

## PROJECT ENGINEER

Posted: May 15, 2017  
Position: Project Engineer  
Salary: Competitive  
Application Deadline: Open until filled  
Employment Level: Full Time  
Location: Tucson, AZ

### PURPOSE

To provide site-based and remote system support to Guardvant clients all around the world. To deploy new and upgraded Guardvant systems at client mine sites. To do basic troubleshooting and configuration of Guardvant software and computer operating systems. To develop procedures and system reports in response to client requests and needs.

Percent of Travel Required: 0% - 50%  
Job Function: Engineering

**Education: BSc in Engineering or related field (e.g., Computer Engineering, Electrical Engineering, or Computer Science).**

### ROLES AND RESPONSIBILITIES

#### 1. Duties

- Working environment will vary from office to site based and can include working at heights and through challenging environmental conditions including heat, noise, and dust
- Independently perform work as required to ensure client reliability expectations are met including:
  - Defining and reviewing project proposals and plans with colleagues and customers
  - Execution of projects including definition of project phases, elements and schedule
  - Determine project specifications by studying product design, customer requirements, and performance standards
  - Loading of basic configurations, upgrades and operating systems onto computing equipment (field and servers) following defined change management procedure

- Maintain and control projects following standard project management standards including monitoring of project progress, coordinating activities, and problem resolution
- Maintain project data base of deployed systems and specific configurations
- Writing computer programs, entering and backing up data.
- Contributes to team effort by accomplishing related results as and when required
- Establish and maintain effective working relationships with Guardvant Inc. Project Engineers

## **2. General**

- Protect the Guardvant brand and reputation by exhibiting good behaviour and reporting on any noncompliance to safety, procedural, or other client dictated regulations
- Maintain good relations with client personnel and clearly communicate any issues that may arise
- Establish and maintain effective working relationships with Guardvant Inc. managers, technicians and engineers
- Continuously seek opportunities to improve the quality of the systems, installations, and support procedures

## **3. Skills**

- Operating systems including Linux, Android, and Windows
- Experience with the application of technology in a harsh industrial environment
- Requirements analysis
- Project Management
- Process improvement tools and techniques such as 6 Sigma
- Documentation
- Safety management
- Microsoft Office tools
- Direct customer interaction and involvement
- Ability to work on multiple tasks concurrently
- Ability to explain and train others on complex technology
- Debugging of complicated problems or bugs
- Hardware/software/firmware bring-up
- Training of customers and/or FAEs
- Wireless Networking
- Ethernet
- TCP/IP
- Networking protocols
- Switching and Routing technologies

## **Communications**

- Excellent written and verbal skills

- Strong presentation skills are desired
- Excellent team-work skills