

## REMOTE DIAGNOSTIC TECHNOLOGIES LTD

### Job Description Outline

JOB TITLE: Development Engineer - Software  
DEPARTMENT: Design Engineering  
POSITION: Permanent Staff  
REPORTING TO: Director of Software Development & Software Technical Manager  
LOCATION: Office based near Basingstoke, UK; occasional travel worldwide  
COMPANY: Remote Diagnostic Technologies, a Philips Company

This Development Engineering (Software) role is a position in dynamic, fast growing company, RDT, that leads the world in the practical application of emergency medical equipment. RDT is a Philips Healthcare Company. The successful candidate will be responsible for a broad range of aspects of the design and development of the product software.

The company's products are medical vital signs monitors and therapy devices used during patient transport and in remote location applications. The TempusPro system is targeted at military and paramedic customers; TempusIC is used on aircraft in-flight, yachts and other maritime vessels. The technology involved includes interfacing to leading edge OEM medical modules, advanced data communications systems, satcom, and computer networks with technologies including built-in Wifi, cell-phone, Bluetooth, and Voip. Other software products include systems to receive data and present it to users on a web based system. This system has advanced features for the management of pre-hospital patients.

The work will include preparation of architecture, plans, software specifications, acceptance test cases and technical liaison with RDT's off-shore software sub-contractors who develop the code. Development work will include testing interim releases of code, identifying and tracking changes, and integrated system testing. There will be a significant element of technical liaison for contract work to create software designs and manage deliverables against development plans. The broad job requirements will follow the development tasks through from concept, development, pre-production, and into production release. *Note that this role does not involve writing code.*

In principle, the job involves developing software for new features in the company's product development road map. It will need someone keen to understand and gather requirements, develop software design concepts and manage the implementation and testing of a specific area of product features.

The person will, from time to time, be required to assist with technical aspects of the installation and support of demonstration systems and new products; this work is typically office based.

A rigorous approach to engineering will be necessary, working with systems required to maintain compliance with the company's quality system. An understanding of embedded systems will be important.

#### **Essential Qualifications / Experience**

- A Bachelor of Engineering or Computing degree or equivalent from an accredited school in an appropriate engineering/technical discipline.
- Working knowledge and experience of Windows software.
- PC literate. Experienced in Word, Excel and Internet applications.

- The job will require an aptitude for managing sub-contractors and working with customer technical staff plus a willingness to travel occasionally.

**Desirable**

- Background in software design, verification/validation, and use of relevant software programming tools, for example, Visual C++/C#, and Windows CE.
- Experience of working within an organization operating an engineering quality system and meeting regulatory requirements.
- Understanding of communications protocols TCP/UDP, TLS/SSL.

**Interpersonal Skills**

- Strong interpersonal, communication, attention to detail and “self-starter” skills.
- Ability to work as a part of a team, or individually while using own initiative.
- First-class analytical and problem-solving skills with a dedication to maintaining high quality standards.

For further information refer to the website: [www.rdtltd.com](http://www.rdtltd.com).

This is an outline job description, and cannot cover the many detailed aspects inherent in the job. Jobholders will be expected to undertake similar or related duties and responsibilities to those listed.