Red Piranha

Red Piranha & The Essential Eight:

Your Path to Maturity Level 3 Compliance

Secure. Compliant. Australian-Made.

As government agencies, financial institutions, retail operators and mid-sized enterprises seek alignment with the Australian Cyber Security Centre's (ACSC) Essential Eight (E8) strategies, the challenge becomes implementing and sustaining Maturity Level 2 and 3 compliance across complex IT environments.

Red Piranha's Crystal Eye platform, paired with our comprehensive managed security bundles, provides an integrated, sovereign solution built to meet the Essential Eight at its highest levels. Combining deep technical enforcement (NDR, TDIR, CEASR, DLP, DAS, and PECA) with compliance governance (IRM and VCISO), Crystal Eye enables full-spectrum E8 alignment.

Mapped to Maturity – Essential Eight at a Glance

Essential Eight Strategy/Control	Red Piranha Products, Service & Bundles	Maturity Level 2 & 3 Benefits
1. Application Control	• Crystal Eye Gateway • Application White Listing (AWL) • Crystal Eye Attack Surface Reduction (CEASR) App Endpoint App	Full allow-listing of executables via network & endpoint; script, DLL & macro process control enforced enterprise-wide
2. Patch Applications	• Vulnerability Scanner IPS/Virtual Patching • Platform Integrated Risk Management (IRM) & VCISO Services	Automated CVE detection, patch verification, and compensating controls ensure prompt remediation
3. Office Macro Controls	• CEASR • Gateway Filtering • Group Policy via VCISO	Blocks macro-spawned processes, filters malicious docs at the gateway, enforces GPO lockdown
4. Application Hardening	• Web/Email Gateway • CEASR • Passive Encryption Control Application (PECA)	Blocks Flash/Java, disables OS scripting abuse, detects encrypted malware tunnels
5. Restrict Admin Privileges	• Role-based Access (AD/Entra/Azure) • Declarative Authorisation Service (DAS) • User and Entity Behaviour Analytics (UEBA) • VCISO	Enforces least privilege, monitors admin use, denies unauthorised actions at runtime

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6. Patch Operating Systems	• Vulnerability Scanner • IPS • IRM Dashboard	Confirms OS patch levels, isolates legacy systems, applies virtual patches during exposure window
7. Multi-Factor Authentication (MFA)	• Azure AD Integration • ZTNA Policies • SSO Enforcement	MFA for all privileged and remote access; enforced even for legacy apps using CASB or gateway controls
8. Regular Backups	• Integrated Backup PC & DB Modules • IRM BC/DR Suite • VCISO Testing Governance	Local and offsite backups, ransomware-protected storage, regular restore testing for audit-ready assurance

Why Crystal Eye for Essential Eight?

- **Unified Compliance & Security**: Full-stack platform includes endpoint, gateway, data protection, and policy orchestration in one system.
- **Sovereign & Certified**: Built and supported in Australia, with alignment to ISM, Essential Eight, ISO 27001, NIST.
- **Always Up to Date**: Threat feeds, virtual patches, and policy updates delivered continuously via Security Operations Centre.
- **Security + Governance**: Integrated Risk Management and VCISO services ensure technical control plus governance uplift.
- **Tailored for Your Sector**: From protecting government networks to securing financial data and retail operations, Crystal Eye maps directly to your needs.

The CE360 Advantage

- **3-Year Managed Security**: Delivered by Australian analysts with 24/7 coverage
- **Includes VCISO & IRM**: Align your strategy with the ACSC's expectations
- **Red Piranha SOC**: Sovereign Security Operations Centre meets Australian sovereignty mandates

Achieve and Sustain Maturity Level 3—Without the Complexity.

Talk to Red Piranha today about deploying Crystal Eye across your enterprise.

Red Piranha
unified threat management

NEXT STEPS

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

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