Network Solution Architect

POSITION NUMBER 0061393

PROFESSIONAL CLASSIFICATION UOM 10

STANDARD/SALARY

SUPERANNUATION Employer contribution of 17%

WORKING HOURS Full Time (1 FTE)

BASIS OF EMPLOYMENT Continuing

HOW TO APPLY Go to http://about.unimelb.edu.au/careers, under Current staff or Prospective staff, select the relevant option (‘Current Opportunities’ or ‘Jobs available to current staff’) and search for the position by title or number.

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Please do not send your application to this contact

For information about working for the University of Melbourne, visit our website: about.unimelb.edu.au/careers
ACKNOWLEDGEMENT OF COUNTRY

The University of Melbourne acknowledges the Traditional Owners of the unceded land on which we work, learn and live: the Wurundjeri Woi Wurrung and Bunurong peoples (Burnley, Fishermans Bend, Parkville, Southbank and Werribee campuses), the Yorta Yorta Nation (Dookie and Shepparton campuses), and the Dja Dja Wurrung people (Creswick campus).

The University also acknowledges and is grateful to the Traditional Owners, Elders and Knowledge Holders of all Indigenous nations and clans who have been instrumental in our reconciliation journey.

We recognise the unique place held by Aboriginal and Torres Strait Islander peoples as the original owners and custodians of the lands and waterways across the Australian continent, with histories of continuous connection dating back more than 60,000 years. We also acknowledge their enduring cultural practices of caring for Country.

We pay respect to Elders past, present and future, and acknowledge the importance of Indigenous knowledge in the Academy. As a community of researchers, teachers, professional staff and students we are privileged to work and learn every day with Indigenous colleagues and partners.

THE UNIVERSITY OF MELBOURNE

Established in 1853, the University of Melbourne is a leading international university with a tradition of excellence in teaching and research. The main campus in Parkville is recognised as the hub of Australia’s premier knowledge precinct comprising eight hospitals, many leading research institutes and a wide-range of knowledge-based industries. With outstanding performance in international rankings, the University is at the forefront of higher education in the Asia-Pacific region and the world.

The University of Melbourne employs people of outstanding calibre and offers a unique environment where staff are valued and rewarded.

Find out more about the University’s strategy, ‘Advancing Melbourne’, at https://about.unimelb.edu.au/strategy/advancing-melbourne

CHIEF OPERATING OFFICER PORTFOLIO

The Chief Operating Officer (COO) Portfolio enables quality outcomes for students, staff and partners by delivering University-wide services and operational support to meet the organisation’s evolving needs and strategic goals. The portfolio also works in partnership with teams across the University to drive innovation, transformation and improved performance, within and across functions. It is responsible for functions relating to the University’s finances, property, technology, legal and risk management, student and academic support, research and innovation services, operational performance, business services and sustainability.
The COO Portfolio is comprised of seven sub-portfolios:

- Business Services
- Chief Finance Officer Group
- Legal and Risk
- Office of the COO
- Operational Performance Group
- Research, Innovation and Commercialisation
- Student and Scholarly Services

**BUSINESS SERVICES**

Business Services provides a full range of class leading information technology, facilities management, finance, HR and health and safety services to all operating entities of the University.

Enterprise Technology is responsible for all aspects of Enterprise & IT foundational technology including both change (project) and run (operational) aspects.

The Enterprise Services domain team, within Enterprise Technology, plans and delivers a diverse range of projects including IT enablement for new buildings on campus and other facilities / smart campus projects; IT infrastructure projects; integration / identity management / Cybersecurity projects; and application / digital projects in the Enterprise Services Domain (finance, HR, procurement, service management, space management and other back-office Enterprise capabilities).

**EQUAL OPPORTUNITY, DIVERSITY AND INCLUSION**

The University is an equal opportunity employer and is committed to providing a workplace free from all forms of unlawful discrimination, harassment, bullying, vilification and victimisation. The University makes decisions on employment, promotion, and reward on the basis of merit.

The University is committed to all aspects of equal opportunity, diversity and inclusion in the workplace and to providing all staff, students, contractors, honorary appointees, volunteers and visitors with a safe, respectful and rewarding environment free from all forms of unlawful discrimination, harassment, vilification and victimisation. This commitment is set out in the Advancing Melbourne strategy that addresses diversity and inclusion, equal employment opportunity, discrimination, sexual harassment, bullying and appropriate workplace behaviour. All staff are required to comply with all University policies.

The University values diversity because we recognise that the differences in our people’s age, race, ethnicity, culture, gender, nationality, sexual orientation, physical ability and background bring richness to our work environment. Consequently, the People Strategy sets out the strategic aim to drive diversity and inclusion across the University to create an environment where the compounding benefits of a diverse
workforce are recognised as vital in our continuous desire to strive for excellence and reach the targets of Advancing Melbourne.

ABOUT THE ROLE

Position Purpose:
The Network Solution Architect’s purpose is to ensure alignment between the University’s business and IT strategy. This involves the development and communication of Network architecture solutions that resolve stakeholder concerns, which are aligned with the Enterprise Architecture and IT strategy. The Network Architect also oversees the deployment of those projects within the agreed solution architecture and depending on the nature of the project may involve working closely with the technology team during implementation in a technical lead role. The role is also expected to contribute to the development of IT strategy and architecture with domain architects, and to coach and support technical groups. The Network Architect will have the vision and drive to continuously improve solutions in support of IT delivery, working collaboratively with other IT teams and stakeholders to ensure recognition of, and responsiveness to, the needs of internal and external clients.

Key Dimensions and Responsibilities:
Task level: Significant
Organisational knowledge: Moderate
Judgement: Extensive
Operational context: University wide

OH&S and compliance: All staff are required to take reasonable care for their own health and safety and that of other personnel who may be affected by their conduct. These include general staff responsibilities and those additional responsibilities that apply for managers, supervisors and other personnel. Specific responsibilities for the role are available at http://safety.unimelb.edu.au/topics/responsibilities/. Staff must comply with all relevant requirements under the University’s risk management framework including legislation, statutes, regulations and policies.

Core Accountabilities:
1. Network Solution Architecture
   - Contribute to network architecture, design, strategies, and roadmaps across the entire University, encompassing Network Core, Network Access and Telephony Engineering.
   - Provide Network architecture leadership and expertise throughout the lifecycle of projects and systems. Ensure sound technical decisions are made with regards to the reliability, availability and manageability of new and existing wired and wireless network environments are made to effectively meet the service delivery (projects) and service management (operational) objectives.
• Contribute to the development of Network architectures in specific business or functional areas using appropriate tools and techniques, including logical models of components and interfaces.
• Assist in the preparation of technical plans and collaborate with business assurance and project staff within a business change programme to ensure that appropriate technical resources are made available.
• Provide advice on technical aspects of system development and integration (including requests for changes, deviations from specifications, etc.) and ensure that relevant technical strategies, policies, standards and practices (including security) are applied correctly.
• Drive the selection of and implementation of new technologies which provide business benefit to the organisation; support articulation of business cases.
• Contribute to domain architecture including principles and standards and work with other Architects to ensure these are incorporated into designs.

2. Consultancy
• Understand client requirements, collect data, deliver analysis and problem resolution.
• Identify, evaluate, and recommend options, implementing if required.
• Collaborate with, and facilitate stakeholder groups, as part of formal or informal consultancy agreements.
• Seek to fully address client needs, enhancing the capabilities and effectiveness of client personnel, by ensuring that proposed solutions are properly understood and appropriately exploited.

3. Technical Expertise and Knowledge
• Maintain an in-depth knowledge of Network architecture and associated technologies and provide expert advice regarding their application.
• Manage specialist consultancy and system integrators.
• Maintain subject area industry level technical knowledge and expertise.
• Identify new and emerging hardware and software technologies and products, assesses their relevance and potential value to the organisation, contribute to briefings of staff and management.

Selection Criteria:

Education/Qualifications
1. The appointee will have a relevant tertiary qualification in information systems, computer science or engineering to at least Bachelor level or an equivalent combination of relevant experience and education/training such as relevant industry certifications (eg: CCIE, CCNP). Post-tertiary professional qualifications in architecture eg: TOGAF will be highly regarded.

Knowledge and skills:
2. Demonstrate Business Services values by acting in the best interest of your employer; displaying service excellence by striving to deliver beyond expectations and taking ownership of the delivery;
and value working collaboratively, connecting with people and building relationships in your workplace.

3. Highly developed knowledge and skills in Network solution architecture and the architecture process.

4. Demonstrated experience in coordinating large-scale, cross-organisational initiatives with multiple stakeholders.

5. Excellent consultancy skills, including communication, facilitation, and presentation skills with the ability to adapt communication to technical and non-technical stakeholders.

6. Broad understanding of current and emerging technology and possible business applications.

7. Proven commercial acumen, and market awareness with interest in understanding new technologies.

8. Strong customer orientation with the ability to understand stakeholders needs and develop appropriate solutions.

9. Strong analytical and problem-solving skills.

10. Experience in architecting, designing, and building large network infrastructure, including Routing & Switching, within a complex environment is favourable but not essential.

11. Experience in managing external vendors and outsourced services to deliver effective service outcomes.

12. Proven ability to interpret business requirements and constraints into technical network solutions.

Other job related information:

Occasional work out of ordinary hours and occasional travel to other UoM campuses (regional VIC).