Driving decarbonization and digitalization. Together.

Senior Specialist Cyber Security Operational Technology

Job description

Are you ready for an exciting and challenging role in the field of Operational Technology (OT) security? As a member of our team, you will work on implementing security concepts, contributing to security architectures for OT, and taking on a contributor role in global projects to improve cybersecurity in our manufacturing sites. You will work collaboratively with experts in production automation, IT, and cybersecurity to ensure security-by-design, and provide active support in the security lifecycle management of production systems and manufacturing equipment. If you're passionate about improving cybersecurity and looking for an opportunity to make a real impact, we encourage you to join our team. We are looking for individuals who have a Bachelor's or Master's degree in Computer Science, Information Technology, Cybersecurity or an equivalent course, at least 3 years of relevant working experience, and experience in Security Architectures and Security concepts for the IT / OT environment. Skills in programming/scripting languages and experience in project management are considered a plus. Join us and be a part of a dynamic, collaborative, and innovative team dedicated to improving cybersecurity in our manufacturing sites.

In your new role you will:

- Recommend and implement **advanced security concepts** in the field of **operational technology (OT)** security, such as back-up, network segmentation or hardening concepts.
- Evaluate and recommend **security solutions for OT**, and actively contribute to **security architectures for OT**.
- Work on global projects to **improve cyber security** in **manufacturing sites** in region APAC and in particular in Malaysia.
- Provide active **support** to equipment owners and equipment maintenance in the **security lifecycle management** of complex production systems and manufacturing equipment.
- Provide **support** to the manufacturing side in **vulnerability management and incident response**.
- Support the integration of advanced **cyber security tools** and techniques for **OT cyber security**.
- **Collaborate cross-functionally** and **cross-regionally** with experts in production automation, IT and cyber security to ensure security-by-design.

Profile

You are best equipped for this task if you have:

- Bachelor or Master Degree in Computer Science, Information Technology, Cyber Security or any equivalent course.
- At least 3 years of relevant professional experience.
- Experience in implementing cyber security concepts in IT / OT environments including Back-up, Malware Defense, hardening techniques for OT equipment (i. e. Linux and Windows operating systems) and IT / OT network architectures.
- Understanding of common cybersecurity frameworks for ICS/OT environments (e.g. ISA-99/IEC 62443, CIS, NIST SP 800-82, etc.) is a plus.
- Understanding of control systems design, implementation and / or maintenance of SCADA / ICS is a plus.
- Skills in programming/scripting languages (e.g. Python, Go) which allows to automate processes as example is considered as a plus.
- A positive attitude, strong analytic skills, excellent written and oral communication skills with ability to present technical proposals in a clear and concise manner, and the ability to work with diverse teams and world-wide peers collaboratively.
- Experience in project management is a plus.
- Self-motivated, driven to learn and pragmatic.
- Excellent English in both writing and speaking.

Benefits

- **Melaka:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Exempt working hours are flexible within core hours (9am-12pm & 2pm- 5.15pm); Home office options for certain tasks or due to personal circumstances. Applicable to exempt employees working on office hours only; Part-time work possible for exempt employees only; Exempt staff could apply up to 3-month sabbatical leave, subject to business situation; Medical coverage; In-house clinic operates 24 hours, doctor consultation possible from 9am to 5pm; Health promotion programs; Social Recreation Center with facilities, such as gym room, squash, badminton and netball court, zumba and yoga classes, etc.; On-site Cafeteria; Paid sick leave according to law; Additional 3% to Employee Provident Fund after 10 years service with Infineon Malacca; Re-employment opportunities; Productivity incentive bonus; Bus service for shift employees ; Allocated carpark for disabled and pregnant employees

Why Us

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

We are on a journey to create the best Infineon for everyone.
This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.
Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.