

JOB DESCRIPTION FORM

Department Description

Cambium Networks is a leading global provider of wireless broadband solutions that connect the unconnected – People, Places and Things, from 2 meters to 245 kilometers.

Cambium Networks has an extensive portfolio of reliable, scalable and secure Fixed Wireless Broadband point-to-point (PTP), point-to-multipoint (PMP) and WiFi platforms; managed by cloud-based NMS software. Cambium Networks makes it possible for service providers; enterprises; governmental and military agencies; oil, gas and utility companies; Internet service providers; and public safety networks to build powerful communications networks, and intelligently manage their infrastructure.

Headquartered in Rolling Meadows, IL, outside Chicago, with R&D centers in the USA; Ashburton, UK; Bangalore, India; and Kiev, Ukraine.

The Bangalore engineering department includes software, FPGA, test, and RF and antenna development.

Scope of Responsibilities & Position Expectations

Will be part of the team working on Cambium’s next generation Point to Multipoint (PMP) product line, incorporating LTE technology.

Self-driven design and development of system and networking features, and porting to new hardware platforms.

Responsible for concise documentation of architecture and functionality of the feature being developed.

Interface with product management and customers to understand requirements and propose solutions.

Deliver robust, well designed, unit tested features.

Participate in design review and code reviews, with the goal of continuous improvement in product quality.

Knowledge/ Skill Requirement

- Highly proficient in C and embedded Linux development, with at least 6 years of experience
- Experience with multi-threaded programming and IPC mechanisms
- Experience with Sequans LTE chipset or similar chipset
- Experience with Open WRT
- Knowledge of TCP/IP and excellent understanding of ARP, DNS, DHCP, RADIUS, PPPoE etc
- Experience writing portable code that runs across multiple hardware architectures
- Knowledge of Linux user space concepts.
- Strong foundation in software engineering best practices
- Practice secure and defensive coding, create maintainable and easy to troubleshoot code
- Strong analytical and problem solving skills
- Excellent verbal and written communication skills
- Experience working in a multi-site, multi-national development team
- Candidate must be highly self-motivated with a desire to produce world class innovation to meet connectivity needs for the future

