

Job Title:	Professional Engineer (PE) - Land Mobile Radio/Network
Immediate Supervisor:	Project Manager/Staff Supervisor
Job Description	See Below
<p>Role and Responsibilities</p> <p>Engineers are responsible for land mobile radio, microwave and network knowledge for consulting on design, procurement, installation, project management and quality assurance for client projects. Engineers are also responsible for performing RF Engineering functions in conjunction with sound project management techniques and need to have the ability to work on multiple land mobile radio, microwave and network projects. The Engineer may lead development projects as well as mentor staff with assignments and technical problem solving. The Engineer oversees and consults on managing the land mobile radio, microwave and network planning and optimization activities, as well as supports customers in land mobile radio, microwave and network rollout and future expansion strategies. The Engineer will conduct system evaluations and make appropriate recommendations to modify designs or repair equipment as needed, as well as identify and recommend system improvements to improve technical performance. The Engineer ensures the quality of work delivered by the project team. Engineers are also responsible for additional duties as assigned by the President, Vice President or Project Managers/Staff Supervisors.</p> <p>Preferred Skills</p> <p>Engineers must be able to work independently on multiple projects with little supervision. Engineers should have the knowledge and ability to consult on land mobile radio, microwave and network projects with a knowledge of system design, product capabilities, RF propagation and microwave path profile software, system loading, FCC and FAA rules and regulations. Engineers should also be familiar with public safety systems including 911 center technology, EOCs, public safety towers, next generation 911 systems, microwave systems and land mobile radio analog, P25 phase I and phase II technology. Engineers should have a working knowledge of personal computers, Microsoft Office, and smart phones. Engineers should have excellent verbal and writing skills. Engineers should be team players, able to supervise multiple project team members and be willing to assist other staff members with projects. Engineers must be willing to travel, including overnight travel. In addition, Engineers should be willing to seek opportunities for self-improvement and to grow within the company.</p> <p>Preferred Background</p> <p>Engineers must have a background in electrical engineering, electronics engineering or RF engineering. A knowledge of public safety land mobile radio systems, microwave and vendors, 911 technology and emergency management is preferred. Pre and/or post sales RF Engineering experience with land mobile radio desired.</p>	

Requirements

Engineers must have a Bachelor of Science degree in electrical engineering, electronics engineering or similar engineering degree with an emphasis on RF. **Professional Engineering (PE) licensure is required.** A minimum of five years relevant work experience is required. Engineers must have a valid driver's licenses at all times while employed. Engineers must be able to pass a background check. Engineers must be able to travel, including overnight travel. Engineers must have access to a reliable vehicle for travel while employed.