



Position Description

Position title	Solutions Architect
Classification	EL1
Division	Digital Strategy Division
Location	Brisbane/Sydney/Canberra
UPI number	Multiple
Date of approval	11 October 2021
Category	Info/Comm Tech (ICT)
Job evaluation reference	JER_296_10/21
Agency website	https://www.digitalhealth.gov.au/

About the Australian Digital Health Agency

The need for a connected healthcare system is greater than ever – one that’s accessible, progressive and secure. Better use of data and technology is helping people live healthier lives, with greater control and better access to important health information.

Tasked with improving health outcomes for Australians through the delivery of digital healthcare systems and the National Digital Health Strategy for Australia, the Australian Digital Health Agency (the Agency) commenced operations on 1 July 2016.

The Agency is responsible for national digital health services and systems, with a focus on engagement, innovation, clinical quality, and safety. Our focus is on getting data and technology to work for patients, consumers and the healthcare professionals who look after them.

Our values



Working together
collaboratively



Respect and
trust



Transparent



Accountable



Innovative

Division overview

Digital strategy – responsible for national digital health design and strategy, underpinned by strong clinical governance and digital health standards.

Primary purpose of position

The EL1 Solutions Architect is accountable under broad direction to provide technical leadership and guidance for very complex work that delivers high-quality professional solution architecture and design services to assigned projects or domain teams.

They will be responsible to translate business requirements from different stakeholders into technical solutions and maintain the integrity of business-critical systems while guiding the agreed deliverables of the end-to-end solution.

The EL1 Solutions Architect will work in conjunction with other specialist resources and subject matter experts, including healthcare providers, product owners and policy advisors from across the Agency and the broader Health sector to support the development of project deliverables, program and Agency objectives.

Relevant duties

1. Leadership and Accountability

- Apply in-depth experience in developing enterprise level strategies and architecture for platform environments; providing expert advice, support and complex problem solving to teams on technical aspects of solution development.
- Acquire, maintain and apply a highly developed knowledge of web-based systems architecture, service-based architecture, enterprise application architecture and end-to-end solution design across functional, applications, data, integration, infrastructure and transactional, secure enterprise class systems.
- Provide expert advice on complex N-Tier architecture and design including; API Management and Design, Enterprise Service Bus, Identity and Access Management, Security, Mobile Apps, Websites and Databases.
- Lead the analysis of current state system analysis for large and complex solutions, develop transition state (gap analysis) solution options and the appropriate documentation and artefacts in meaningful representations to benefit target state roadmaps and solution design.

2. Management Diversity and Span

- Support the Agency's adoption activities for the use of Digital Health initiatives including My Health Record; focusing on increase connectivity and use within General Practice, Community, Pharmacy, Private and Public acute care facilities and Aged Care.
- Build capability in a team environment through coaching others and acting as intermediary between the project team, other Agency project teams and external stakeholders to ensure that solution designs and their trade-offs are identified, documented, communicated, endorsed and delivered.

3. Job Context and Environment

- Lead the preparation of technical plans, producing cross functional workflows and sequence diagrams of key system components; capturing and translating business requirements from different stakeholders into technical solutions; maintaining the integrity of business critical systems while guiding the agreed deliverables of the end to end solution.
- Undertake work activities with an awareness of their possible impact on strategic, or operational outcomes for the Agency; taking responsibility to lead the development of solution architecture to ensure design proposals align with ADHA Enterprise Architecture Framework.
- Contributing to the process of business process design, case design, and information design and modelling; providing expertise and support in the development of the end-to-end solution architecture and design for IT projects or initiatives based on business and/or functional requirements in accordance with standards and guidelines.

4. Independence and decision-making

- Work with a level of independence, under broad direction to review and ensure solution designs conform to end-to-end interoperability in accordance with ADHA Enterprise Architecture Framework and agency standards, policies, and processes.
- Providing technical leadership for solution designers and development teams; communicating and making decisions involving architectural governance that are based on professional judgement, evaluating risks and in the context of a complex and changing environment role during the delivery of the end-to-end solution architecture and design,
- Identification of improvement opportunities through assessment of stakeholder business processes and system inefficiencies.
- Work with a focus on research, assessment, analysis and judgement to manage very complex solution architecture and design issues; identifying improvement opportunities; taking the initiative to develop these as recommendations for clear business outcomes.

5. Stakeholder Management

- Develop and manage relationships with key stakeholders, engaging and collaborating to achieve outcomes and facilitate cooperation on the strategic impact and importance of system architecture and design.
- Manage stakeholders through change, negotiating and resolving complex issues in the context of escalated, sensitive or difficult issues.

Essential requirements

Ability to obtain and maintain a Baseline security clearance with the ability to obtain and maintain a higher clearance if required by the Agency

Ability to obtain and maintain national police check.

Australian Citizenship is a condition of eligibility.

Restriction duty

N/A

Capabilities

These capabilities are in line with the Australian Public Service Commission integrated leadership system which can be found on the [Australian Public Service Commission website](#).

Shapes strategic thinking

- Inspires a sense of purpose and direction
- Focuses strategically
- Harnesses information and opportunities
- Shows judgment, intelligence and common-sense

Achieves results

- Builds organisational capability and responsiveness
- Steers and implements change and deals with uncertainty
- Ensures closure and delivers on intended results

Cultivates productive working relationships

- Nurtures internal and external relationships
- Facilitates cooperation and partnerships
- Guides, mentors and develops people

Exemplifies personal drive and integrity

- Commits to action
- Displays resilience
- Demonstrates self-awareness and a commitment to personal development

Communicates with influence

- Communicates clearly
- Listens, understands and adapts to audience
- Negotiates persuasively

Qualifications

- Bachelor's Degree in Computing, Information Systems, or another related field (highly desirable)
- TOGAF certification (desirable)
- Cloud Certification (desirable)
- Minimum of 5 years' experience developing enterprise level strategies and architecture for platform environments
- Experience with HL7 standards (desirable)