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Job Description

Role: Systems Engineer

Reporting to the Vice President - Americas

Locations: Various coal mining regions across the United States.

Your responsibilities will include:

- Working with the Mine Site Technologies Sales team and Mine Site Technologies' distributors on the technical aspects of the sales process. This involves:
 - Analysing customer requirements;
 - Preparation of conceptual designs;
 - Presentation of those solutions to customers.
- Preparation of system quotations, detailed designs, Bill Of Materials listings, and As Built documents for projects involving:
 - Underground fibre optic and wireless Ethernet networks;
 - Real time tracking of miners and mining equipment underground;
 - Wireless VoIP systems;
 - Real time data collection from underground mobile mining equipment;
 - Control systems for underground mining (eg: traffic light and ventilation system control)
- Design, preparation and creation of templates and "as-built documentation" including but not limited to:
 - AutoCAD Mine Plans and Drawings
 - Site Survey Documentation
 - Scope of Works
 - System Design Documentation
 - Training Documentation
- Act as the key point of contact for engineering design during project delivery – primarily during the scoping, detailed design and commissioning stages. This requires close co-operation with Project Managers and Technical Leads on the projects.
- Being the point of contact for technical support enquiries on the ImPact product line. This will involve the resolution of field issues that may be experienced by customers or distributors. Where necessary these support issues are to be escalated to the Product Engineering team. The ImPact product line encompasses:
 - Underground Ethernet network infrastructure (fibre optic and wireless).
 - VoWLAN (Voice over Wireless LAN) handsets.
 - Tracking solutions using 802.11 wireless technologies – applied to both underground and surface mining operations.
 - Real time data collection from underground mining equipment.
- Providing product feedback to the Product Engineering team.

Note: US citizens or Green Card holders only to apply. Apply to mst@minesite.com.au