



Position details

Administrative services- CSOF6

THE FOLLOWING INFORMATION IS FOR APPLICANTS	
Advertised job title	Solution Architect
Job reference	100814
Tenure and work schedule	Specified Term of 12 months We will explore options for part-time, job-share and flexible work arrangements based on needs of the role and individual circumstances.
Salary range	AU\$131,113 to AU\$153,639 pa (pro-rata for part-time) + up to 15.4% superannuation
Location(s) and office arrangements	Sydney, Melbourne, Canberra, Brisbane
Relocation assistance	N/A
Applications are open to	Australian Citizens Only
Position reports to the	The job title for the line manager of this position
Client focus – internal	0%
Client focus – external	0%
Number of direct reports	0
Enquire about this job	Contact Rohit Sharma(Manager-Analysis, Design and Testing), via email at Rohit.sharma@csiro.au
Support and workplace adjustments	We offer a range of reasonable supports and workplace adjustments. Please let us know via email Sarah.lyons@csiro.au if we can help you to equitably participate in our recruitment process or the role itself.
How to apply	Apply online at https://jobs.csiro.au/ Internal applicants please apply via Jobs Central If you experience difficulties when applying, please email careers.online@csiro.au

Acknowledgement of Country

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](#).

About CSIRO

As Australia's national science agency, CSIRO is solving the greatest challenges through innovative science and technology. Many of our iconic innovations were once considered impossible until someone, just like you, joined us and took on the challenge.

As one of the world's largest multidisciplinary mission-driven research organisations, we are focused on the issues that matter the most: for our quality of life, for the economy and for our environment. We believe diverse teams are more effective and deliver more innovative outcomes. When we all focus on the big things that really matter, and work in partnership with our communities and [Indigenous Australia](#), Australian science and technology can solve seemingly impossible problems and create new value for all Australians. Visit [CSIRO.au](#) for more information.

Role overview

Solution architect to CSIRO Information Management & Technology (IMT) is responsible for designing and guiding the implementation of robust, scalable, secure, and cost-effective technology solutions that meet business needs. This role works across multiple projects, ensuring alignment with enterprise architecture standards, IT strategy, and best practices while collaborating closely with stakeholders from business, architecture, delivery, and operations teams.

Duties and key result areas

Solution Design & Architecture:

- Design integrated solutions across a range of projects including business applications, cyber security initiatives, and infrastructure modernisation, considering functional and non-functional requirements
- Ensure architectural consistency and alignment with enterprise strategies, cyber frameworks, infrastructure standards, architecture principles and roadmaps.
- Produce high-quality architecture documentation including solution overviews, interface diagrams, and security considerations.
- Identify and evaluate options for technology integration, reuse, or innovation.

Project Engagement:

- Work across multiple concurrent projects providing architectural oversight and assurance from initiation through delivery.
- Collaborate with Business Analysts, Project Managers, Technical Leads, Developers, and Testers to ensure designs are understood and implemented correctly.
- Support project scoping by estimating architecture/design effort, identifying dependencies and technical risks.

Governance & Standards:

- Participate in architecture governance processes, contributing to and reviewing architecture decisions and designs.
- Ensure solutions comply with relevant security, data, and operational standards.
- Advocate and embed best practices in solution design, integration, and sustainability.

Stakeholder Engagement:

- Engage with business stakeholders to understand strategic goals and translate them into technical solutions.
- Act as a trusted advisor to project and business teams on technology strategy and direction.
- Communicate complex technical concepts in clear and non-technical language for decision-makers.

Continuous Improvement:

- Monitor emerging technology trends and assess their potential value or impact.
- Provide feedback and recommendations to improve architecture frameworks and delivery models.

Essential

Under CSIRO policy only those who meet all essential criteria can be appointed.

1. The ability to blend and translate business needs and outcomes to align to system elements thus assuring the people, organisations, information, cyber and application needs are accommodated and directly related to business needs.
2. Demonstrated ability to understand and lead conversations across the following considerations:
 - Alignment of business outcomes to operations, information and technology designs
 - Development of information and technology solution designs that are desirable, viable, feasible, and aligned to organisations enterprise architecture.
3. A good understanding key technologies and their licencing models specifically SAP and Power Platform and Azure
4. Demonstrated experience in development of System and Solution Design documentation
5. Solid understanding of automation practices and application architectures
6. Experience producing simple diagrams to convey complex technical problems
7. Demonstrated knowledge, understanding and commitment to principles of Workplace Diversity; Equal Employment Opportunity; Occupational Health, Safety and Environment; and Employee Participation.

Desirable

1. Experience or the ability to demonstrate a commitment to delivering outcomes in innovation centric environments is highly desirable.

Not sure if you meet all the criteria?

While it is CSIRO policy that the successful candidate must meet all the essential criteria, there are many ways to demonstrate this. Don't let the list discourage you. If you are unsure about applying, please reach out to the contact on page 1 of this document so we can discuss the role further.

Required competencies

- **Teamwork and collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.
- **Influence and communication:** Identifies critical stakeholders and influences them via an influential third party, for example through an established network, to gain support for sometimes contentious, proposals/ideas.
- **Resource management/leadership:** Provides leadership that fosters an environment that encourages new ideas and provides support for the development of emerging skills. Creates trust by displaying consistency, understanding, integrity and patience. Plans, seeks, allocates and monitors resources to achieve outcomes.
- **Judgement and problem solving:** Anticipates and manages problems in ambiguous situations. Develops and selects an appropriate course of action and provides for contingencies. Evaluates, interprets and integrates complex bodies of information and draws logical conclusions, synthesises proposals and defends options with reasoned arguments.
- **Independence:** Assesses the risk and opportunity of identified strategies, options and actions. Overcomes problems and setbacks in achieving goals. Invariably includes consideration of value-added future impact on bottom line when determining the optimal and efficient use of resources.
- **Adaptability:** Demonstrates flexibility in thinking and adapts to and manages the increasing rate of organisational change by adjusting strategies, goals and priorities.

Setting you up for success

We understand that not everyone works in the same way and sometimes people may require reasonable support and adjustments to perform at their best. Whether related to the recruitment process and or the role itself, this may include options such as providing different methods of communication, flexible hours or physical adjustments to work methods. If you feel comfortable, we encourage you to share any support and adjustments you may need to carry out the inherent requirements of the role. Please let us know via email Sarah.lyons@csiro.au if we can help you to equitably participate in our recruitment process or the role itself

Life at CSIRO and flexible working arrangements

We [work flexibly at CSIRO](#), offering a range of options for how, when and where you work. We can discuss flexible work arrangements with you during the recruitment process. CSIRO also offers a range of leave entitlements, [benefits](#) and [career development](#) opportunities. To learn more, visit [Careers at CSIRO](#).

We celebrate the uniqueness of our workforce and are committed to creating [diverse and inclusive teams](#) where everyone feels they belong. CSIRO is an equal employment opportunity organisation dedicated to recruiting people based on merit and reflecting the diversity of the community we serve. We recognise true diversity encompasses all ages, nationalities, abilities, cultures, genders, sexualities, faiths, levels of education, diversity of thought and many more

aspects of identity. By empowering diverse teams, our community is reflected in the solutions we create.

CSIRO values

CSIRO is a values-based organisation committed to values-based leadership.

Value	Descriptor	Behaviour
People first	Our priority is the safety and wellbeing of our people. We believe in, and respect, the power of diverse perspectives. We seek out and learn from our differences.	<ul style="list-style-type: none"> • Respectful • Caring • Inclusive
Further together	We achieve more together than we ever could alone. We listen and collaborate, in teams, across disciplines, across boundaries. We embrace ambiguity and use discussion and persistence to generate unique solutions to complex problems.	<ul style="list-style-type: none"> • Accountable • Authentic • Courageous
Making it real	We do science with real impact. We thrive when taking on the big challenges facing the world. We take educated risks and defy convention. We celebrate successes and failures and leverage them to learn as we strive to be the force for positive change.	<ul style="list-style-type: none"> • Partnering • Cooperative • Humble
Trusted	We're driven by purpose but remain objective. We fight misinformation with facts. We earn trust everywhere through everything we do. We trust each other and we hold each other accountable. Together our actions drive Australia's trust in CSIRO.	<ul style="list-style-type: none"> • Curious • Adaptive • Entrepreneurial

Child safety

CSIRO is committed to the safety and wellbeing of all children and young people involved in our activities and programs. View our [Child Safe Policy](#).

Special requirements

Appointment to this role is subject to provision of a pre-employment background check and may be subject to other security/medical/character clearance requirements.

- The successful candidate will undertake a pre-employment background check. Please note that individuals with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
- The successful candidate will be required to obtain and maintain a security clearance at the NV1 Level.