



ROLE DESCRIPTION

Role Title:	Enterprise Architect
Classification Code:	ASO8
LHN / HN / SAAS / DHW:	Department for Health and Wellbeing
Division:	new Women's and Children's Hospital Project
Branch:	Infrastructure
Role reports to:	Director Digital Health, nWCH Project
Role Created / Reviewed Date:	September 2021
Criminal and Relevant History Screening:	<input checked="" type="checkbox"/> Working With Children's Check (WWCC) (DHS) <input checked="" type="checkbox"/> General Probity (NPC)
Immunisation Risk Category Requirements:	<input checked="" type="checkbox"/> Category C (minimal patient contact)

ROLE CONTEXT

Primary Objective(s) of role:

The Enterprise Architect is responsible for leading the development and design of the new Women's and Children's Hospital (nWCH) enterprise architecture to ensure that solutions, spanning people, process, information and technology, are fit for purpose and aligned with Digital Health SA reference architectures and principles, and the agreed nWCH Digital Strategic Framework.

The role provides critical enterprise architecture expertise, direction and advice to the selection and implementation of solutions, and the realisation of capabilities that are agile, efficient and meet stakeholder expectations at an acceptable level of cost and risk.

The Enterprise Architect utilises fact-based evidence and industry best practice to make informed decisions and also make recommendations on the optimal balance between:

- Feasibility, viability and desirability of solution options
- Operational improvements and strategic outcomes
- Enabling, supporting and clinical capabilities
- Short term benefits and long-term technical debt

Direct Reports:

- > Solutions Architect.

Key Relationships/ Interactions:

Internal

- > Senior management and staff across the nWCH Project.
- > nWCH Digital Health Workstream senior management in Women's and Children's Health Network (WCHN)
- > WCHN clinical and non-clinical staff.
- > Royal Adelaide Hospital (RAH) clinical and non-clinical staff and Central Adelaide Local Health Network ICT Staff and Architects.
- > Senior management and staff within Digital Health SA (DHSA), notably the Strategy & Architecture and Infrastructure teams.
- > Various governance, working groups and committees across both WCHN and the nWCH Project.
- > SA Health Enterprise Architecture Community of Practice.

External

- > State and Commonwealth Government Agencies
- > Industry analysts, contractors and consultants, suppliers, vendors and Private Service Contractors (PSCs)
- > Consumers, carers and families.
- > nWCH Engineering consortium, nWCH Architects, nWCH Managing Contractor and Systems Integrator.
- > Royal Adelaide Hospital Project Co. ICT leads and staff.

Challenges associated with Role:

Major challenges currently associated with the role include:

- > Architecting and evaluating complex technology solutions that meet end user and business requirements.
- > Working within an environment with a significant number of legacy systems.
- > Liaising with a broad range of stakeholders with varying requirements which need to be aligned to technology solutions, project scope, and the enterprise architecture.
- > Lack of existing / baseline enterprise architecture within current the Women and Children's Hospital.

Delegations:

- > Human resource delegation
- > Procurement delegation.
- > Financial delegation.

Key Result Area and Responsibilities

Key Result Areas	Major Responsibilities
Enterprise Architecture Development	<ul style="list-style-type: none">> Lead the definition, development and design of the nWCH enterprise architecture to ensure that critical solutions spanning people, process, information and technology, are fit for purpose and aligned with Digital Health SA reference architectures and the agreed nWCH Digital Strategic Framework.> Develop, implement and evaluate strategies and plans that communicate and build a shared sense of purpose and direction across the nWCH project and facilitate the translation of strategic intent to tactical goals and objectives.> Provide expert advice and contribution to Digital Health SA enterprise architecture to define whole of health principles, standards and shared capabilities, and to leverage existing digital solution investments and knowledge to support the nWCH Digital Health Workstream.> Establish an enterprise architecture baseline and lead the development and maintenance of an agreed nWCH Target Architecture to deliver the nWCH Digital Strategic Framework and Road Map in compliance with applicable policies, standards and regulations.> Lead the development, establishment and monitoring of policies, principles and procedures that ensure that enterprise architecture is supported by appropriate standards and governance mechanisms.> Research and incorporate best-practice information and cybersecurity principles and standards into design activities to ensure the nWCH's information is secure and only accessible to authorised users.
Enterprise Architecture Implementation and Monitoring	<ul style="list-style-type: none">> Plan and oversee the implementation and maintenance of an efficient, effective, and comprehensive enterprise architecture for the nWCH.> Provide expert advice and architectural guidance to projects and work packages to facilitate the successful delivery of the nWCH Digital Delivery Plan and ensure desired strategic outcomes are achieved while adhering to

Key Result Areas	Major Responsibilities
	<p>applicable architectural principles and reference architectures.</p> <ul style="list-style-type: none"> > Oversee, develop, review and maintain technology and system architecture artefacts, including architecture roadmaps, options analysis and solution/system designs, to ensure fit for purpose and adherence to SA Health and SA Government established standards and patterns. > Provide expert advice to the identification and resolution of critical risks and issues including monitoring the remediation of approved “quick fixes”. > Develop, implement and evaluate procedures to ensure the artefacts for the nWCH enterprise architecture are kept up to date and, with continuous improvement, evolve and mature over time. > Establish, monitor and review processes and systems for architectural governance for the nWCH that implements system of controls over the creation and monitoring of all architectural components and activities. > Undertake the identification, research and analysis of complex emerging technologies, standards and frameworks that are relevant to enterprise architecture design activities and drive technical innovation, system compliance and continuous improvement. > Lead, direct and guide multidisciplinary team members, and manage significant resources, in the delivery of critical and complex Enterprise Architecture related projects and services that support the development, implementation and monitoring of architectures, artefacts and controls for the nWCH.
Technical Advice	<ul style="list-style-type: none"> > Develop and maintain an in-depth understanding of the WCH, RAH and enterprise-wide application and data architectures, and leverage existing capabilities to meet business and technical objectives. > Provide architectural expertise, direction, and advice to peers, technical experts and other stakeholders for the development, integration and deployment of nWCH eHealth solutions. > Influence and provide high level guidance for the design of nWCH-wide solutions and policies, including delivering high level subject matter expertise and critical technical direction and advice to facilitate the identification, diagnosis, classification and resolution of complex issues for the nWCH > Proactively identify and monitor emerging issues, new solutions and changing technical contexts and develop timely strategies for continuous improvement, problem resolution, and opportunity development for nWCH. > Proactively engage at the management and project level to evaluate, challenge and inform business requirements and solution architectures to ensure the best outcome for the nWCH.
Engagement and Advice	<ul style="list-style-type: none"> > Lead and promote a culture of knowledge and information sharing and establish effective knowledge management methods, tools and systems. > Develop and maintain effective working relationships, partnerships and networks with a broad range of key stakeholders, including the WCHN Staff, Digital Health SA, Strategy & Architecture, nWCH PMO, State Government representatives, and service providers to influence and ensure the adoption of critical enterprise architecture across the nWCH Portfolio.. > Establish benefits realisation management in the context of the nWCH strategic roadmap and ensure that appropriate controls are developed, implemented and evaluated to support benefits measurement and reporting. > Liaise with WCHN customers to provide a consultative service, gather information, inform project requirements and coordinate activities for the nWCH.
Continuous Improvement	<ul style="list-style-type: none"> > Develop and implement a model for enterprise architecture services and associated best practice tools, processes, standards and methodologies in co-operation with Digital Health SA Strategy & Architecture.

Key Result Areas	Major Responsibilities
	<ul style="list-style-type: none"><li data-bbox="520 215 1479 277">> Ensure that new services support a high level interoperability to take advantage of resource sharing and integration.<li data-bbox="520 282 1479 369">> Analyse major ICT related project pain-points, business demands, and expenditure against business requirements, capabilities and strategic outcomes to identify areas of investment and improvement.

Knowledge, Skills and Experience

ESSENTIAL MINIMUM REQUIREMENTS

Educational/Vocational Qualifications:

- > Nil.

Personal Abilities/Aptitudes/Skills:

- > Highly effective interpersonal skills, with the proven ability to respond effectively to the requirements of a diverse customer base, identify and analyse conflict, successfully negotiate on complex and sensitive issues and consult and liaise collaboratively with stakeholders at all levels.
- > Excellent written and verbal communication skills, with a high-level ability to articulate and present technically complex concepts clearly and concisely, identify, analyse and conceptualise problems to formulate and execute appropriate solutions, and present high level written reports tailored to the intended audience.
- > High level capacity for original thinking and creativity in the analysis of complex technical subject matter, in a wide and varied range of contexts, and highly ambiguous environments, within a health care context.
- > Proven ability to work independently, as well as collaboratively in a team under broad policy guidelines, exercise significant levels of independent judgement and delegated authority to determine priorities and program goals within the framework of the corporate objectives of the agency and manage a multidisciplinary team and significant resources.

Experience:

- > Extensive experience strategically leading the planning, development, direction and evaluation of solution architectures and programs for complex systems, including application, integration, data and infrastructure elements in a healthcare facility environment.
- > Extensive experience in leading multi-disciplinary teams in the planning, development and adoption of critical enterprise architectures and related architectural standards and frameworks, including architectural principles and non-functional requirements, within large, complex healthcare organisations.
- > Proven experience integrating enterprise architecture services with service planning, project delivery and operations and leading and undertaking user pathway analysis, business capability modelling and business process design within large, complex healthcare organisations.

Knowledge:

- > Demonstrated extensive knowledge of enterprise architectures and the frameworks, standards, tools, methodologies and processes, including TOGAF, ITIL, Prince2, Lean and Agile, used in the development of enterprise architectures within large, complex organisations..
- > Demonstrated in-depth and contemporary knowledge and grasp of technology solution design, particularly as it relates to the design of complex enterprise level system interfaces and data exchanges.
- > Detailed knowledge of information security and cybersecurity principles and standards, and how security informs enterprise architecture design. Detailed knowledge of the systems development lifecycle (SDLC) in a multiplatform architectural environment.
- > Detailed knowledge of government policies and procedures and their application in relation to agency operations, the agency's structure, strategic directions and business imperatives and of project, quality and risk management concepts, methodologies and techniques, particularly as they apply to complex health related environments.

DESIRABLE CHARACTERISTICS

Educational/Vocational Qualifications:

- > A tertiary qualification in Computer Science, Information Technology, Engineering, or applicable discipline.
- > Certified in TOGAF or other relevant qualification.

Experience:

- > Experience with system integration and cloud services.

Knowledge:

- > Detailed knowledge of the national eHealth environment, including national services and standards, and the challenges associated with integration of systems and data in a large, complex digital hospital construction project.

Special Conditions:

- It is mandatory that no person, whether or not already working in SA Health, may be appointed to a position in SA Health unless they have provided the a satisfactory current Criminal and Relevant History Screening, as required by the SA Health Criminal and Relevant History Screening Policy Directive.
- For appointment in a Prescribed Position under the Child Safety (Prohibited Persons) Act (2016), a current Working with Children Check (WWCC) is required from the Department for Human Services Screening Unit. For other positions, a satisfactory National Police Certificate (NPC) assessment is required.
- For 'Prescribed Positions' under the Child Safety (Prohibited Persons) Act (2016), the individual's WWCCs must be renewed every 5 years from the date of issue; and for 'Approved Aged Care Provider Positions' every 3 years from date of issue as required by the Accountability Principles 2014 issued pursuant to the Aged Care Act 1997 (Cth).
- Appointment is subject to immunisation risk category requirements. There may be ongoing immunisation requirements that must be met.
- Depending on work requirements the incumbent may be transferred to other locations across SA Health to perform work appropriate to classification, skills and capabilities either on a permanent or temporary basis subject to relevant provisions of the Public Sector Act 2009 for Public Sector employees or the SA Health (Health Care Act) Human Resources Manual for Health Care Act employees.
- The incumbent may be required to participate in Counter Disaster activities including attendance, as required, at training programs and exercises to develop the necessary skills required to participate in responses in the event of a disaster and/or major incident.

General Requirements:

Managers and staff are required to work in accordance with the Code of Ethics for South Australian Public Sector, Directives, Determinations and Guidelines, and legislative requirements including but not limited to:

- Work Health and Safety Act 2012 (SA) and when relevant WHS Defined Officers must meet due diligence requirements.
 - Return to Work Act 2014 (SA), facilitating the recovery, maintenance or early return to work of employees with work related injury / illness.
 - Meet immunisation requirements as outlined by the Immunisation for Health Care Workers in South Australia Policy Directive.
 - Equal Employment Opportunities (including prevention of bullying, harassment and intimidation).
 - Children and Young People (Safety) Act 2017 (SA) 'Notification of Abuse or Neglect'.
 - Disability Discrimination.
 - Independent Commissioner Against Corruption Act 2012 (SA).
 - Information Privacy Principles Instruction.
 - Relevant Awards, Enterprise Agreements, Public Sector Act 2009, Health Care Act 2008 and the SA Health (Health Care Act) Human Resources Manual.
 - Relevant Australian Standards.
 - Duty to maintain confidentiality.
 - Smoke Free Workplace.
 - To value and respect the needs and contributions of SA Health Aboriginal staff and clients, and commit to the development of Aboriginal cultural competence across all SA Health practice and service delivery.
 - Applying the principles of the South Australian Government's Risk Management Policy to work as appropriate.
- The SA Health workforce contributes to the safety and quality of patient care by adhering to the South Australian Charter of Health Care Rights, understanding the intent of the National Safety and Quality Health Service Standards and participating in quality improvement activities as necessary.

Performance Development:

The incumbent will be required to participate in the organisation's Performance Review and Development Program which will include a regular review of the incumbent's performance against the responsibilities and key result areas associated with their position and a requirement to demonstrate appropriate behaviours which reflect a commitment to SA Health values and strategic directions.

Handling of Official Information:

By virtue of their duties, SA Health employees frequently access, otherwise deal with, and/or are aware of, information that needs to be treated as confidential.

SA Health employees will not access or attempt to access official information, including confidential patient information other than in connection with the performance by them of their duties and/or as authorised.

SA Health employees will not misuse information gained in their official capacity.

SA Health employees will maintain the integrity and security of official or confidential information for which they are responsible. Employees will also ensure that the privacy of individuals is maintained and will only release or disclose information in accordance with relevant legislation, industrial instruments, policy, or lawful and reasonable direction.

White Ribbon:

SA Health has a position of zero tolerance towards men's violence against women in the workplace and the broader community. In accordance with this, the incumbent must at all times act in a manner that is non-threatening, courteous, and respectful and will comply with any instructions, policies, procedures or guidelines issued by SA Health regarding acceptable workplace behaviour.

Resilience:

SA Health employees persevere to achieve goals, stay calm under pressure and are open to feedback.

Organisational Context

Organisational Overview:

Our mission at SA Health is to lead and deliver a comprehensive and sustainable health system that aims to ensure healthier, longer and better lives for all South Australians. We will achieve our objectives by strengthening primary health care, enhancing hospital care, reforming mental health care and improving the health of Aboriginal people.

SA Health is committed to a health system that produces positive health outcomes by focusing on health promotion, illness prevention and early intervention. We will work with other government agencies and the community to address the environmental, socioeconomic, biological and behavioural determinants of health, and to achieve equitable health outcomes for all South Australians.

Our Legal Entities:

SA Health is the brand name for the health portfolio of services and agencies responsible to the Minister for Health and Wellbeing. The Department for Health and Wellbeing is an administrative unit under the Public Sector Act 2009.

The legal entities include but are not limited to the Central Adelaide Local Health Network Inc., Northern Adelaide Local Health Network Inc., Southern Adelaide Local Health Network Inc., Women's and Children's Health Network Inc., Barossa Hills Fleurieu Local Health Network Inc., Eyre and far North Local Health Network Inc., Flinders and Upper North Local Health Network Inc., Limestone Coast Local Health Network Inc., Riverland Mallee Coorong Local Health Network Inc., Yorke and Northern Local Health Network Inc. and SA Ambulance Service Inc.

SA Health Challenges:

The health system is facing the challenges of an ageing population, increased incidence of chronic disease, workforce shortages, and ageing infrastructure. The SA Health Care Plan has been developed to meet these challenges and ensure South Australian's have access to the best available health care in hospitals, health care centres and through GPs and other providers.

Health Network/ Division/ Department:

Infrastructure is part of the Finance and Corporate Services Division within the Department for Health and Ageing. Infrastructure contributes to the delivery of a safe, efficient, effective and environmentally sustainable public health system by planning for, delivering and sustaining infrastructure to meet the needs of clients in SA Health and the Department for Health and Ageing. Infrastructure includes Capital Planning and Evaluation; Capital Projects; Property and Security and SA Biomedical Engineering.

Values

SA Health Values

The values of SA Health are used to indicate the type of conduct required by our employees and the conduct that our customers can expect from our health service:

- We are committed to the values of integrity, respect and accountability.
- We value care, excellence, innovation, creativity, leadership and equity in health care provision and health outcomes.
- We demonstrate our values in our interactions with others in SA Health, the community, and those for whom we care.

Code of Ethics

The *Code of Ethics for the South Australian Public Sector* provides an ethical framework for the public sector and applies to all public service employees:

- Democratic Values – Helping the government, under the law to serve the people of South Australia.
- Service, Respect and Courtesy – Serving the people of South Australia.
- Honesty and Integrity – Acting at all times in such a way as to uphold the public trust.
- Accountability – Holding ourselves accountable for everything we do.
- Professional Conduct Standards – Exhibiting the highest standards of professional conduct.

The Code recognises that some public sector employees are also bound by codes of conduct relevant to their profession.

Approvals

Role Description Approval

I acknowledge that the role I currently occupy has the delegated authority to authorise this document.

Name:

Role Title:

Signature:

Date:

Role Acceptance

Incumbent Acceptance

I have read and understood the responsibilities associated with role, the organisational context and the values of SA Health as outlined within this document.

Name:

Signature:

Date: