

Crystal Eye WireGuard VPN



Red Piranha
unified threat management



The Future of Secure Connectivity with Microsoft Entra ID - *Unlock Security & Performance*

As cyber threats evolve, traditional VPNs fail to keep up with modern security demands. Red Piranha, a pioneer in Australian cybersecurity, delivers the Crystal Eye WireGuard VPN—a next-generation solution designed for seamless integration, high performance, and unmatched security. The solution is fully integrated with Microsoft and offers Entra Single Sign-On (SSO) Multi Factor Authentication (MFA) out of the box.

Why Choose Crystal Eye WireGuard VPN?



Up to 6x Faster Performance

Improved cryptography implementations reducing latency



Seamless Microsoft Entra ID SSO integration

Enable centralised MFA enforcement, automated access policies, and flexible deployment for remote and site-to-site VPNs.



Superior security with minimal attack surface

Utilise Next-Gen Encryption, Perfect Forward Secrecy (PFS), and Zero Trust enforcement for robust data protection and security.



Seamless Integration with Microsoft Entra ID SSO helps with

- **Centralised Access Control:** Enforce multi-factor authentication (MFA) and seamless Single Sign-On (SSO) across your enterprise.
- **Simplified User Management:** Automate access policies through Microsoft Entra ID.
- **Flexible Deployment:** Supports both remote access and site-to-site VPNs.

	OpenVPN	Wireguard
Encryption	AES, Blowfish, Camellia	ChaCha20, Poly1305
Code Length	>70,000 lines	~4,000 lines
Speed	Moderate	Fast
Key Derivation	SM2, Ed25519, RSA, DSA	HKDF (RFC5869)

Key Benefits of Crystal Eye WireGuard Mesh:

- **Peer-to-Peer Connectivity:** Directly connects nodes without relying on central hubs.
- **Scalable & resilient** to meet your organisation's needs while ensuring redundancy.
- **Improved latency & bandwidth optimisation** to improve real-time performance.

Tailored for Your Business Needs

Whether you're securing remote teams, interconnecting branch offices, or protecting hybrid cloud environments, Crystal Eye WireGuard VPN delivers unmatched security, performance, and flexibility.

Ideal Use Cases:

- **Remote Workforce Security:** Ensures encrypted connections for remote employees, protecting against man-in-the-middle attacks.
- **Hybrid Cloud Integration:** Secures access between on-premises infrastructure and cloud environments like AWS and Azure.
- **IoT & Edge Computing:** Enables secure communication between distributed IoT devices.
- **Multi-Site Networking:** Securely interconnects corporate branches and data centres.

Compliance & Enterprise-Grade Assurance

ISO/IEC 27001 Certified:
Ensuring global security compliance.

GDPR & Zero Trust Alignment:
Strengthening data privacy and access control.

Comprehensive Audit Trails:
Logs VPN activity for regulatory compliance.

Join the Future of VPN Security

Upgrade to Crystal Eye WireGuard VPN and experience next-generation security, speed, and flexibility.

Contact us today to learn how Red Piranha can help secure your network.



Why Red Piranha?

A Leader in Australian Cybersecurity

Since 2015, Red Piranha has been at the forefront of cybersecurity innovation, delivering globally recognised threat management solutions. With Crystal Eye, organisations gain a fully integrated security platform designed for today's most demanding environments.



ISO/IEC 27001:2022 Certified Cert. No.: 781489

ISO 9001:2015 Certified Cert. No.: 703236