



## Job Description: NZ

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**POSITION TITLE:** Hardware Engineering Lead

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**REPORTS TO:** Engineering Manager

**DATE:** September 2017

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### SCOPE OF THE ROLE

Our purpose is to bravely solve complex transportation problems, delivering intuitive solutions to help our customers succeed. We design and manufacture world class hardware or do technical selection of commercially available hardware for this purpose delivering value to customers on compliance, safety and fleet management.

The hardware engineering lead is responsible for delivering quality hardware solutions to market. They are responsible for all engineering aspects of EROAD's technical activities relating to hardware design, commercial offering selection and NPI to enable EROAD to deliver quality hardware products on time.

The hardware engineering lead is hands-on and is accountable for hardware product development including mechanical and electronic design, production testing and NPI.

The scope of the role includes oversight and project management of EROAD's hardware product delivery from concept through to manufacturing.

At EROAD we have a mixture of in-house designed and ODM products in our hardware portfolio. You will be comfortable working with ODM partners with the global supply chain manager and doing technical selections for hardware products along with developing propriety hardware. Experience with contract manufacturers and hardware component lifecycle management is a must. Your experience in designing for manufacture will help ensure that once the design phase is complete, manufacturing is efficient, cost effective and scalable.

### RESPONSIBILITIES

- Successful end-to-end management of hardware projects
- Liaising with ODM partners, suppliers and contract manufacturers as necessary
- Management of electronic design and production test engineering team
- Support EROAD's manufacturing with engineering related tasks as required
- Proactively manage the hardware portfolio across the full hardware development lifecycle
- Effectively communicate any new or emerging trends that may impact the present or future hardware portfolio
- Take the lead on managing compliance and certification of EROAD hardware solutions as necessary



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|                            | <ul style="list-style-type: none"><li>• Work closely with in-field installers to elicit feedback and make adjustments to hardware and accessories as necessary to support rapid and high quality installation of EROAD hardware</li><li>• Comply with and promote EROAD's Safety and Wellbeing programme</li></ul>   |
| <b>COMPETENCIES</b>        | <ul style="list-style-type: none"><li>• Tertiary education in Electrical or Electronic Engineering (BE or equivalent)</li><li>• Circuit and PCB design experience (preferred)</li><li>• Excellent verbal and written communication skills</li><li>• Ability to lead a team</li><li>• An extensive understanding of electronic and embedded software product development</li><li>• Project management experience</li><li>• Experience with using contract manufacturing partners</li><li>• Experience with product compliance and certification</li><li>• Self-motivated, with an ability to work autonomously and within a team environment</li><li>• Excellent stakeholder management skills, with the ability to interact with internal and external clients alike</li><li>• Domain knowledge/background in one or more of the core disciplines of embedded software, electrical or mechanical engineering</li><li>• Demonstrated ability to drive rapid hardware product development from conception to prototype to final product</li><li>• Strong team player, able to deliver timely results in a highly collaborative team environment</li><li>• Able to innovate and work independently in dynamic environment</li><li>• Great personality, positive attitude, passionate about making a difference</li><li>• Strong analytical and problem solving skills</li></ul> |
| <b>PERSONAL ATTRIBUTES</b> | <ul style="list-style-type: none"><li>• High degree of personal integrity and exemplary professional standards</li><li>• Ability to work in a team-oriented, collaborative environment</li><li>• Ability to work independently, with limited supervision, while understanding the necessity for communicating and coordinating work efforts with other team members</li><li>• Quality oriented with keen attention to detail and deadlines</li><li>• Ability to effectively prioritize and execute tasks in a high pressure environment Excellent interpersonal skills</li><li>• Self-motivated</li><li>• Must exhibit a professional manner in dealing with others and work to maintain constructive working relationship</li><li>• Desire to grow in areas of expertise as required by the evolving needs and goals of the company</li></ul>   |
| <b>REQUIRED EXPERIENCE</b> | <ul style="list-style-type: none"><li>• 5+ years' experience in product design and delivery in a high tech industry</li><li>• 2+ years' experience in team lead or management role</li></ul>   |



This Job Description is not intended to be complete or limiting – the role will require a proactive and flexible approach to manage tasks that support a rapid and innovative product development environment.

EROAD is in a “high growth” mode. There will be times when the role will be required to complete tasks outside those mentioned above because this role will have the relevant skills and may have higher availability than other team members.