# Position Details

## Technical Services- CSOF6

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| The following information is for applicants | |
| Advertised Job Title | Business Architect |
| Job Reference | 81998 |
| Tenure | Specified Term of 3 years  Full-time or Part-time |
| Salary Range | AU$ $117,917\_ to AU$138,176 pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Various CSIRO sites Australia wide |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | * Australian Citizens Only |
| Position reports to the | Executive Manager – Reinvent Science |
| Client Focus – Internal | 100% |
| Client Focus – External | 0% |
| Number of Direct Reports | 0 |
| 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](mailto:careers.online@csiro.au) or call 1300 984 220. |

### Role Overview

The **Business Architect – Reinvent Science** provides leadership and direction for business transformation and overseeing critical deliverables, such as business capability models, business capabilities, and value streams to the Reinvent Science Program within the **Science Digital Transformation** initiative.

Science Digital Transformation is a CSIRO wide initiative that is empowering our researchers, engineers, and project teams with leading-edge digital technologies, skills and ways of working, to create a better future for Australia. The Reinvent Science program is accelerating discovery and advancing the way we do science using current and future digital technologies – projects within the program are partnerships between our science teams, our digital science unit Data61, and Information Management and Technology (IMT). By joining the program you’ll be part of a cross disciplinary team working to solve a broad spectrum of challenges with innovative digital solutions that combine both current well established technologies (such as high-performance computing, machine learning, cloud, data analysis, modelling and simulation) and emerging or growing digital technologies (such as artificial intelligence, extended reality, digital twins, and robotics), Reinvent Science aims to redefine the tools used for science and allow team CSIRO to tackle currently intractable problems.

The business architect is responsible for aligning strategic objectives and tactical demands. The responsibilities also include (but are not limited to) operating and business model analysis, synergizing with other business entities, developing capability maps and other artifacts, and assisting in the technology enablement of core capabilities and value streams. The role will consult with BUs, and work with Data61 and IMT leadership to support how the program integrates with, and complements, other subprograms of the Science Digital Transformation initiative, as well as other IMT and Data61 activities.

### Duties and Key Result Areas:

1. Employ internal and external resources in the development of business strategies that guide the operation and management of an organisation
2. Liaise with senior business executives to design an operating model that integrates business processes and organization with technical solutions
3. Conduct evaluation of available company assets to generate results which is helpful in identifying capability gaps that need to be filled to achieve set goals
4. Create investment models which serve as an indication of suitable investment choices open to a business organization
5. Develop strategic processes that highlight the essence of external influences (suppliers and customers), as well as their impact on business structure
6. Mentor the activities of junior business analysts to ensure they are in line with set standards
7. Provide architectural solutions for business organizations to address structural issues that hinder achievement of company goals
8. Align the IT initiatives of a company with their business processes
9. Draw up an evaluation system that considers essential contextual parameters during the analysis of an organization’s problem
10. Assess the capacity of a business to meet its targets and objectives using value stream tools and capability map analysis
11. Design structural systems effective in the resolution of complex business problems
12. Measure the effectiveness and outcome of an implemented strategy to determine the possibility for new strategies/implementation scheme
13. Apply their knowledge of business architecture to describe the basic business functions of an organization
14. Interpret data produced within an organization to give insight as to relationships between produced data.
15. Communicate openly, effectively, and respectfully with all staff, clients, and suppliers in the interests of good business practice, collaboration, and enhancement of CSIRO’s reputation.
16. Work collaboratively as part of a multi-disciplinary, often regionally dispersed team, and business unit to carry out tasks in support of CSIRO scientific objectives.
17. Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
18. Other duties as directed.

## **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.

## **Selection Criteria**

#### Essential

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

1. Relevant trade certificate/diploma/bachelor’s degree including equivalent relevant work experience of (6+ years) in Business Architecture, Solutions Architecture roles
2. 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.
3. Demonstrated experience applying architectural principles to business solutions and creating high-level models that can be used in future analysis to extend and mature the business architecture
4. Demonstrated ability to understand and lead teams across the following considerations:
   1. Business architecture
   2. Derivation of business capability models and associated roadmaps.
5. Exceptional communication skills and the ability to communicate appropriately at all levels of the organization; this includes written and verbal communications as well as visualizations
6. The ability to act as liaison conveying information needs of the business to IT and data constraints to the business; apply equal conveyance regarding business strategy and IT strategy, business processes and workflow automation, business initiatives and IT initiatives, and benefit realization and service delivery

## **Desirable:**

1. Experience working in a research organisation

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

* The successful candidate will be required to obtain and maintain a security clearance at the Baseline Level.

## **About CSIRO:**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!