

CERTIFIED AUTOMOTIVE CYBERSECURITY TECHNOLOGY SPECIALIST

5-day in-person training course – practical and skills-based

GOAL & ADDED VALUE

ACTS is a unique certification course on the German market that teaches practical and scientifically sound technological fundamentals of automotive cybersecurity. Participants gain the ability to systematically identify, assess, and effectively manage cyber risks in vehicle and mobility systems.

TARGET AUDIENCE

Security experts • Systems engineers • Cybersecurity analysts • IT and security experts • Research and development engineers • Specialists in automotive E/E, SDV, and safety-critical and cyber-physical systems • Employees from the OEM and supplier sectors, etc.

KEY TOPICS

Fundamentals of Automotive Cybersecurity • Cryptography • TARA • Hardware Security • Wireless Security (BLE/ NFC/PKES) • CAN/FLEX Security • Key Management Systems • Secure Software Updates • Defense in Depth • Standards and Regulatory Requirements: ISO/SAE 21434 and UNECE R155 / R156 • Supply Chain Security • TISAX® / CSMS / SUMS • Security Testing • Security Culture • Privacy • Vulnerability Management • Incident Response Management • Threat Intelligence • Connected Cars • Software-Defined Vehicles • Cloud & AI Security

LEARNING FORMATS

Interactive presentations • Case-based exercises • Discussion of current studies and attack scenarios

KEY DATA

Location: Stuttgart, Munich, Frankfurt, Mannheim, or by arrangement; in-house training also available

Level: Based on DQR Level 6

Language: English; German upon request

Workload: 40 hours of in-person instruction (+ exam preparation and exam, if applicable)

Instructors: Cybersecurity experts with many years of professional and teaching experience

Certification: Certificate of Attendance • optional: Training Certificate upon passing the exam

Cost: 4.790 € (incl. VAT; incl. exam & materials)

ORGANIZER

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COOPERATION PARTNER

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MORE INFO

