



Principal System Engineer, R&D

Location: Orange County (CA), US

COMPANY OVERVIEW

BVI® is refocusing the future of vision. As one of the fastest-growing, diversified surgical ophthalmic businesses in the world, our purpose-built portfolio spans more than 115 countries. We've set our sights on touching the lives of millions of patients affected by conditions such as cataracts, refractive error, glaucoma, retinal disease, and dry eye.

Unburdened by legacy or bureaucracy, we have developed our strategy around a simple concept — taking pride in delivering innovative solutions for our physicians and patients, based on their needs. We trust and empower our associates to make decisions and solve problems because collaboration drives us. Valuing agility, simplicity, and transparency, we stay committed to listening to our customers, delivering for our patients, and keeping the future in focus.

PURPOSE

Responsible for the design and development of ophthalmology surgical devices



RESPONSIBILITIES

- Provide system domain expertise to serve as the main integrator between the hardware and software functions.
- Proactively collaborate with global teams
- Work across functions and team boundaries to define, design, and implement the next generation of products.
- Create and iterate user needs, risk management, and product requirements while identifying plans for verification and validation
- Identify and mitigate project risks
- Interface with internal and external suppliers, manufacturers, and customers
- Work collaboratively with project teams and engineering skillsets through all stages of development
- Ensure regulatory, statutory, and, legislative compliance

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

- Comprehensive knowledge of medical device specialization with strong understanding of several engineering disciplines
- Demonstrated ability to lead with and without functional direct-line authority, effectively engaging key Stakeholders
- Effectively utilize problem solving skills and techniques to identify potential issues, assess their impact, and develop and implement mitigation and resolution plans and activities
- Full understanding of Design Control
- Experience with creation and full traceability across user needs, risk management, product requirements, and V&V
- Knowledge of ISO, regulatory and legislative standards applicable to the development of medical devices
- Excellent interpersonal and communication skills with all levels of associates, management, and external partners
- Experience with MATLAB Simulink, C/C++, QT, QML, Linux
- Familiar with ARM and Sharc DSP microprocessors



MINIMUM REQUIRED EDUCATION AND EXPERIENCE

- Bachelor's Degree or equivalent years of directly related experience (or Assoc. +14yrs; M.S. +7yrs; PhD +6yr)
- Fluent English

PHYSICAL REQUIREMENTS

- Extensive use of keyboard requiring repetitive motion of fingers.
- Extensive use of telephone and face-to-face communication requiring accurate perception of speech.
- Regular sitting for extended periods of time.
- Expected travel is 30%

Interested? Submit a **cover letter** and **C.V.**
to TalentAcquisition@bvimedical.com



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