CACSP - Certified Automotive Cyber Security Professional

Delivery Partner

Contents

We qualify you or your employees to work in the field of cyber security in the automotive environment. We have developed a qualification program for this from SGS-TÜV Saar.

The complete personal qualification program consists of a one-day introductory course (CS1), which introduces the topic of cyber security in detail. The 2 most relevant standards (ISO/SAE 21434 and IEC 62443) are also introduced and security concepts are presented.

The 2nd and 3rd day of the course will focus on the cyber security standard including practical exercises for road vehicles, ISO/SAE 21434.

An exam at the end of the 3rd day confirms the overall knowledge and, if passed, includes recognition as a CACSP (Certified Automotive Cyber Security Professional).

MODULE CS1
Introduction
Cyber security
in the industry

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MODUL CS2
ISO/SAE 21434
Road Vehicles -
Cyber Security
Engineering

**SUCCESSFUL
EXAMINATION
TO CACSP**

Appointment
as **CACSP**
Certified Automotive
Cyber Security Profes-
sional (Automotive)

Completion

After successfully passing the exam, you will receive the CACSP certificate and the CASP logo in electronic form
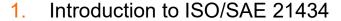for personal use.

Agenda – Day 1

1. Current Threat Landscape
2. Cybersecurity Principles
3. Attack Techniques
4. Countermeasures
5. Security Standards
6. Literature & References

Agenda – Day 2 & Day 3

1. Introduction to ISO/SAE 21434
2. Organizational Cybersecurity Management and the CSMS
3. Project Dependent Cybersecurity Management
4. Threat Analysis and Risk Assessment Methods
5. Security Development Lifecycle
6. Continual Cybersecurity Activities
7. Distributed Cybersecurity Activities
8. Post-development Processes
9. Excursion: Automotive SPICE for Cybersecurity
10. Excursion: ISO/SAE 21434 and UN/ECE-R 155
11. Exam

Completion

After successfully passing the exam, you will receive the CACSP certificate and the CASP logo in electronic form for personal use.