Lorit Consultancy

CYBERSECURITY MEDICAL DEVICE INDUSTRIES

The course content relates to cybersecurity for medical devices in general, with references to international standards such as ISO 14971, AAMI TIR 57 and NIST. In addition to a comprehensive overview, we also provide detailed insights into the areas of analysis and methods. In this way, you learn how cybersecurity becomes an integral part of your projects and benefit from our industry knowledge and experience.

DURATION: 1 Day

LANGUAGE: English or German

COURSE CONTENT:

Module 1: Cybersecurity overview (Half day)
- Cybersecurity standards overview (AAMI, ISO, IEC und FDA)
- Risk analysis in cybersecurity with links to ISO 14971, AAMI TIR 57 and NIST
- Cybersecurity management and the ISO/IEC 27000 series
- Network products and the relation to the IEC IEC 81001-5-1 and other standards
- Standalone products
- The link to IEC 62304 and IEC 60601 activities
- Post-market cybersecurity and AAMI TIR 97

Modul 2: Cybersecurity analysis und methods (Half day)
- Threat taxonomy and analysis methods
- Cybersecurity processes to minimise threats
- Hardware/software cybersecurity vulnerabilities and mitigations
- Cybersecurity testing
- Postmarket activities and reaction times
- Risk acceptance

TARGET AUDIENCE:
Cybersecurity staff, engineers, project leaders, project managers, quality engineers, hardware/software developers

PREREQUISITES:
This course is suitable for delegates with no prior knowledge of cybersecurity or can be customised for a more experienced audience.

FURTHER INFORMATION:
The training takes place either online or live. The duration of the training is 8 hours (including a 30 minute lunch break and 2 shorter breaks). On request we grant a discount for group bookings.

Your partner for functional safety and regulatory compliance.

**TRAINER:
Alastair Walker**

We are happy to work with your organisation to develop **customised and cost effective training** that meets your requirements in terms of date, timing and content.

PLEASE CONTACT US FOR YOUR BOOKING OR ENQUIRY:
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