

# Position Description



Powering a  
Bright Future

ADMS Engineer

Transformation, Strategy & Digital

Control Systems

## Objectives

- Design and implement Advanced Distribution Management System (ADMS) solutions for TasNetworks', including integration and configuration of ADMS components such as Distribution Power Flow (DPF), Fault Location, Isolation and Fault Restoration (FLISR), Outage Management System (OMS), and training simulators.
- Improve the reliability of the ADMS and ensure accuracy of the distribution network model utilised by the ADMS.
- Improve customer experience and drive the development of ADMS technologies within TasNetworks

## Role Specific Accountabilities

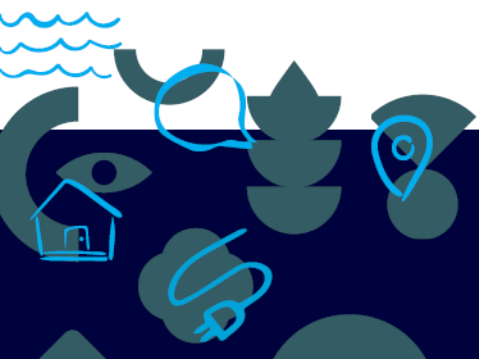
- Design, develop and implement ADMS solutions. This includes working with stakeholders to understand their needs to implement effective new features and system enhancements.
- Test and troubleshoot the ADMS. This includes running tests to ensure the system is operating as designed and troubleshooting any issues that may arise.
- Maintain and update the ADMS. This will involve keeping the system up to date with the latest software and making changes to the system.
- Provide technical support and guidance to ADMS users. This includes resolving issues, providing training to teams such as Network Operations, the fault centre and other engineering teams.
- Stay up to date on the latest ADMS technologies, industry trends and best practice and incorporate this knowledge into your work
- Ensure the network model is kept up to date and is of sufficient quality to support the ADMS
- Participate in an on-call roster, as required.
- Any other duty or task as reasonably and lawfully directed by TasNetworks.

TasNetworks and **you.**

## To be successful in this role

- Bachelor's degree in electrical engineering, computer science or related field is required
- At least 5 years' experience as a SCADA engineer or an equivalent role
- Experience with SCADA systems and/or Distribution Management Systems
- Ability to pass industry background clearance checks
- An excellent understanding of power system modelling, theory and associated principles
- Experience in programming languages, C/C++ will be highly regarded.
- High level of computer competency, including knowledge of IT infrastructure architecture and networking
- Well-developed problem analysis and problem-solving skills
- Experience in retrieving and analysing historical time series data
- Ability to write technical documentation that is clear and easy to understand
- Ability to explain complex technical concepts in a way that is understandable to both technical and non-technical audiences.
- Ability to work independently and as part of a team
- Draw reference to any management or supervisory skills required, if the position is providing either functional supervision or line management

Our behaviours be **curious** be **brave** own it



## Compliance Requirements

- A 'critical worker' suitability assessment for the purposes of the *Security of Critical Infrastructure Act 2018* (Cth) (or any successor to that Act) and the *Security of Critical Infrastructure (Critical Infrastructure Risk Management Program) Rules 2023* (Cth) (or any successor to those Rules), comprised of:
  - a National Security Assessment by ASIO;
  - a Criminal History Check by ACIC; and
  - a Right to Work in Australia check;

Reports to:

|Leader Control Systems|

Direct reports:

|0|

Approved:

|April 2025|

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