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Senior Mechanical Engineer

Octane Wireless, a leading communications equipment developer and manufacturer, is seeking a detailed oriented Senior Mechanical Engineer. The successful candidate will be part of our engineering development team realizing unique antenna and communications products. This full-time position is located in our Hanover, MD research, development and manufacturing facility.

Responsibilities:

- Participate as a member of our multidisciplinary engineering team that designs, develops, prototypes, and tests our advanced antenna and RF-over-fiber communications products
- Design and develop housings for our electronic and antenna assemblies that meet stringent environmental requirements
- Perform engineering calculations to support design work
- Create engineering prototypes and oversee environmental and mechanical testing
- Use industry standard design practices compliant with ISO9001 standards
- Develop and review technical and manufacturing drawings, work instructions, and bills of material for manufacturing and third party vendors
- Ensure documentation is accurately reflected in the company's configuration management system.
- Interface with part suppliers and vendors, coordinating the specification, purchase and delivery of fabricated components
- Help transition products from R&D to manufacturing
- Audit production personnel who manufacture our designs

Position Requirements:

- Bachelors Degree in Mechanical Engineering
- 5 - 15 years of product design experience
- Firm grasp of engineering concepts, and experience designing mechanical systems and products
- Experience in packaging of RF products and understanding of RF materials
- Exceptional technical and problem-solving skills and reasoning ability
- Proficiency in the use of SolidWorks
- Knowledge and familiarity with the fabrication methods of sheet metal and machined parts
- Knowledge of plastic injection molding, tooling, machining, part and assembly design and manufacturing processes
- Self-motivated and able to work with minimum supervision in a multidisciplinary team environment
- Detail oriented and capable of managing multiple projects and designs simultaneously
- Strong written and oral communications skills and able to clearly and effectively articulate mechanical performance in written narrative
- Excellent work ethic
- US Citizen or permanent resident