

JOB DESCRIPTION

Senior Systems Engineer

Overview (About us)

Whether it's industrial embedded computing, custom lithium battery packs, secure communication systems, antennas, or imaging technology we design, manufacture and supply it.

From the ocean floor to the edge of space, Steatite innovation is making sure that vital technology operates consistently, reliably, and above all safely, around the clock.

Our products can be found gathering scientific insight in the cold and crushing depths at the ocean floor, transmitting high bandwidth data across hostile terrain, processing colossal amounts of traffic data, and enabling secure ticket sales on board a train.

From the first day of your employment with us, you will be part of an organisation that cares for your safety and wellbeing and strives every day to make your work rewarding.

Summary Details

Job Type:	On site
Job Title:	Senior Systems Engineer
Location:	Redditch, Worcestershire
Hours:	38 hours per week
Salary Package:	Competitive
Benefits	<p>25 days holiday increasing to 28 days after ten years' service, plus bank holidays</p> <p>Discretionary annual bonus</p> <p>Pension – 5% employee, 4% employer (salary sacrifice)</p> <p>One month notice period after probationary period</p> <p>Development opportunities relevant to your role</p> <p>Enrolled in Employee Share Scheme following 12 months service</p> <p>Access to Westfield Healthcare scheme, including:</p> <ul style="list-style-type: none"> • Corporate Health Cash Plan including cover for dependents • Employee Assistance Programme • Discounted Gym membership • Retail & Travel discount scheme • Wellbeing App

Qualifications:	Degree in product design or electrical/electronic engineering or relevant demonstrable experience
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The type of person we are looking for (About you)

We are seeking someone who has a flexible and adaptable approach to their workload, who is curious and open minded and keen to seek out evolving and innovative ways to add value to the role. You must be able to work effectively and inclusively with a range of people and be determined, resourceful and driven to deliver the best results for our customers and the business. You will have a passion for and be eager to learn new skills and seek development opportunities in the course of your employment.

The Role (What you'll be doing)

This role encompasses the following responsibilities:

- Overseeing the design and development, testing (functional, EMC and environmental), implementation and production of bespoke products to meet client requirements, including aspects of project management.
- Effectively oversee various product qualification testing – CE, EMC, LVD and environmental ensuring all relevant documentation is completed.
- Liaise with colleagues and project teams to ensure control over product development processes.
- Creating and maintaining technical wiring diagrams.
- Oversee and control BOM (Bill of Materials) procedures using MRP System.
- Apply the Engineering Change Control Process to effectively introduce design changes.
- Provide technical support, as required, to the Purchasing department/Supply Chain.
- Work in harmony with component suppliers; maintaining strong working relationships.
- Identify and assess alternative electrical cables/components for use as necessary.
- Help achieve overall business objectives, meeting and exceeding client expectations in relation to design, development, testing, manufacturing, customer support etc.
- Work closely with Production to oversee the smooth transfer of products through in to manufacture.
- Any other duties as the business requires.

Key Competencies

- Security Clearances will be required.
- Able to effectively oversee complex electronic product development at all stages.
- Extensive knowledge of computer-based systems.
- Proven knowledge of system and equipment wiring.
- Understanding of relevant documentation and the standards (including military standards) testing be completed to.
- Good understanding and experience of electronic components.

- Able to understand electrical / electronic component data sheets.
- Excellent problem-solving skills.
- Able to understand and interpret circuit diagrams.
- Familiar with instrumentation / test equipment: oscilloscopes, multi-meters, temperature sensors etc. and how to connect and use them.
- Knowledge and experience in designing products to meet a wide range of EMC and environmental requirements.
- Valid UK driving licence.

Useful Additional Expertise

- Experienced with Microsoft Office applications including Microsoft Project.
- Extensive electronics engineering experience, with the ability to understand, specify and review circuit diagrams and the resultant PCB layout.
- Qualification and verification testing