

Automotive Cyber Security (DE0206)

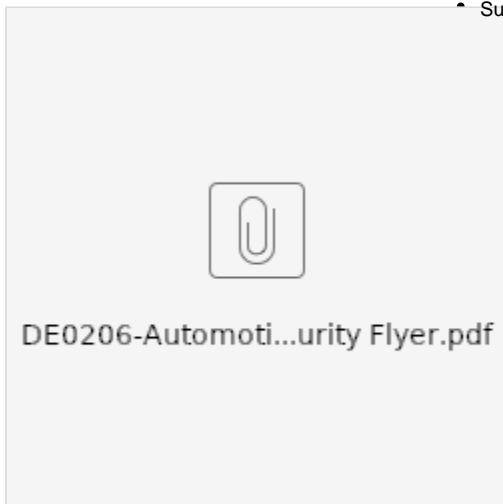
Who should attend

- Automotive Cybersecurity responsible persons
- Development Engineers (System, Hardware and Software)
- Product Managers
- Project Leaders of cybersecurity related development projects
- Process Managers
- Quality Managers

Duration: 1.5 Days

Language: German or English, training material will be in English.

Brochure



Course topics:

- Introduction to Automotive Cybersecurity
 - Current situation and status of standards and guidelines
 - Definitions and terms
 - Cybersecurity principles
 - Relationship between Safety and Security
- Management of Functional Safety
- Cybersecurity Lifecycles and process overview
- Cybersecurity analysis techniques
 - Asset Analysis
 - Threat Analysis and Risk Assessment
 - Goals
 - Introduction to best practice methods
 - Identification of Cybersecurity Goals
 - Vulnerability Analysis
- Cybersecurity Concepts and Requirements
- Product development incl. design and architecture, principles and practice, integration and testing on
 - System level
 - Hardware level
 - Software level
- Vulnerability and penetration testing
- Cybersecurity Assessment
- Supporting Processes
 - Change Management
 - Configuration Management
 - Documentation Management
 - Tool Management

Scheduled courses