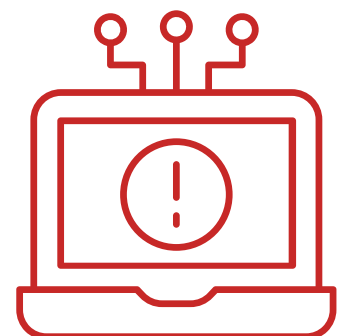




Securely  
Connecting  
Everything™

# Infrastructure Services

RIoT Solutions can scope, design, implement and remediate across your entire network, cloud and security infrastructure.



In today's technology landscape, enterprise networks large and small have become increasingly complex and in some cases difficult to scale and manage. Significant challenges include the adoption of IoT, cloud security, evolving technologies and the difficulties that can result from vendor sprawl.

To successfully migrate to new digital platforms and keep abreast of security measures, it's crucial that the underlying infrastructure is designed and implemented appropriately. Our approach to these types of services starts with clearly understanding the scope and the technical requirements of our client's needs.

We work closely with client's internal teams and appropriate stakeholders to identify requirements and undertake a vendor agnostic approach to ensure that the design and implementation meet customer expectations. By investing heavily in training and certification, we ensure our technical resources are across both evolving and established technologies within client environments.

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

- **Enterprise Networks**  
*including network, security and cloud infrastructure*
- **Smart and Connected Networks**  
*including retail, manufacturing and utilities*
- **Industrial IT Networks**  
*for Operational Technology, SCADA and critical infrastructure*

## Why RIoT Solutions?

- ✔ Our people are a hand-picked assembly of technical experts who are flexible, responsible, self-motivated and trustworthy with a 'can do' attitude and a high level of emotional intelligence.
- ✔ The RIoT Solutions team has attained multiple levels of industry certification in networking and security including CCIE, CCDA, CCDP, CCNP, CCSA and CISSP.
- ✔ We have provided infrastructure design and implementation services to a range of Australian enterprise and government organisations, including those that operate and/or build critical infrastructure systems.
- ✔ We encourage the cross-skilling of resources between network and security infrastructure disciplines, which provides customers with consistency across the different technologies that generally make up network environments.

## The RIoT-X-Factor

Using validated industrial IP network design principles, our expert consultants and engineers apply their skills to various networking projects covering Industrial Control Systems (ICS) including SCADA, manufacturing building automation and intelligent transport. Our team are also experienced in route, switch, wireless, data centre, NGFW, SD-WAN, load balancing, VPN and security technologies across a range of vendors.

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

With a wide range of skills, certifications and subject matter expertise, we have multi-domain capabilities across network, cloud and security infrastructure. Some of our common projects include network segmentation, security hardening, configuration reviews, advanced troubleshooting and remediation for ICT and OT environments.

## Detailed Design Services

Our consistent approach across different technologies ensures a thorough process.

Through a collaborative scoping process, our team will expand upon a specific area of technical architecture or high-level design in order to gauge the required configuration parameters for the design and implementation of the specific solution you require.

Technical information will be gathered and documented to identify impacts and risks that could be encountered during implementation and to ensure the process supports compliance requirements. It can also include examining LAN/WAN/WLAN routing and switching, the security interface, SIEM/playbooks, the cloud and data centre.

## Implementation & Installation Services

Experience and expertise is the key to our team's successful execution of projects.

When implementing infrastructure for enterprise, smart and connected network designs or integrating elements for use on critical infrastructure, it is important to have a team of experienced and qualified people that you can trust to achieve the desired outcome.

Our engineers and consultants are highly skilled, motivated and dependable and adopt a structured, yet flexible approach that covers all phases of implementation and integration from planning to deployment and support including from handover to operations.

## Infrastructure & Security Data Analytics

We will assess what's happening on your network and make informed decisions.

Providing big data analytics platforms for IT and OT operations for network, security and critical assets enables us to provide significant value in terms of determining what's happening on your network and improving the response to security incidents.

Our team designs, builds and integrates Splunk and other logging platforms to a wide range of devices, systems and applications to gain insight and visibility. It also allows us to identify the required data to meet your organisation's requirements and use the platform's big data resources effectively.

## Verification & Remediation

Our subject matter experts offer insights when and where you really need them.

We can provide recommendations for a specific technology or discipline, to provide risk remediation, advanced problem solving, diagnostics and advice across complex IT and OT environments.

Our team also has experience assessing technology solutions against industry standards and frameworks.

## Industry Awards & Membership:



# Service Summary

	DETAILED DESIGN	IMPLEMENTATION & INSTALLATION	DATA ANALYTICS	VERIFICATION & REMEDIATION
<b>SERVICES</b>	<ul style="list-style-type: none"> <li>Workshops</li> <li>High Level Design Reviews</li> <li>Detailed Design Documentation</li> </ul>	<ul style="list-style-type: none"> <li>Planning &amp; change control</li> <li>User Acceptance Testing &amp; staging</li> <li>Implementation, cutover &amp; post cutover support</li> <li>Hands &amp; feet</li> </ul>	<ul style="list-style-type: none"> <li>Data discovery workshops</li> <li>Log gap analysis</li> <li>Security analysis strategies/playbooks</li> </ul>	<ul style="list-style-type: none"> <li>Diagnosis &amp; investigation into complex problems</li> <li>Remediation of faults, configuration &amp; compliance requirements</li> </ul>
<b>CAPABILITIES &amp; DELIVERABLES</b>	<ul style="list-style-type: none"> <li>LAN/WAN/WLAN Routing &amp; Switching</li> <li>Security I/F</li> <li>Data Centre</li> <li>Cloud</li> <li>SIEM/Playbooks</li> </ul>	<ul style="list-style-type: none"> <li>LAN/WAN/WLAN Routing &amp; Switching</li> <li>Security I/F</li> <li>Data Centre</li> <li>Cloud</li> <li>SIEM</li> </ul>	<ul style="list-style-type: none"> <li>Splunk SIEM</li> <li>Distributed big data architectures</li> <li>IT/OT data analytics</li> <li>Performance improvement</li> </ul>	<ul style="list-style-type: none"> <li>Access to subject-matter-experts in the event of a system failure</li> <li>Verification of detailed design against production</li> <li>Compliance awareness</li> </ul>
<b>KEY BENEFITS</b>	<ul style="list-style-type: none"> <li>Organisation requirements thoroughly considered</li> <li>Architectural decisions &amp; technical parameters documented</li> <li>Documentation to support compliance requirements</li> </ul>	<ul style="list-style-type: none"> <li>Pre-staging &amp; infrastructure configuration</li> <li>Implementation plan detailing cutover/roll out &amp; rollback steps</li> <li>Post implementation functional testing</li> <li>Updated detailed documentation of system baselines &amp; configuration</li> <li>As-built handover documentation</li> </ul>	<ul style="list-style-type: none"> <li>Identification of required data to meet organisations requirements</li> <li>Practical enablement to respond to security threats</li> <li>Effective productive use of big data sources</li> </ul>	<ul style="list-style-type: none"> <li>Fast local access to skilled resources</li> <li>Independent evaluation &amp; recommendations</li> <li>Assistance with reporting &amp; presentation to key stakeholders</li> <li>Compliance &amp; risk remediation</li> </ul>

## INCLUSIONS & FEATURES

Requirements Workshops	✓	✓	✓	✓
Onsite & remote access	✓	✓	✓	✓
Detailed Documentation	✓	✓	✓	✓
Operational Handover	✓	✓	✓	✓
Fixed Price Scopes	✓	✓	✓	✓
Pre-paid draw down	✓	✓	✓	✓
ICS/SCADA/IIoT/BMS	✓	✓	✓	✓
Critical on-call Response	N/A	Available, fees apply	N/A	Available, fees apply

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

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or visit us at [www.riotsolutions.com.au](http://www.riotsolutions.com.au)