Position Description

TasNetworks | Powering a Bright Future

SCADA Engineer

Digital, Strategy and Customer	Control Systems

Objectives	• Maintain and enhance Network Operations' Real-time Systems (data, software, hardware and applications) in a secure and reliable manner to meet TasNetworks operational, regulatory and compliance requirements.
Role Specific Accountabilities	• Ensure the day to day integrity and accuracy of operational applications and information (including but not limited to: SCADA, Energy Management System, Distribution Management System, load shedding, voltage control schemes, and Network Operations' Control System based protection and control schemes). • Proactively identify, diagnose and rectify current or potential system issues in a timely and efficient manner to maximise system availability within TasNetworks and AEMO standards. • Provide advice in relation to real-time systems, including providing advice of their impact on the power system for outages and contingent events. • Assist in planning and conducting of routine audits of Network Operations' Real-time Systems to ensure integrity and cyber security of data, application configuration, and associated infrastructure. • Ensure systems, processes, data, interfaces and procedures are documented to TasNetworks' standards and incorporate business, regularity and AEMOs requirements. • Provide configuration and version/patch management of systems, including outage planning and coordination. • Commissioning of assets into real-time systems in a timely manner to support capital works and other projects. • Support the Network Operations' Control Systems capital works program and associated projects. • Provide data extraction and analysis from real-time systems as required by stakeholders. • Modification of internally developed applications, calculations, and control schemes. • Monitor industry and technology directions and advise on strategic opportunities. • Any other duty or task as reasonably and lawfully directed by TasNetworks.

To be successful in this role

- Demonstrate our Core behvaiours, which are central to all positions at TasNetworks.
- Degree in Engineering and/or equivalent competency or experience.
- An applied knowledge of electricity network utility infrastructure, operation, and power system concepts.
- Real-time or SCADA systems experience relevant to the Electricity Supply Industry.
- Ability to manage work pressures, ambiguity, change and willingness to adapt to different situations.
- Exceptional communication skills including the ability to convey complex topics in an efficient and effective manner.
- High level of initiative, resourcefulness, attention to detail, critical thinking and problem solving.
- Satisfactory security check provided prior to appointment.
- An understanding of cyber security principles and best practice in OT environments.
- An applied knowledge of contemporary computer, storage, network and virtualisation infrastructure.
- Experience in developing in C, C++ or C#.
- An understanding of the issues related to operations in the NEM.
- Availability to participate in an on-call roster to provide after-hours operational support to autonomously undertake corrective maintenance or rectify faults to maximise system availability.
- Able to demonstrate the capacity to perform the inherent requirements of the role.

Reports to:	Direct reports:	Approved:
Leader Control Systems	0	May 2024

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