

## Job Opportunity for Senior Wireless Communication Systems Engineer

Silvus is a fast-growing high-tech entrepreneurial company in the heart of West Los Angeles. The company delivers the most technologically advanced Mobile Ad-Hoc Networking (MANET) solution to multiple markets including: Commercial Broadcasting; Law Enforcement; Unmanned Systems; and Military, among others. Along with its successful MANET product line, the company also delivers on ground breaking research in wireless communications.

### The Opportunity

Silvus is seeking a full time **Senior Wireless Communication Systems Engineer** to participate in the development of Silvus' MANET radios and advanced research projects.

- **Must be a U.S. person** (permanent resident or citizen) due to clients under government contract

### Technical Responsibilities

- System performance and requirement specification.
- Algorithm and protocol design for wireless communications systems.
- Matlab & C/C++ based simulator development.
- Fixed point design and simulation.
- System architecture definition.
- Handoff to and work with the hardware and software team for system implementation and testing.
- Work with the hardware and the software team to characterize and troubleshoot system performance issues.

### Qualifications

- MSEE required, PhD in Electrical Engineering a plus.
- 5+ years of relevant communication systems design experience.
- Experienced in the design and development of OFDM based systems, a must.
- Fluent with C/C++ and/or MATLAB a must.
- Must possess a working knowledge of RF signal propagation, channel modeling, digital communication technologies.
- Knowledge of signal processing algorithms a definite plus.
- Knowledge of MIMO systems a definite plus.
- Knowledge of Medium Access Controls and networking a definite plus.
- Knowledge of wireless ad-hoc networking and routing algorithms a definite plus.
- Experience with wireless communication hardware a definite plus.
- Ability to pass background check.

**Silvus Technologies, Inc.**

(310) 479-3333

[www.silvustechologies.com](http://www.silvustechologies.com)



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Contact Information

Qualified candidates should send their resume to [jobs@silvustechnologies.com](mailto:jobs@silvustechnologies.com).