Datamars is an innovation and quality leader in the animal management and textile management industries. 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 identification 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

For our R&D team based in Lamone, Switzerland, we are searching the following (new) position

UHF & LF RFID Engineer

KEY RESPONSIBILITIES

Within the R&D Department in Datamars' HQ, **UHF/LF Engineer** will have the responsibility to design, implement, test and characterize RFID transponders & reading systems in UHF (800-1'000MHz) and LF (100-150kHz) frequencies for both the Textile and Livestock divisions.

MAIN DUTIES

Responsible for the following tasks:

- Design, development, testing and characterization of RFID transponders in UHF (865 ~ 930 MHz) bandwidth
- Optimization and improvement of existing UHF and LF products, mainly for life cycle management, cost reduction, second sources and/or customization
- HW/SW collaboration on the design and development of RFID transponders / reading / testing system
- Test, qualification, and validation of new products and/or products from the market (benchmark), including technical documentation according to QMS policies.
- Collaboration on design and execution of test / trials for new UHF applications in the market
- Support and knowledge transfer during the products' industrialization phases.

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- Intense cooperation with other departments: Production, Quality, Purchasing & Product

REQUIREMENTS

- BSc or MSc in Electrical Engineering, Telecommunication Engineering, or equivalent
- 5 or more years of experience within UHF development and/or RFID reading / programming systems
- Working knowledge of RFID antenna design, preferably in UHF
- Sound knowledge in EM simulation SW, like Ansys HFSS
- 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
- Experience in manufacturing process of RFID devices is a plus
- Basic Experience in Matlab and/or other programming languages (i.e. Python, .NET) is a plus
- Basic notions of statistical analysis are a plus
- Willingness to travel during industrialization phase to ensure knowledge transfer to production units
- Excellent English, written and spoken

WE OFFER

- Possibility to be exposed to an international environment in a company with excellent reputation
- Possibility to develop competencies in product development and project management
- Dynamic and young work environment

Does this position meet your interest, and do you have the requested skills? Then please send your application (in English) with motivation letter and CV to **recruiting@datamars.com** and mention your name and "**UHF & LF RFID Engineer"** in the subject line.

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

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