

Senior Systems Engineer: Mining

This position reports to the Technical Development Manager and is based in Techno Park, Stellenbosch.

Main Responsibilities:

- Take leadership and responsibility for the management of baseline change control for the mining products already delivered and those under development.
- Coordinate, in conjunction with the system and sub-system engineers, the definition, development and management of the overall system and subsystem interfaces.
- Provide systems engineering support across multiple domains, teams and on multiple products, subsystems and systems.
- Provide field-engineering services for radars and sub-systems to aid in fault diagnostics and rectification. At times, work closely with the call centre, software and hardware engineering.
- Take responsibility for all systems engineering elements of design and development through simulation, integration, test & verification for sub-systems and systems within mining.
- Lead the definition of architectures and solutions derived from vague or abstract requirements. Assist in formulating client/market requirements and trends.
- Use experience to employ innovative and unique methods and techniques to improve the efficiency of the systems engineering outcomes.
- Review and integrate multiple activity reports into system level analysis and reports to ensure quality and integrity of results and recommendations within uncertain contexts.
- Assist in project planning, costing and scheduling.
- Ensure project documentation and qualification requirements are met and contained in RRS Configuration Management System.
- Coach or mentor young engineers in the field of engineering and specifically systems engineering

Qualifications and Skills Requirements:

- Minimum qualification: B.Eng (Electronic). M.Eng preferred
- Minimum 10+ years' relevant experience

Technical Skills Required

- Extensive technical knowledge and experience related to systems engineering
- Understand software development process, signal processing and RF design.
- Matlab experience is an advantage.
- EB experience is an advantage.

Competencies:

1. Excellent communication and reporting skills
2. Problem Assessment
3. Decision Making
4. Confidence and Decisiveness
5. Building and Maintaining Relationships
6. Communication
7. Planning and Organising
8. Stress Tolerance

Should you be interested and meet the requirements, please submit your application to Monique van der Walt at careers@reutech.co.za.

Should you not receive any feedback within 2-weeks from the advert closure date, please consider your application as unsuccessful.

The company reserves the right to cancel or amend vacancy as advertised.