

## **Job Opportunity for a Senior Embedded Software Engineer**

10990 Wilshire Blvd., #1500  
Silvus Technologies, Inc.  
Los Angeles, CA – 90024

### **The Opportunity:**

Silvus Technologies Inc. is seeking a Senior Embedded Software Engineer to participate in the development of Silvus's state of the art StreamCaster wireless mesh networking products and advanced research projects. Specifically, these responsibilities include software design and implementation for embedded communication systems, simulations/emulations of large scale wireless adhoc mesh networks, customer demonstration applications and GUI development, system performance testing and characterization software.

This opportunity is well suited for an entrepreneurial minded individual who is looking to take on greater and diverse set of challenges associated with a highly dynamic startup environment.

### **Technical Responsibilities:**

- Research, implementation and evaluation of MAC (Medium Access Control) and routing protocols, both on hardware and in simulations/emulations.
- Implementation of standard protocols on the Silvus Streamcaster radio, e.g. JAUS, DLEP, COT, SNMP, etc.
- Manage, maintain and extend the Silvus Streamcaster firmware on different platforms and architectures.
- Implementation of network management software and web interface.
- Application and user interface development for customer demonstrations and evaluations.
- Implementation of performance testing software.

### **Technical Qualifications:**

- BS Required, MS/PhD in Electrical Engineering or Computer Science a definite plus.
- 2-4 years of relevant embedded system software development experiences required.
- Expert in C programming. Other language such as C++, Python, JavaScript is a definite plus.
- Linux kernel development experiences a definite plus.
- Experiences with socket programming and various Internet/Ethernet protocols a plus.
- Knowledge of MAC and Networking layer of a communication system a plus.
- Knowledge of Voice/Video application over wireless networks a plus.
- Knowledge of encryption and authentication over wireless networks a plus.

- GUI and web interface development experiences a plus.
- Experiences of software development under real-time operating system a plus.

**Contact Information:**

Interested candidates should email their resumes to [jobs@silvustechologies.com](mailto:jobs@silvustechologies.com).