanced cybersecurity capabilities into one powerful, easy-to-manage platform. It filters internet traffic, enforces acceptable use policies, and safeguards enterprise data from malware, ransomware, phishing, and data leaks without compromising performance or user experience.

Why Choose Crystal Eye SWG?



Unified and Simplified Security with TDIR

- 24 million threat indicators daily.
- 73,000 detection rules.
- AI-driven analytics.
- Integrated firewall, IDS/IPS, endpoint protection.



Comprehensive Monitoring and Visibility with Integrated CASB and DLP

- DPI throughput up to 60 Gbps
- Real-time user behaviour analysis
- SaaS discovery & shadow IT risk scoring
- Advanced URL filtering with integrated CASB.
- ML-driven DLP with OCR



SSL/TLS Traffic Inspection:

- Full encrypted traffic (HTTPS) inspection
- Minimal latency
- Visibility into hidden threats



SD-WAN and FWaaS Integration:

- Flexible, secure direct-to-internet deployment
- Full outbound traffic inspection (beyond web ports)
- Supports IPsec, SSL & WireGuard VPNs



- **Enhanced Network Detection and Response (NDR)** for real-time detection of lateral movements and insider threats.
- **Cloud-Native Secure Access** to protect remote offices, mobile workers, and branch locations without backhauling traffic.
- **Hybrid Deployment Flexibility** available for both cloud and on-premises with seamless policy synchronization.
- **Cloud Service Transparency and Reliability** with SLA-backed uptime guarantee, cloud trust dashboards, and continuous service health reporting for maximum operational assurance.
- **Around-the-Clock Expert Monitoring** with 24/7 ISO 27001-certified SOC support, proactive incident response, and rapid threat remediation.
- **Ensure Data Sovereignty, Compliance, and Governance** including GDPR, PCI-DSS, Australian ISM, and Essential Eight strategies.
- **A Smart, Strategic Cybersecurity Investment:** Reduce operational overhead, simplify management with fully integrated SASE-driven security architecture.

Crystal Eye Secure Web Gateway features:



Web Filtering & Access Management

- 130+ auto-updated content categories
- URL, keyword, file-type based filtering
- IP and hostname exception handling
- Malware, phishing, and pharming URL blocking
- Java Applet, ActiveX, Cookie, and Cache page restrictions
- DLP via HTTP/HTTPS upload blocking.
- YouTube for Schools, banned phrase lists.
- Custom denied messages per category



Threat Detection & File Control

- SSL mismatch and cloaked URL detection.
- Real-time virus, worm, trojan detection & removal.
- Spyware, phishing, and malware protection.
- Scans HTTP, HTTPS, FTP, SMTP/S, POP3, IMAP, IM, SMB, VPN tunnels.
- File scanning by size and type.
- User-level scanning customization



Web Proxy Server Capabilities Transparent & Explicit Proxy Modes

- Route HTTP/HTTPS traffic without manual browser config.
- Enable SSL decryption for encrypted traffic scanning.
- Optional user authentication, including Active Directory integration.
- Proxy mode flexibility: enforce globally or per user/device



Proxy Bypass Options

- Bypass by IP, site, group (e.g., Google Suite, Microsoft Services).
- Certificate verification bypass for hard-pinned services.
- Custom site and network address exceptions



Fine-Grained Controls

- Safe Ports & SSL Port configuration.
- Authentication exception sites for non-credential access.
- Granular cache settings (max cache, object size, file size).
- YouTube for Schools access enforcement.
- App policies to include/exclude proxy users

A fully integrated Secure Access Service Edge (SASE) framework that combines SWG with:

- **Zero Trust Network Access (ZTNA)**
- **Cloud Access Security Broker (CASB)**
- **Threat Detection, Investigation and Response (TDIR)**
- **Network Detection and Response (NDR)**



ISO 27001:2013 Certified Cert. No.: 781489



ISO 9001:2015 Certified Cert. No.: 703236

Red Piranha is one of the few security organisations with ISO 27001 Certifications to demonstrate that our processes, tools, and systems adhere to a recognised framework.



NEXT STEPS

1. Get in touch
2. Get a proposal
3. Get started



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