Lorit Consultancy

CYBERSECURITY AUTOMOTIVE INDUSTRIES

The course content relates to cybersecurity for the automotive industry in general, with references to IEC 62443, ISO/SAE 21434 and NIST, and includes system-level considerations, as well as supporting information such as risk classification.
You will learn how to make cybersecurity an integral part of your projects and benefit from our industry knowledge and experience.

DURATION: 1 Day

LANGUAGE: English or German

COURSE CONTENT:

- Team roles and process flow
- Secure Product Development Lifecycle according to IEC 62443
- Definition & terminology cybersecurity
- Cybersecurity management and roles
- Cybersecurity process according to ISO/SAE 21434, NIST and UN R155
- Threat analysis
- Attack vectors
- Hardware and software cybersecurity mitigations and vulnerabilities
- Development of secure systems
- Verification
- Fuzz and penetration testing
- Support during the entire product life cycle upgrades & post-production activities after an incident
- Generation of SBOMs and Software Composition Analysis

TARGET AUDIENCE:

Cybersecurity or functional safety staff, engineers, project leaders, project managers, hardware/software developers.
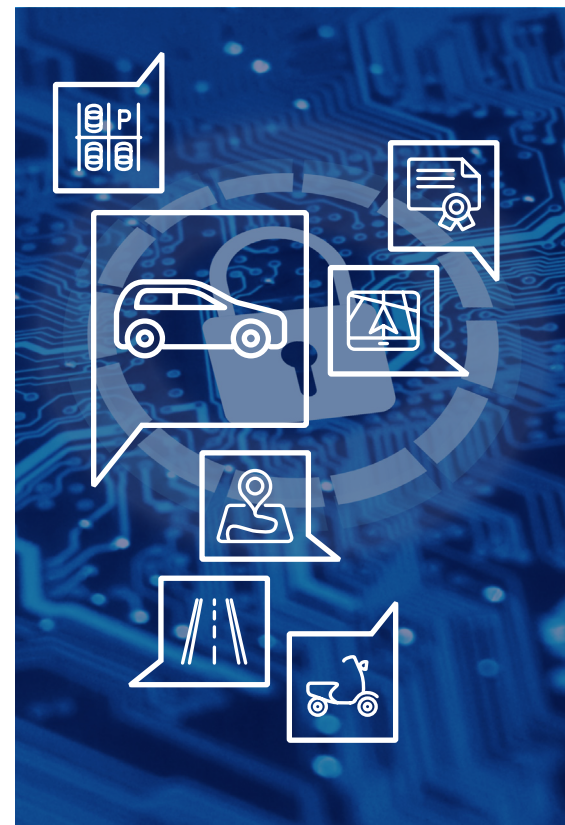
PREREQUISITES:

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.

We are happy to work with your organization to develop **customized 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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+44 7708 360023

Your partner for functional safety and regulatory compliance.

lorit-consultancy.com