# Position Description

## Technical Services – CSOF4

The following information is for applicants

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| Advertised Job Title**:** | Network Engineer |
| Job Reference: | 60402 |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | Australian Citizens Only |
| Percentage of Client Focus - Internal: | 100% |
| Percentage of Client Focus - External: | 0% |
| Reports to the: | Network Operations Manager |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries: | Phillip Coles via email - Phillip.Coles@csiro.au*Please do not email your application directly to Phillip Coles. Applications received via this method may not be considered by the selection panel.* |
| Contact Details For Applying: | Call 1300 984 220 or email careers.online@csiro.au.  |
| How to Apply: | Please apply online at [jobs.csiro.au](https://jobs.csiro.au/) and enter the requisition number**.** Internal applicants please apply via ‘Jobs Central’ through the ‘People Hub’ icon  |

## Role Overview:

The role of Technical Staff in CSIRO is to provide support for scientific research in a diverse range of laboratory and field situations across a range of different research projects. This support consists of the application of accepted technical practices and the development of new practices. The work is usually carried out as a member of a centralised service.

The IMT Network Operations team operates one of the largest enterprise networks in Australia, supporting over 57 sites Australia wide with over 60Gbits/sec of internet bandwidth. The network is core to CSIRO’s research and innovation agenda and the team supports a range of client facing services such as wireless and video conferencing.

## Duties and Key Result Areas:

* Provide technical advice relating to Networks and integrated technology services, standards and procedures to team members, management and business owners.
* Contribute towards the growth and development of Network infrastructure.
* Substantial contribution towards planning, developing and collaborating across infrastructure technologies to ensure seamless integration of converged platforms.
* Keep up-to-date with emerging IT trends and standards via formal and informal training and research to ensure an appropriate technical direction for the organisation.
* Analyse and recommend technical training requirements across IM&T support areas to ensure service sustainability and growth.
* Contribute positively to stimulate and promote a team approach, and develop sound working relationships with service users and business owners.
* Liaise and build relationships with clients and system business owners.
* Co-ordinate and produce technical specifications and architectural documentation.
* Produce and maintain systems documentation, including ongoing review of service component appropriation against the IM&T delivery model.
* Operate in various team/technical allocations across the IM&T model depending upon client and service requirement.
* Keep management and other team members informed of progress and issues.
* Liaise with clients to determine their needs and take personal responsibility for their satisfaction, correct problems promptly and in a constructive manner.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## CSIRO Competencies:

1. **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.**
2. **Influence and Communication: Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.**
3. **Resource Management/Leadership: Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.**
4. **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
5. **Independence: Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).**
6. **Adaptability:** Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

## Selection Criteria:

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

1. Cisco certifications in Wireless and Routing & Switching. Relevant Tertiary qualifications in IT or related discipline or equivalent relevant work experience
2. Demonstrated experience leading the design and implementation of enterprise scale infrastructure solutions.
3. Significant experience deploying, configuring and administering the following technologies at an enterprise scale:
	1. Cisco Wireless
	2. Cisco Networking - LAN, MAN, WAN
	3. Data Centre Networking
	4. Data Centre facilities and cable management
	5. Palo Alto firewall solutions
4. The ability to work effectively as part of a multi-disciplinary, regionally dispersed support team, and carry out tasks under general direction in support of scientific research.
5. Demonstrated ability & willingness to contribute novel ideas and approaches in support of scientific investigations.
6. Demonstrated experience applying Cyber Security principles in the implementation of enterprise networking solutions.

## Desirable Criteria:

1. Demonstrated ability to provide technical advice to team members, management and clients including the mentoring of junior staff.
2. Experience in applying scripting and automation to problem solving in an enterprise networking context.
3. Experience in the support, configuration and management of Citrix Netscaler/ADC platforms.

## Special Requirements:

Appointment to this role will require a security clearance of NV1. Candidates must have a clearance or be willing to undertake the clearance process to a successful conclusion.

## About CSIRO:

At CSIRO we solve the greatest challenges through innovative science and technology. See more [online](http://www.csiro.au/)!