# Position Details

## Technical Services- CSOF6

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| The following information is for applicants | |
| Advertised Job Title | SmartIQ Lead Developer/Architect |
| Job Reference | 73802 |
| Tenure | Specified Term of 3 years  Full-time |
| Salary Range | AU$115k - AU$135k per annum, plus up to 15.4% superannuation |
| Location(s) | Melbourne, VIC or Canberra, ACT |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian Citizens Only |
| Position reports to the | Manager-Digital Solutions Development |
| Client Focus – Internal | 100% |
| Client Focus – External | 0% |
| Number of Direct Reports | 0 |
| Enquire about this job | Rohit Sharma via email [Rohit.Sharma@csiro.au](mailto:Rohit.Sharma@csiro.au) or phone 03 9545 7854 |
| 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 Digital Solutions Development (DSD) team operates within the Information Management & Technology (IMT) business unit focusing on digitisation of business processes across the organisation.

The SmartIQ Lead Developer/Architect takes a leading role in the transformation of paper based processes into data driven user interactions and workflows that meet the needs of our enterprise clients. The role is also responsible for DevOps maturity and building architectural design guidelines to improve quality, speed to market, reliability, and consistency of solutions delivered. The SmartIQ Lead Developer/Architect works on a range of architecture, solution design, development and operations activities in an environment that accommodates and welcomes change. The position operates in an agile and highly collaborative environment where individuals and interactions are valued over process and tools; and working software over comprehensive documentation. The work is undertaken in close collaboration with a high-performing DevOps team, and contributes to the delivery of solutions and services in support of CSIRO’s strategic and operational objectives.

### Duties and Key Result Areas:

* Contribute to the team’s strategic direction and drive plans to achieve strategic goals.
* Within broad guidelines develop strategic and operational plans for the SmartIQ service, having significant independence of action.
* Engage and liaise with clients, business analysts, and developers to promote a Design First development approach.
* Understand complex business processes, how they relate to the applications being managed, and devise appropriate changes to these processes and applications as necessary.
* Lead architectural decisions and contributions to design and information delivery strategies.
* Undertake documentation of technical development to a high level of quality.
* Utilise specialist expertise and make innovative contributions to the development of techniques or processes with significant impact on continuous delivery of solutions on the platform.
* Lead the development of re-usable solution designs, architecture and frameworks.
* Develop a technology roadmap of SmartIQ, direct and coordinate the completion of complex technical projects and undertake the development, implementation or standardisation of procedures and techniques.
* Respond to production issues and routine maintenance activities as required.
* Foster an environment where staff are encouraged to innovate.
* Advise senior management on issues requiring attention and implement management decisions.
* Work collaboratively with colleagues within your team, the business unit and across CSIRO, to reach objectives.
* Choose appropriate technical leadership strategies to maintain high levels of motivation and productivity, giving feedback for development purposes and provide support for improvement.
* Contribute positively to stimulate and promote a team approach, and develop sound working relationships with application users and business owners.
* Respond courteously and efficiently to client requests, maintaining clear communication regarding mutual expectations and monitoring client satisfaction.
* Communicate effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## **Selection Criteria**

#### Essential

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

1. A minimum of approximately 3 years of proven development experience working with SmartIQ (Intelledox) solutions.
2. Strong background as a Senior Solution Architect with a broad range of technologies in a large, complex environment, and hands on experience in the development of architected solutions.
3. The ability to articulate new ideas and concepts to technical and non-technical audiences.
4. Demonstrated experience coding with C#, javascript etc.
5. A good understanding of strategic and new and emerging technology trends.
6. Demonstrated understanding of product management, agile principles and development methodologies and approach to providing architecture governance.
7. The agility to deal with changing requirements and the ability to prioritise a number of competing demands.

## **Desirable:**

1. Experience upgrading SmartIQ solutions to version 12+.
2. Experience working on Cloud architectures and integration with Dynamics 365, SAP and Azure Integration Services
3. Experience in DevOps process methodologies, including automated deployments.
4. Experience working on Windows Server infrastructure and troubleshooting errors in a Windows Server environment.

## **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.

Special Requirements

The successful candidate will be required to obtain and maintain a security clearance at the Negative Vetting 1 (NV1) level.

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](http://www.csiro.au/) and [Information Technology](https://www.csiro.au/en/research/technology-space/it) for more information.

CSIRO is a values-based organisation.  In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* People First
* Further Together
* Making it Real
* Trusted