



Intelligent Tracking & Monitoring Devices

Job Specification:

UK Engineering: Lead Mechanical Design Engineer

Omni-ID is recruiting for a Senior Mechanical Design Engineer to join our dynamic R&D Engineering team in Farnham, Surrey, UK.

Company Overview

Omni-ID is market leader in developing and manufacturing innovative RFID on metal tags for use in environments where classic dipoles fail to perform. We are currently expanding our product offering to include a range of new active products using BLE & LoRa technologies to increase the communication range and include additional sensor data. Over the years we have developed an extensive range of bespoke products to fulfil the needs of our customers from a wide range of markets, such as IT datacentres, Oil & Gas, manufacturing, military, transportation, automotive and many more. We have built a customer base that includes many for the top global companies such as Cisco, HP, IBM, Facebook, EBay, Whirlpool, NASA, USMC, Boeing, Daimler, Ford, Fiat, Mitsubishi, Honda, BMW, Stanley Black & Decker.

Role Overview

You will be working in a highly thought-of engineering team, developing state of the art passive RFID tags and IoT active devices, that is regarded as one of the best by industry leaders.

The ideal candidate must have minimum 5 years commercial experience working in a design and manufacturing environment and designing plastic injection moulded parts for high volume manufacture.

In this role you will be the Lead Mechanical Engineering resource within the UK Engineering design team, responsible for leading the mechanical design of the product.

You will be working closely with Omni-ID engineering teams located in UK, China and The United States of America.

You will be responsible for generating innovative designs in Solidworks and taking them through the whole development life cycle process, from concept to mass production sign off. At your disposal will be a fully equipped Test and Measurement laboratory in China to perform Environmental and mechanical testing of your designs as well a laboratory in Farnham to carryout prototype builds and product testing.

The ideal candidate will have proven track record in designing products for high volume manufacturing which are designed for long term outdoor use in harsh environments.

Qualifications and Experience

- Degree or Equivalent in a related engineering subject area.
- Advanced working knowledge of Solidworks 3D CAD modelling.
- Experience in ultrasonic welding techniques.
- Experience in designing double shot overmolded products.
- Experience in rapid prototyping techniques, driving 3D printers, etc.
- History of thinking out of the box to develop innovative products and mechanical solutions.
- Experience in product environmental testing and industry testing standards.
- Experience in DFM (Design For Manufacture) with plastics (Injection Moulding).
- Good appreciation for product design.
- Implementing best practices in publishing engineering drawing with documentation control.
- Experience in designing rugged and durable products that meet industry and custom requirements for long term outdoor use and harsh environments.

Attributes.

You will need to have good communication skills, have good attention to detail and able to work in a fast-paced, dynamic environment.

You will be expected to attend regular engineering meetings to present new designs and provide project status updates.

To apply please e-mail your CV and covering letter to Charles Vilner – charles.vilner@omni-id.com

www.omni-id.com