



## **Embedded-Real time Software Engineer**

Location: Stafford TX

Job ID: ERTSE

**Wireless Seismic, Inc.** is introducing a revolutionary new exploration seismograph to the energy industry and is currently rounding out its Stafford development team. This exciting new product combines technologies from the seismic, wireless and mesh network industries and an initial version of the system has been successfully field tested. The company is funded by a large domestic energy company whose primary interest is to accelerate the development of the wireless system for use by its seismic contractors. The Company has recently opened new offices in Stafford, TX and Louisville, CO. Our employees are the key to our success and we look for energetic individuals with an entrepreneurial spirit that want to be part of our success in being the cutting edge leader in seismograph technology.

As an Embedded-Real time Software Engineer you will participate in the embedded software development of the real-time subsystems of a proprietary seismic acquisition system intended for general consumption in the oil and gas exploration market. The foreseeable products include the Central Recording System event-handling, the truck-interface aux-channel and source control, the Line-Tap & backhaul, and the Wireless Seismic Rib.

### **Key Responsibilities:**

- Develop the command and control and exception handling applications for all real-time subsystems.
- Prepare for and participate in design and code reviews as needed for both personal and peer tasks.
- Participate in subsystem integration tasks when required.
- Write appropriate statements of work and specifications, based on product requirements, to communicate the engineering intent to Product Marketing and Company management, for your area of responsibility.
- Assist in configuring and maintaining appropriate tools, operating systems, computer hardware, and communication interfaces to implement the product as described by Product Marketing.

### **Education/Experience/Skills:**

- BSEE with 3-5 years of relevant experience or a BS Computer Science with relevant hardware experience.
- Seismic experience preferred
- Demonstrated knowledge of electronics hardware, real-time computing including operating systems and primitives, state-machines, and messaging architectures.
- Experience in documenting and compliance with coding standards, source control and defect maintenance.
- Experience with formal project scheduling and reporting processes

**Wireless Seismic Inc.** is an Equal Opportunity Employer. We recruit, train, compensate and promote without regard to race, religion, creed, color, national origin, sexual orientation, marital status, veteran's status or disability.

If you are interested in this position, please email your resume and salary requirements to [careers@wirelesseismic.com](mailto:careers@wirelesseismic.com), and reference the position in the subject line.