

Cyber Security Engineer



C-RAD is a global medical device company with head quarter in Uppsala. We develop, produce and sell innovative solutions to healthcare customers. The focus is on patient positioning, monitoring and imaging within radiation therapy. We are market leader in the field of optical patient positioning. C-RAD is a stock listed company at NASDAQ OMX Nordic Exchange. C-RAD group consists of three daughter companies in Sweden and sales offices in the USA, Germany, France and China. C-RAD is ISO 13485 certified.

Our core values are Professional, Organized and Honest.

*We are currently looking for a **Cyber Security Engineer** to strengthen our R&D team.*

Join C-RAD to fight cancer – in Uppsala

Our products enable precision health through positioning and monitoring of patients in radiation therapy, which maximize the dose in tumours and minimize the dose in surrounding tissues.

We are now strengthening our R&D team in Uppsala with Cyber security engineering expertise. Our task is to develop and integrate world class systems to our patient positioning/monitoring products for radio therapy.

Your contribution to our success

As a Cyber security engineer your primary responsibility is to ensure the safety and security of the C-RAD products and applications. You will actively drive C-RAD's cyber security program, perform the evolving medical device cyber security pre-market threat analysis and risk assessment, in accordance with the overall strategy, to make cyber security an integral component throughout the product development lifecycle for our medical device businesses.

The candidate must have an excellent combination of software development skills and knowledge in security principles to prioritize the functional/technical aspects of the solution, and then help the product teams to execute the implementation.

This role will work with a team of engineers and analysts, supporting cyber security feature prototyping, threat analysis, penetration test and vulnerability assessment. Typical tasks would include:

- Proactively drive cyber security certification programs
- Proactively drive the implementation of medical device cyber security functionalities that are part of the overall security architecture.
- Assess security findings from various system validation activities. This includes Static Code Analysis and Penetration Test. Identify known/unknown vulnerabilities associated with C-RAD medical devices and provide inputs/technical expertise to multiple teams to eliminate/mitigate identified cyber security risks.
- Develop security tools that help to collect cyber threat intelligence, track emerging vulnerabilities in software, and enforce secure coding standards.
- Support medical device cyber security certification programs.
- Perform internal security tests to validate security capabilities and compliance for medical devices.

Desired skills and experience

- Bachelor's computer science, engineering, mathematics, information management or related field required.
- Good programming skills in e.g., C# and .NET
- Knowledge in modern software development process and DevOps tools such as Git.
- Experience in project management
- Prior experience working within the Healthcare Industry is preferred.
- Knowledge in cyber security standards such as NIST 800-53, ISO 27001, and FIPS 140-2.
- Awareness and strong interest in cyber security threat modelling/risk assessment methods.
- Proficient, concise, and articulate verbal and written communication skills to convey cyber security risks to a wide range of audiences including customers, business teams, and technical partners.
- Some experience or strong interest in IoT (Internet of Things) device development, especially in Windows platform security and encrypted protocols
- Working or academic experience in OS hardening, common security controls such as host-based firewall and intrusion detection system.
- Work effectively in a team environment.
- Fluent in Swedish or English is mandatory, other language skills are an advantage.

What we are offering for you

- Interesting position in an innovative, fast-growing company with a great team spirit
- A fun and constantly changing work environment with skilled colleagues and exciting projects with new technologies
- A dedicated team within a global organization
- Short decision-making processes supporting an efficient working environment
- Attractive possibilities for self-development and career progression
- Competitive compensation package

Next steps

If this position is of interest, please send us your application including a CV. Interviews are being held on a current basis, please send in your application as soon as possible.



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