

# 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:

### At a glance

Location:	<b>Melaka (Malaysia), Penang (Malaysia)</b>
Job ID:	<b>HRC0633995</b>
Start date:	<b>as soon as possible</b>
Entry level:	<b>1-3 years</b>
Type:	<b>Full time / Part time</b>
Contract:	<b>Permanent</b>

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Job ID: **HRC0633995**

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- 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.

