PCI DSS
Compliance Without Complexity

CYBER THREAT ALLIANCE

Australian Government
Department of Defence

Australia

Defence Industry Security Program

The **Payment Card Industry Data Security Standard (PCI DSS)** outlines 12 rigorous requirements to safeguard cardholder data. For many businesses, achieving and maintaining compliance can be costly and complex.

Crystal Eye by Red Piranha unifies all the essential cybersecurity tools into a single platform, making PCI DSS compliance easier, faster, and more affordable—especially for Australian SMEs and enterprises.

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unified threat management

PCI DSS COMPLIANT

PCI DSS Compliance Without Complexity

Build and Maintain a Secure Network

Install and Maintain a Firewall
- Crystal Eye Next-Gen Firewall enables: Granular network segmentation Fine-tuned access control policies Multi-zone security enforcement

Secure Configurations
- Embedded vulnerability scanning and automated baseline configuration
- Virtual patching to mitigate emerging threats

Protect Cardholder Data

Protect Stored Data
- Built-in Data Loss Prevention (DLP) to: Identify sensitive cardholder data Block unauthorised transfer or storage

Encrypt Transmission
- **Secure VPN options** (IPSec, SSL, WireGuard)
- Ensures encrypted transit across insecure or public networks

Vulnerability Management

Protect Against Malware
- Real-time scanning with integrated antivirus and endpoint protection
- Monitors both network traffic and device activity

Maintain Secure Systems
- Continuous vulnerability assessments
- Patch automation and virtual patching

Strong Access Controls

Restrict Access to Cardholder Data
- Enforces RBAC (Role-Based Access Control)
- Applies least-privilege principles

Identity Management
- Microsoft Entra, Active Directory, LDAP integration
- Supports multi-factor authentication (MFA)

Physical Security
- (Organisation responsibility. Crystal Eye supports logical controls only.)

Monitor and Test Networks

Track and Monitor Access
- In-built SIEM with: Central log management Real-time alerts Forensic audit trails

Test Security Systems
- Live IDS/IPS
- Behavioural analytics
- Scheduled scans and anomaly detection

Maintain Security Policies

Maintain Security Policies
- Integrated Risk Management (IRM) for: Policy definition and tracking Internal audits Compliance reporting
- Seamless alignment with Red Piranha's vCISO services for: Policy creation and training Gap assessments and reviews

Summary of PCI DSS Coverage

Comprehensive Coverage: 11 of 12 PCI DSS Controls

PCI DSS Requirement	Covered by Crystal Eye?
Firewall Configuration	✔ Yes
Secure System Configuration	✔ Yes
Protection of Stored Data	✔ Yes
Encryption of Data in Transit	✔ Yes
Malware Protection	✔ Yes
Secure Applications & Systems	✔ Yes
Access Control	✔ Yes
Authentication	✔ Yes
Physical Security	✖ Customer Implemented
Monitoring & Logging	✔ Yes
Security Testing	✔ Yes
Policy Management	✔ Yes

Crystal Eye centralises 11 of 12 critical PCI DSS compliance functions, eliminating the need for multiple third-party tools and reducing cost and complexity for IT teams.

Why Red Piranha?

Built for Australian Businesses

- 100% Australian owned and operated
- Trusted across critical infrastructure, finance, and retail
- Designed for multi-tenancy, SME scalability, and enterprise-grade security

One Unified Platform

- Network Detection & Response (NDR)
- SIEM + IRM + Firewall + DLP + IDS/IPS
- vCISO Services and Compliance Expertise

**Start Your PCI DSS Journey the Smart Way
Let Crystal Eye be your trusted compliance partner.**

ISO/IEC 27001:2022 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.

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NEXT STEPS

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

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