

STOP WORKING IN THE DARK

Project Engineer

Minetec, a member of the Codan group of companies, is an established service partner to the mining industry. The company offers tailor-made mining technology solutions utilising its own highly specialised safety and productivity-based products to serve underground and surface mining operations of customers worldwide. Our people are committed to defining and achieving ambitious goals; to drive continuous change and embrace change.

About the role

Reporting to the Project Manager and working closely with the Development Engineers, Project Engineers and Technicians, you will have an excellent technical ability that you will put in to practice supporting a broad spectrum of remote, integrated, hardware and software operational deployments.

The role is expected to take ownership of system design tasks and work collaboratively with other team members to provide project solutions to meet customer requirements. On a daily basis, you will create and update detailed design documents, drawings, testing procedures as well as perform testing and calculations to verify designs, communicate and document challenges and risks to the Project Manager and other key stakeholders. Site travel, both domestic and international, will be required during the deployment and commissioning stages of the project.

Responsibilities of the role include:

- System design and verification of network, communication and RF systems
- Detailed design documentation, specifications and testing procedures
- Remote site system deployment, training, commissioning and maintenance
- Performing factory and site acceptance testing
- Support maintenance contracts
- Take ownership of technical issues and work with our development team to resolve issues that are more advanced
- Management and deployment of upgrade projects
- Focus on ensuring maximum client system availability
- Run preventative maintenance routines
- Ensure client system documentation is kept up-to-date
- Remote application configuration and troubleshooting
- Storage maintenance and backups
- Provide training to customers as required

What you'll need

We are looking for someone who has the ability to meet tight deadlines with a drive for continuous improvement. A degree in computer science, communications engineering or similar as well as 3 to 5 years of experience in the field or in a related area are essential. You will also demonstrate:

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- Excellent written and verbal communication, including strong document writing skills
- Attention to detail oriented, highly proactive and self-motivated
- Ability to work autonomously or as part of a team
- A keen interest in learning new technologies
- Broad experience of IT with an understanding of Networks, Servers and other integrated IT systems.
- High level experience in the design and implementation of RF systems including HF, VHF, DMR, P25 and TETRA
- Detailed experience and working knowledge of RF/Wireless system (Mesh, PTP, PTMP) design and implementation;
- Experience in leaky feeder/underground communications; tracking and location services
- A working background with Linux, Windows Server and virtualised environments.
- Microsoft Operating System installation and troubleshooting skills

Proven skills and working knowledge of the following is also desirable:

- Unix/Linux shell scripting experience (e.g. Bourne shell, BASH)
- Unix/Linux configuration and management experience (e.g. Ubuntu, Debian, Solaris)
- experience with Virtual Machine configuration and management (e.g. VMware, VirtualBox)
- Windows desktop and server configuration and management experience (e.g. MS Windows 7/8/10, MS Windows Server 2012+)
- Java/C#/C/C++ experience
- Unix/Linux development tools experience (e.g. ANSI/GNU C compiler, make)
- Web development experience (HTML 4/5, CSS Level 2/3)
- Relational database experience (e.g. PostgreSQL, Microsoft SQL Server, MySQL, Oracle)
- Source code management experience, (e.g. Git, Subversion, CVS)
- Continuous integration and deployment exposure (e.g. Jenkins, TeamCity)
- Some experience with RESTful web services (aka. Web API)
- Networking experience with CISCO or similar
- General electrical engineering experience in a mining environment

This position will require some domestic and international travel.

What we offer

Minetec offers an opportunity to join a highly entrepreneurial organisation on the cusp of significant growth; a real opportunity to make a difference. We offer a highly competitive salary package and genuine opportunities to develop your skills and further your career.

To apply

Please submit your resume and a brief covering letter addressing your suitability for the role based on the above criteria. Email enquiries only please to careers@minetec.com.au

www.minetec.com.au