

# DE0642 Threat Modelling, Risk Assessment & Vulnerability Analysis for Medical Devices



Are your medical devices truly secure against emerging cyber threats?



Do you know how to identify and mitigate vulnerabilities before they become patient safety risks?



Can you confidently perform risk assessments that meet regulatory and industry standards?



**Join our Training** and learn about Threat Modelling, Risk Assessment & Vulnerability Analysis for Medical Devices

## Agenda and Content

- ◆ Welcome, Introduction, Training Goals
- ◆ Cybersecurity Threat Landscape: Why It Matters for Medical Devices
- ◆ Regulatory Frameworks & Standards – an Overview
- ◆ Identifying Critical Assets
- ◆ Threat Modelling and Security Levels
- ◆ Cybersecurity Risk Assessment
- ◆ Vulnerability Analysis & Management
- ◆ Q&A and Wrap-Up

Medical devices are increasingly connected and increasingly targeted. This expert-led training equips professionals with the essential tools to identify cybersecurity threats, assess risks, and analyse vulnerabilities in line with global regulatory expectations.

You'll learn to think like an attacker to uncover weak points before they can be exploited - enhancing security, patient safety, and compliance from design to deployment.

## Who should attend?

This course is ideal for professionals involved in the design, development, regulation, and security of medical devices, including:

- ◆ Medical Device Engineers
- ◆ Regulatory Affairs & Compliance Specialists
- ◆ Cybersecurity Professionals
- ◆ Quality & Risk Managers
- ◆ Product Managers & System Architects
- ◆ Healthcare IT & Clinical Engineers
- ◆ Consultants & Auditors

Basic experience in cybersecurity and functional safety is beneficial but not required.

**Duration:** 1 day

**Language:** English or German in agreement with the participants.

The training material will be in English.

**Location:** Online

Customer specific on-site or online trainings are also possible – just get in touch!

**Certificate:** Each participant gets a confirmation of attendance listing the covered topics

For more information, please contact:

Kerstin Tietel

☎ +49 89 44118232

✉ kerstin.tietel@exida.com