

# Job Specification

## Systems Engineer

<b><u>Reports to:</u></b>	UK Director
<b><u>Based:</u></b>	Glasgow
<b><u>Salary:</u></b>	£35,000 – £50,000 depending on experience (benefits including bonus programme and stock options )

### **Company Overview:**

Pressure Profile systems (PPS) are at the forefront of developing exciting new pressure sensing technologies for the medical devices, automotive, robotics and ergonomics sectors with an impressive worldwide client base which includes many Fortune 500 companies such as Sony; Apple; Microsoft; P & G; Nissan and Johnson & Johnson.

Established in 2014 in partnership with the University of Strathclyde, PPS UK is a dynamic and entrepreneurial technology company acting as the R&D Centre for the international PPS family with teams based in California and Korea. Together, PPS, act as an incubator for new technologies and solutions and each member of our teams play a key role in this model, as we fund our development efforts with the commercial business.

Utilising superior and unique technology we have solved problems that no other company in the world can and our teams are led by eminent, highly respected technology professionals with first class engineering and commercial credentials.

We are one of the few companies in the world providing specialised solutions to niche markets and we're looking for very bright and highly talented engineers to join this entrepreneurial team. As a company we continually strive to ensure all are given a highly valuable career experience and a real opportunity to help expand our technology portfolio and product range. Further Company information is available at [www.pressureprofile.com](http://www.pressureprofile.com)

### **Role Description:**

The Systems Engineer will be the 'development technical lead' on a number of PPS projects, interfacing directly with electronic, software, mechanical and sensors engineers to deliver complex sensor systems. They will be responsible for the overall technical coordination of the project, ensuring that the various engineering disciplines interface effectively to produce coherent, high performance, well documented, systems. The initial focus will be on the development of an exciting new pressure sensing medical device, but the person will need to understand and guide potential PPS customers towards successful technical solutions.

### **Responsibilities will include:**

- Development technical management with a relatively detailed understanding of all aspects of the system and a willingness to distribute relevant information across the team and to external contractors.

- Project system design, including specifications, architecture and interface definitions. This will include both internal projects, and custom sensor designs for external companies.
- Working with sales team to translate customer requirements into a set of project specifications and a conceptual design. This will include participation in sales calls, including 'on-the-fly' conceptual designs.
- System documentation, both for internal use, assembly and when interfacing with external component manufacturers.
- A leading role in technical design decisions through the system development process. Essentially the one person in the team that understands the whole system (not just the software, or mechanics, or sensors).

### **Essential Skills:**

With several years post qualifying experience you will already have worked in an environment where you have proven your ability to create innovative and novel technical solutions.

Essential skills include:

- Product, or custom system development experience, focusing on highly technical projects.
- Experience managing multiple complex projects in parallel.
- An ability to proactively lead projects, ensuring they reach a successful conclusion. They should not be afraid to proactively direct the team as required.
- A generalist who can talk to the relevant engineering disciplines, including software, electrical, mechanical and production.
- Excellent written and verbal communication skills, with an ability to listen, engage and persuade and to present complex information in an accessible way to a range of audiences.
- Experienced producing professional engineering documentation including system diagrams, BOMs.
- Experience with design version control and document management.
- An ability to plan and organise own workload effectively

### **Attributes:**

The successful candidate will be able to demonstrate the following attributes:

- Intellectually curious with a strong drive to produce innovative but practical solutions
- A dynamic and entrepreneurial approach to work
- A reliable decision maker
- Strong team player able to develop and nurture internal and external relationships
- Flexible and open minded
- Able to embrace international working partnerships with cultural sensitivity
- Proven self-starter capable of working with autonomy, importantly they should be able to 'get things done', even in the face of serious challenges.
- Keen to take ownership of career and buy into the company vision



**CAPTURING**  
THE SENSE OF TOUCH

**Relationships:**

Internal: Engineering teams; UK Director.

External: Manufacturers; Suppliers; Diverse client base; Academic and Research institutes

PPS is spread between UK, US and Korean offices, so a degree of flexible working is required to successfully interface with the remote teams.

**TO APPLY:** Please email our Resourcing Partner at [karen@kmpeoplesolutions.co.uk](mailto:karen@kmpeoplesolutions.co.uk)