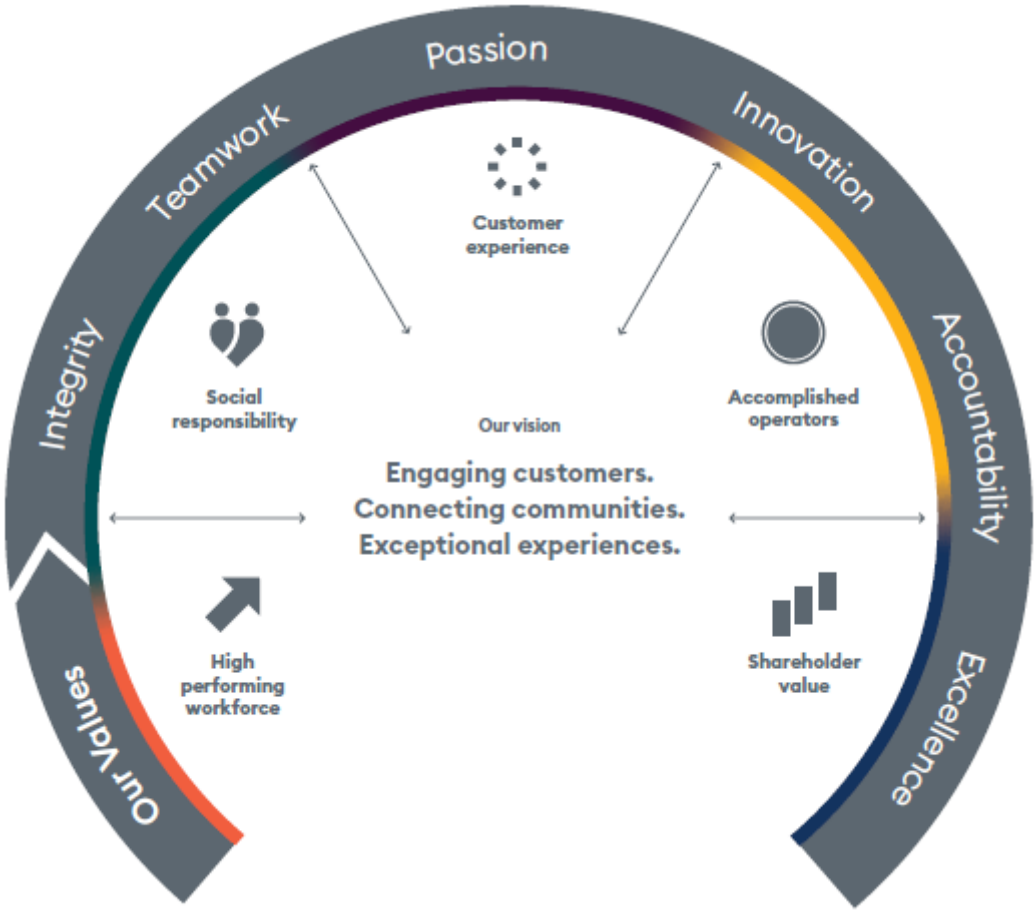
Queensland Airports Limited

Role Description



Our Vision defines our purpose. Our five pillars guide our strategic direction. Within each pillar are strategies to deliver our goals and realise our vision. These strategies drive our existing business and underpin any acquisitions. Our Values influence the right behaviours when making decisions to achieve our Vision.

Position Title:	Solution Architect
Location:	Gold Coast
Department:	Technology
Reports to:	Business Technology Manager
Reporting to this position:	Nil

Position Purpose

This role is responsible for the end to end architectural design, documentation and supervision for the strategic and enterprise architecture alignment for large programmes of work. You will be able to take overall architectural ownership of initiatives from initiation through to delivery. Solutions architects provide the necessary leadership, analysis and design tasks related to the development of an enterprise's solutions architecture. This individual creates deliverables that help develop a direction for managing the organization's portfolio of "to be" and "as is" solutions.

Job Role Requirements

Objective 1: Business environment and knowledge

- Understand business drivers and business capabilities (future and current state) and determine corresponding enterprise system designs and change requirements to drive the organisation's targeted business outcomes
- Monitor the current-state solution portfolio to identify deficiencies through aging of the technologies used by the application, or misalignment with business requirements

Objective 2: Solution Architecture

- Design and lead the implementation of solutions architecture across the group for all business applications and technologies based on enterprise business strategy, business capabilities and business requirements
- Manage and develop the architecture for all technology projects, working closely with supplier application architects

Objective 3: Project Delivery

- Ensure that solutions are delivered with the appropriate levels of technical quality attributes; performance, scalability, availability, security, modifiability, supportability, and reusability
- Work closely with the program management office (PMO) or project management office to ensure the execution of plans corresponds with what is being promised
- Provide consulting support to application architects within projects to ensure the project is aligned with the overall enterprise architecture

Objective 4: Solution Design

- Ensuring system requirements are sufficiently captured to drive the architecting of a solution that fully meets the needs and expectations of system stakeholders
- Provide technical leadership to multi-disciplinary teams for end-to-end solutions by ensuring all facets of the design are integrated into an architecturally compliant implementation
- Facilitate the evaluation and selection of software product standards and services, as well as the design of standard and custom software configurations
- Document all solution architecture design and analysis work

Objective 5: Architecture Principles

- Support the design of architecture principles such as business capability modelling, technology principles, technology capability models and the like
- Develop a roadmap for the evolution of the enterprise application portfolio from future to current state (as defined by the solutions architecture)
- Identify the organisational impact (for example, on skills, processes, structures or culture) and financial impact of the solutions architecture

Objective 6: Technology leadership

- Understand technology trends and the practical application of existing, new, and emerging technologies to enable new and evolving business and operating models
- Guide the business on technology developments and provides insights whilst using business language to describe the technology capabilities

Objective 7: Workplace Health and Safety, Environmental and Aviation Safety & Security

- Take reasonable care for your health and safety
- Take reasonable care for the health and safety of others including the implementation of risk control measures within your control to prevent injuries or illnesses
- Comply with any reasonable instruction in relation to WHS by the Company
- Co-operate with any reasonable policies and procedures of the QAL and associated entities including the reporting of hazards or incidents via the QAL reporting process
- Other responsibilities as outlined in the QAL WHS management system
- Adhere to the locations Environmental Management System (EMS) as relevant to your work activities
- Attend EMS related training
- Adhere to relevant aviation safety and security requirements

Individual Behaviour Expectations

QAL employees expected to demonstrate behaviour which is aligned to our core values:

Teamwork

- Together we succeed
- Everyone is a customer
- We are inclusive and support each other

Innovation

- We think differently
- We are creative
- We share our experience to build new ideas

Accountability

- We take responsibility for our actions
- We all lead by example
- Safety and social responsibility are priorities

Integrity

- We value honesty, respect and fairness
- We do what we say
- We act in the best interests

Passion

- We are enthusiastic
- We care about what we deliver
- We take pride in our work

Excellence

- We have high performance standares
- We add value and deliver quality
- We embrace change and deliver outcomes

Key Stakeholders

Internal: Employees and management at all levels

External: Suppliers, contractors, consultants, stakeholders and the community

Key Capabilities Required to Perform Role

Educational Qualifications:

- Degree in Information Technology or related discipline

Professional Experience:

- 3+ years' experience working in the aviation industry
- 5+ years' experience in large, complex environments
- 8+ years Solution Architecture experience

Specific Job Knowledge, Skills and Abilities:

- Minimum of five years of experience in at least two IT solution development disciplines, including technical architecture, network management, application development, middleware, database management or operations
- Exposure to multiple, diverse technologies and processing environments
- Good understanding of strategic and new and emerging technology trends, and the practical application of existing, new and emerging technologies to new and evolving business and operating models
- Attention to detail and extensive experience with Visio, Excel and architecture software
- Excellent analytical and technical skills
- Excellent written and verbal communication skills
- Exceptional interpersonal skills, including teamwork, facilitation and negotiation

ACKNOWLEDGMENT

I acknowledge that I have read and understood the key result areas described in this Role Description and agree to carry out my duties and responsibilities to the best of my ability. I also understand that at times I may be required to undertake other duties relevant to the position that are not listed in this statement. I acknowledge my employer's right to alter this Role Description from time to time in accordance with company requirements.

_____ _____

Name Date

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Signature

Approved by Line Manager (Signature and Date)		
Reviewed by P&C (Signature and Date)		
Version:		Date: