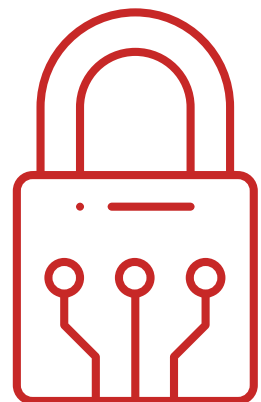




Securely
Connecting
Everything™

Cyber Security Services

RIoT Solutions can assess, advise and review the cyber security controls of your current IT, ICS or IoT network.



Regardless of the size of your business or whether your clients are local or global, cyber security is a threat and the risks to enterprise network systems have never been higher.

Threats range from ransomware, spear phishing, hacktivism and commercial espionage or a combination of these, and the burgeoning wave of digitisation and the increase of internet connected devices is revealing the true inadequacies of legacy infrastructure and applications.

In today's digital world, it takes a robust cyber defence to manage new and emerging threats within the enterprise, industrial and IoT landscapes. RIoT Solutions can help you navigate the risks and architect your defence for every stage of the attack lifecycle through assessment, testing and simulation methodologies. This will ensure a secure deployment and operation of critical assets, a reliable supply of essential services and a safe working environment for all employees.

We focus on **three main areas** across both traditional IT and OT environments:

- **Business and Enterprise IT**
infrastructure and systems
- **Industrial Control Systems**
including SCADA
- **Building Management Systems**
including Automation platforms

Why RIoT Solutions?

- ✓ Our people are experts at Securely Connecting Everything™ and are a hand-picked assembly of experts who are flexible, responsible, self-motivated and trustworthy.
- ✓ The team has attained the CSSA certification and the 'Offensive Security' certifications of OSCP and OSWP and have attended a diverse range of international ICS training courses.
- ✓ RIoT Solutions has provided critical infrastructure security assessment services to a range of Australian organisations that operate and/or build critical infrastructure systems.
- ✓ We are one of the few organisations in Australia that offers resources with ICS/SCADA security and industry specific training including SCADA Security Architect certifications.

The RIoT-X-Factor

We utilise a combination of vulnerability assessment and penetration testing methodologies that are based on accepted industry best practice standards and guidelines.

These include:

- OWASP Testing Guide
- PCI Data Security Standard (PCI DSSI) Penetration Testing Guidance
- Open Source Security Testing Methodology Manual (OSSTMM)
- NIST Special Publication 800-115
- ASD Essential Eight

It's time to be **Smart. Connected. Secure.**

Our cyber security services cover all areas of security and risk assessments for both enterprise-grade networks and critical infrastructure including potentially fragile network-connected systems such as Real-Time SCADA and other devices.

Risk & Threat Assessment

Our assurance services come with a unique and proactive approach

We provide both internal and external assessments and penetration testing that will identify weaknesses which a real world hacker could exploit to gain full access and control of your network's systems, critical assets and services.

Our capabilities include OSINT and OPSEC information gathering and black box testing which we use to gauge your network's cyber-defence capabilities. The results are then summarised in a report that can be presented to the key stakeholders in your business.

Attack Simulation

We will gauge the true maturity of your security investment

Undertaken by our Red and Blue Teams, attack simulation will test the efficiency and capability of your organisation's security controls. We do this by running phishing and 'human target' campaigns, testing pivotal and lateral movement and performing other social engineering testing.

Our Purple Team can add another layer of value through stronger and deeper assurance activities that will measure the maturity level of your response capabilities and validate your investment in people, process and technology.

Advisory-as-a-Service

Strategic advice from our experts will maximise your cyber security

Whether it's onsite, part time or you just need access to a subject matter expert, our experienced team will work closely with you to provide CISO advice in terms of improvements to architecture, operation strategy and system security.

In addition, at any time we can hand-pick a multi-disciplined team of skilled experts for you - our RIoT X-Team - to resolve a specific challenge, expand and amplify your response and provide remediation and containment options.

Critical Infrastructure

We understand the criticality of industrial & IoT environment security

As technology solutions are designed and implemented, security assessments need to be performed by an independent third party that specialises in cyber security and adheres to industry best practice guidelines and standards.

We offer a range of security services including operational security reviews, gap analysis and ICS/SCADA and IoT vulnerability assessments. We are also one of the few organisations in Australia that offers resources with ICS/SCADA security and industry specific training and certifications.

Industry Awards & Membership:



Service Summary

	RISK & THREAT ASSESSMENT	ATTACK SIMULATION	ADVISORY SERVICES	CRITICAL INFRASTRUCTURE
SERVICES	<ul style="list-style-type: none"> Vulnerability Assessments Penetration Testing 	<ul style="list-style-type: none"> Red, Blue & Purple teaming 	<ul style="list-style-type: none"> CISO-as-a-Service Architecture & Operation strategy 	<ul style="list-style-type: none"> Security reviews & gap analysis against industry standards & best practice
CAPABILITIES & METHODS	<ul style="list-style-type: none"> Offensive Security OSINT & OPSEC information gathering Black box testing Report presentation to key stakeholders & executives 	<ul style="list-style-type: none"> Phishing & 'Human Target' campaigns Social Engineering Physical Security & Surveillance Command & Control Device Drop Pivoting & Lateral movement 	<ul style="list-style-type: none"> Validation & Verification of maturity levels Recommendations & input into security improvement programs & initiatives 	<ul style="list-style-type: none"> ICS/SCADA & IoT Vulnerability Assessments Operations review
KEY BENEFITS	<ul style="list-style-type: none"> Evaluate your security investment & Test your cyber-defense capability Comply with regulation such as ISO27000 Series, IS18, NIST SP 800 Series, ISA/IEC 62443, PCI-DSS, ASD Essential Eight 	<ul style="list-style-type: none"> Measure the maturity level of your response capabilities Validate your investment in people, process & technology Identify weaknesses a real-world hacker could exploit 	<ul style="list-style-type: none"> Access to subject matter experts Independent evaluation & recommendations Assistance with executive level reporting & presentation 	<ul style="list-style-type: none"> Align risks & technical controls to business operations Ensure regulatory obligations are being met Alignment to accepted industry best practice guidelines or standards

INCLUSIONS & FEATURES

Kick-off meeting to define rules of engagement	✓	✓	✓	✓
Onsite & remote access	✓	✓	✓	✓
Daily updates	✓	✓	✓	✓
Critical findings or IoC reported immediately	✓	✓	N/A	✓
Draft Report Review	✓	✓	N/A	✓
Executive Presentations	✓	✓	N/A	✓
Re-testing	✓	✓	✓	✓
Fixed Price Scopes	✓	✓	✓	✓
Pre-paid draw down	✓	N/A	✓	✓
Incident Response	Available, fees apply	Available, fees apply	Available, fees apply	N/A

For more information, or to discuss your technology and business needs, contact the RIoT team.

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