



Job Description Form

Our Purpose

To provide safe, customer-focused, integrated and efficient transport services.

Position Title
Network Architect

Level
6

Position Number
36207

Division/Directorate
Operational Systems and Technology

Branch/Section
Network and Security Operations Team

Effective Date
October 2021

Health Task Risk Assessment Category
5

Reporting relationships

Superordinate: Security and Network Control Manager, Level 8
Subordinates: No Direct Reports

Key role of this position

The Network Architect ensures that the design and implementation of the PTA network is fit for purpose and aligned to business requirements. Develops the network architecture in accordance with PTA standards and governance frameworks and that the designs are kept current and fully documented.

Core duties and responsibilities

Leadership and Management

- Provides leadership direction, guidance and technical expertise in Network related matters.
- Provides technical and strategic advice to support the branch, divisional and PTA technological and governance options relevant to network activities.
- Liaises with all the information Technology Branch as a whole to ensure that networking issues are considered in relation to strategic and technology design planning.
- Provides expert network advice to the Executives, Information Technology Branch Managers, Auditors and staff on security solutions relating to the IT Infrastructure and Services.
- Assists in the development of Risk Management, Business Continuity and Disaster recovery Plans that support the IT Branch and the PTA.

Business Improvement

- Coordinates the testing of emerging IT technologies and methodologies against known and new business problems to identify where these new technologies and methodologies could assist.
- Identifies areas where projects, technologies and data can be used more advantageously to deliver business benefits.

- Researches technology trends, particularly in regard to networks that support Windows and Unix Server operating systems and provides information and recommendations to Management on how these might impact on, or improve the PTA systems and service delivery.
- Recommends and plans system related upgrades and enhancements in line with Asset Management plans.

Operational Effectiveness

- Ensures that the network direction within the Divisional Strategic and Branch Plans is relevant for the business outcomes the PTA is seeking to achieve.
- Participates in the creation and maintenance of Information Technology procedures and standards.
- Assists in the development of Business Continuity and Disaster recovery Plans that support the IT Branch and the PTA.
- Assists in the development of an IT Service Portfolio including pipeline, live and decommissioned systems and services.
- Works closely with the IT Branch Management team to develop Asset Management plans to support the longevity of the PTA IT systems and services.

Service Delivery

- Contributes to the development and measurement of Service Level Agreements and Operational Level Agreements.
- Develops and sustains strong effective working relationships with colleagues, customers and clients.
- Provides IT security awareness to the PTA workforce.

Project Delivery and Support

- Assists in the preparation of business case documentation for new technology systems or improvements to current systems.
- Provides technical expertise on PTA technology projects as required.

Other Duties

- Represents the Branch and/or manager at meetings as required.
- Other duties as directed.

SELECTION CRITERIA

1. Core Competencies

- Relevant tertiary / professional qualification in Computer Science and/or Networking with extensive experience of managing a complex network environment.
- Recent experience in network systems design, commissioning and maintenance.
- Proven experience in providing engineering support in the planning, design and delivery of maintaining Network Infrastructure in an asset intensive environment without disrupting business operations.

2. Leadership and Management

- Proven ability to provide strategic technical leadership in the development of business solutions and progressing technology opportunities.

3. Communication and Interpersonal

- Good verbal, written and interpersonal communication skill, including negotiation and facilitation skills.
- Demonstrated ability to write concise and well-structured technical reports
- Ability to develop rapport with internal and external stakeholders.

4. Conceptual, Analytical and Problem Solving

- Good conceptual and analytical skills
- Ability to resolve complex technical and operational problems and issues.

5. Organisation

- Good organisational skills with the ability to achieve agreed targets and timelines through the use of effective teamwork and delegation.

6. Special Requirements

- Satisfactory completion of required medical examinations to verify physical fitness to perform the duties of the position.
- Provision of a current National Police Clearance certificate, dated 3 months or less from the date of application for the position.
- Possession of a current West Australian 'C' or 'C-A' drivers licence or equivalent

Certification

The details contained in this document are an accurate statement of the duties, responsibilities and other requirements of the position.

Managing Director / Executive Director / General Manager

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Signature

.....
Date

Employee

I have read and accept the responsibilities of the Job Description Form.

The position's duties are to be performed in accordance with the PTA's Code of Conduct and the PTA's Values.

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Signature

.....
Date