

Position details

Title of Position:	GIS Analyst
Reports to:	Manager Asset Information
Division:	Assets
Function:	Asset Information
Number of Direct Reports:	Nil
Grade:	4

Health, Safety & Wellbeing

ElectraNet is committed to co-creating a workplace of choice and enriching the communities in which we operate.

As an industry leader, ElectraNet is at the forefront of the clean energy transition. We are socially and environmentally ambitious, and our continued commitment to developing, operating and maintaining our network in a way that creates opportunities for people and nature to thrive is essential to achieving our vision of energising South Australia's Clean Energy future.

Our commitment also drives our focus to create a physical and psychosocial environment that supports the health, safety and wellbeing of our people.

We all contribute to ElectraNet's workplace culture and have a duty of care to ourselves and one another to work safely, assess and manage risk, courageously speak up and promptly report any unsafe working practices, hazardous working conditions or security threats and to collectively learn and grow from every opportunity.

Position Overview

The GIS Analyst will work with the GIS team to autonomously contribute to the delivery of enterprise spatial services assisting the growth of the organisation and development of South Australia's transmission network in the transition to renewable energy. You will support complex GIS and spatial data tasks, manage spatial data requirements, and ensure consistency with processes and practices used across the organisation. You will enjoy the challenge of generating and implementing new ideas and solutions that continually enhance business spatial capability and organisational capability to meet internal stakeholder and customer needs, ensuring its capabilities result in resilient performance.

Success in this role is characterised by strong spatial technical expertise, data management, spatial systems development, effective communication, and an ability to build relationships across broad stakeholder groups to drive complex resolutions effectively.

Key Responsibilities**People Leadership**

- Support the development, delivery and continuous improvement of geospatial and asset management system processes, aligned to key enterprise risks and performance metrics.
- Embrace change and support teams through change management, to ensure its success.
- Create and develop a respectful workplace environment that values cultural diversity, innovation and high performance.

- Contribute to the resolution of problems across business and divisional boundaries based on technical excellence, quality decision making, balanced judgement and technical leadership of a high performing team.
- Develop business networks and collaborate across internal and external organisational boundaries to build strategic relationships that support the achievement of business objectives.

Operational & Technical

- Support the development and maintenance of enterprise spatial datasets and solutions.
- Support staff throughout the organisation on custodial data management issues and data sourcing.
- Establish, maintain and enhance relationships through organisational business partnering.
- Provide technical research, advice and analysis associated with spatial data to the organisation.
- Contribute to the review of existing business processes involving spatial data for effectiveness and efficiency in the delivery of services and recommends improvement strategies.
- Empower others to think innovatively and develop creative solutions.
- Undertake training of staff and provides technical support in the use of a range of applications and GIS products.
- Develop reports, mapping and data products to provide high level cartographic mapping products.
- Undertake data manipulation, analysis, management and visualisation of spatial data sets including 2D and 3D modelling across a range of spatial and spatially enabled systems.
- Assist in the management of field data collection tools including field work on an ad hoc basis.

Behavioural

- Build and maintain strong working relationships with and between internal and external stakeholders, delivering a high level of customer service.
- Create and develop a respectful workplace environment that values cultural diversity, innovation, open discussion and cross functional collaboration to help drive high performance.
- Lead by example; role model desired behaviour and priorities, demonstrate personal accountability for self-development and for achieving quality and timely result.
- Demonstrate behaviour that is consistent with ElectraNet's values, Code of Conduct and Acceptable Use of Technology Resources Policy while performing the role in a professional and ethical manner.
- Promote safe work practises that support the safety of all workers and the security of ElectraNet's assets, proactively reporting safety incidents, near misses and security threats.

Significant Working Relationships

- Assets Division
- Technology
- Legal, Risk and Governance
- Delivery and Major Projects

Equipment & Technology Used

- ArcGIS Enterprise, ArcGIS Online, ArcGIS Pro, ArcGIS Collector, ArcGIS Explorer and ArcGIS Field Maps
- Global Mapper
- SQL Server
- Programming knowledge and experience in ArcGIS Arcade, JavaScript and Python

Selection Criteria

Knowledge & Experience

Essential

- Demonstrated knowledge of relational and spatial database management systems.
- Experience operating in an enterprise environment with ArcGIS Online, ArcGIS Pro, ArcGIS Field Maps, ArcGIS Collector and ArcGIS Explorer.
- Demonstrable experience building and managing geospatial mobile field applications.
- Demonstrable knowledge of spatial datums and projections inclusive of managing the transformation and translation of spatial data.
- Ability to work autonomously in a collaborative team environment.
- Ability to manage conflicting priorities and deliver on agreed timelines.
- Well-developed analytical, investigation and problem-solving skills.
- Ability to work independently, undertake and deliver packages of work with minimal supervision.
- Demonstrable, advanced written and verbal communication skills; good interpersonal skills.
- Demonstrable ability to work as a team member and actively promote office harmony.

Desirable

- Demonstrated knowledge of relational and spatial database management systems including experience working in and managing Enterprise Geodatabases and automation of data workflows.
- Experience operating in an enterprise environment with ArcGIS Enterprise and ArcGIS Portal.
- Knowledge of CAD software applications and CAD data management.
- Knowledge of legislated industry requirements (National Electricity Rules, ESCOSA, OTR, AEMO Guidelines, SOCI Act).
- Flexible approach to working hours and after-hours commitments.
- Electricity Industry background an advantage.

Qualifications

- 3+ years experience in GIS and spatial sciences, data creation/management, data analysis and modelling (essential).
- Tertiary qualifications in GIS, Geomatics, Geography, Environmental Sciences or a related discipline or relevant previous experience (desirable).
- Valid Australian Car Driver's Licence (or eligibility to obtain one) (desirable).

Background Checks

- Pre-employment checks, including background and security checks (such as global criminal checks) are required for this position, completed prior to commencement and repeated on a regular basis after appointment.

NOTE: Copies of the above listed qualifications/licences/certificates are required as evidence on appointment.