

Job Category

Software Engineering

Position Type

Experienced

Education Required

Bachelors / Degree

Department Description

Our clients Point to Point Wireless Solutions Group designs, markets and manufactures a range of advanced OFDM and MIMO based point-to-point Ethernet radios for high-speed backhaul in difficult non-line-of sight environments or over long distances, for the Enterprise, Service Provider, and Government & Public Safety sectors. Their industry-leading products have been recognised by 2 Queen's Awards in the last 2 years: one for innovation, and one for export.

The group is based in, Devon, on the edge of the Dartmoor National Park, neighbouring Torbay, and close to the cities of Exeter and Plymouth at the end of the M5 motorway.

The engineering department is responsible for all product development and production support of PTP radios, and runs concurrent development projects across the product range.

Scope of Responsibilities/Expectations

Report to the software development manager in the engineering department. Participate in the architecture, design and development of high-speed wireless IP products.

Responsible for contributions in all phases of software and firmware development lifecycle, from conception, through implementation of features, to integration and testing.

Interact and coordinate with members of other engineering and production teams.

Assist with the diagnosis and resolution of customer problems.

Specific Knowledge/Skills

Very strong experience of embedded software development in C is required.

Experience of developing drivers, and integrating hardware, firmware and software using various RTOS is required.

Familiarity with embedded CPUs, DSPs, drivers for FLASH, NVRAM, Ethernet and TCP/IP is required.

Strong analytical, problem solving and creative abilities, with excellent verbal and

written communication skills is required. Must be experienced and proficient with the following: requirements analysis, design, coding, reviewing, contributing to test plans, testing, diagnosing, fixing and support of product releases.

Experience and knowledge of structured design methodologies and the UML is required.

Familiarity with scripting languages, such as awk, Python, Perl is required.

Experience of developing under ClearCase is highly desirable.

LAN/WAN telecommunications knowledge and experience is highly desirable.

A background of RF experience is a plus.