Product Cybersecurity Manager

Zurich / Munich

Embotech is an award-winning software scale-up developing cutting edge autonomous driving technology and solutions for autonomous vehicles, with focus on private ground applications such as trucks at port terminals and passenger cars in factories. We are delivering safe autonomous transportation by leveraging the real-time optimization technology that we have been developing since 2012.

We are looking for an experienced Product Cybersecurity Manager based in Zurich or Munich. You will be responsible for identifying, mitigating and managing cybersecurity risk across all the organization's products, as well as ensuring their compliance with required cybersecurity standards and regulations.

We offer an exciting role in a fast-growing company with attractive conditions and flexible hours. Embotech develops innovative products in a modern and dynamic environment, and you can expect an international atmosphere, with highly skilled colleagues with a passion for excellence and efficiency. We are looking for highly motivated people to help us solve one of the most complex challenges of today and take our company to the next level.

Responsibilities:

Product cyber risk management:

- Perform TARA and vulnerability analyses under IEC 62443 and related standards
- Work closely with the Functional Safety manager to align on safety-relevant cyber risks
- Develop cybersecurity concepts and requirements together with the cybersecurity architect and product technical leads
- Define and support the implementation of cybersecurity V&V activities
- Maintain risk and vulnerability registers
- Manage supply-chain security risks
- Lead vulnerability disclosure, management and incident response for embotech products

Cybersecurity management:

- Own cybersecurity policies, procedures, training and culture at Embotech
- Ensure product compliance with Machinery Regulation, CRA and other frameworks
- Support other areas with the assessment and mitigation of information or cybersecurity risks

Requirements:

Must have:

- Degree or vocational training in information security, computer science or a related field
- IEC 62443 training is desirable. Other security certifications are a plus
- 5+ years of hands-on cybersecurity experience, ideally in the industrial automation/OT or automotive fields
- Practical experience with TARA, threat modelling and vulnerability analysis under IEC 62443 or ISO 21434
- Working knowledge of secure development processes, from security concept to V&V
- Experience in the management of supply-chain risks, vulnerabilities, and security incidents
- Familiarity with functional safety (IEC 61508, ISO 13849, ISO 26262)
- Self-driven, accountable and hands-on
- Team player, ready to help
- Fluent English. German is an advantage

Nice to have:

- Knowledge of best security practices and tooling for relevant technologies such as C++, Linux, Docker and AWS
- Experience working with a CSMS or ISMS
- Experience owning product security end-to-end

Our preferred starting time for this position is **ASAP**. We look forward to receiving your application documents (CV, cover letter & reference letters) by email:

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