

Datamars is an innovation and quality leader in the animal and farm management spaces well as in the textile management industry. Our many years of experience in RFID and integrated systems, coupled with our deep understanding of our customers' operations have made us a leading choice of successful businesses around the globe. Our family of product brands allows us to offer a comprehensive range of integrated services and products, including companion animal identification and reunification products, livestock health delivery systems and animal and farm management products, and textile inventory management systems. Our products are delivered via our extensive network of experienced service, sales, distribution channels and partners. Datamars has over 1,800 employees located in offices around the globe, including the Americas, Europe and Asia. Datamars is a private company, founded in 1988 and headquartered in Lamone, Switzerland.

For more information, please visit [www.datamars.com](http://www.datamars.com)

At Datamars, our people, our legacy strength in technology, our closeness to customers and our quality products help drive our success as we work towards an exciting, sustainable future. Are you ready to join our team?

To reinforce our UHF electronic team, we are searching a

## Senior UHF RFID Engineer

### KEY RESPONSIBILITIES

Within the R&D Department, the Senior UHF Engineer will have the responsibility to design, implement, test and characterize RFID transponders in UHF (800-1'000MHz) frequencies. The candidate will reinforce the existing electronic team and he/she will work in close collaboration with all departments, in the Head Quarter and the subsidiaries, to follow the development phases from the initial feasibility until the final industrialization and release of the product. An important part of the activity will be in product testing, characterization and validation, including reporting and documentation. Working place: Headquarter in Lamone (Switzerland).

### MAIN DUTIES

- Design, development, test and characterization of RFID transponders in UHF (865 ~ 930 MHz) bandwidth. Design the product to fulfil the requirements, keeping as objectives the functionality and durability of the device as well as the manufacturability, cost and quality. The development of new products can either be done internally or with external parties, which could be Datamars subsidiaries or subcontractors. In both cases the candidate will coordinate and manage the project.

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Test, qualification and validation of new products and/or products from the market (benchmark), including reporting and documentation.

- Optimization and improvement of existing UHF products, mainly for life cycle management, cost reduction and/or customization. Product improvement and innovation; he/she will work to improve existing products, in all the different aspects, such as cost reduction, feature improvement or quality improvement. The candidate will also be responsible, together with the Product management team, to investigate new product ideas and propose innovative products.
- Project management responsibility from the early stage (product requirements definition) to the product freeze, assuring not only a good and reliable product but also an efficient and cost-effective manufacturability. After the product freeze milestone, he/she will support the production teams (located in the different Datamars subsidiaries) for the industrialization of the parts and transfer the knowledge acquired during the development.
- During the development phase, the candidate will coordinate the project and interact with the different stakeholders (product management, quality, production, supply chain and purchasing) to guarantee that all aspects of the product have been taken into consideration. He/she will report the progress with presentations and meeting minutes and will guarantee that the project schedule is maintained.

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## REQUIREMENTS

- Engineering master's degree in Electronics Telecommunications or equivalent
- More than 5 years of experience within UHF development and/or RFID systems
- Working knowledge of RFID antenna design, preferably in UHF
- Experience in product requirements' analysis and definition
- Proactive attitude and independent in his/her work
- Precise and systematic execution, well organized, applying working methods and procedures
- Availability to travel during industrialization phase in order to ensure knowledge transfer to production units
- Driving license
- Fluent in English

Are considered an advantage:

- Experience in manufacturing process of RFID devices
- Sound competences in UHF antenna design and SW-simulation
- Extensive experience in project management
- Basic Experience in MATLAB and/or other programming languages (i.e. C)
- Basic Knowledge in statistics
- Fluent in Italian and/or German

**WE OFFER**

- Exposure to an international environment
- Possibility to make a difference for the entire company with technical innovative competences
- cross functional responsibility
- Dynamic work environment

Does this position meet your interest, and do you have the requested skills? Then please send your complete application with motivation letter, CV, references to **recruiting@datamars.com** and mention your name and **“Senior UHF RFID Engineer”** in the subject line.

Applications that don't fulfil the requirements will not be considered for the selection.

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