Fast Lane

Secure Coding in C and C++ for Automotive (SECC-CCPPA)

ID SECC-CCPPA **Price** on request **Duration** 4 days

Who should attend

- Automotive Sector
- C/C++ developers

Prerequisites

General C/C++ development

Course Objectives

- Getting familiar with essential cyber security concepts
- Learning about security specialties of the automotive sector
- Identify vulnerabilities and their consequences
- Learn the security best practices in C and C++
- Input validation approaches and principles
- Managing vulnerabilities in third party components
- Understanding security testing methodology and approaches
- Getting familiar with common security testing techniques and tools

Course Content

- Cyber security basics
- Buffer overflow
- Memory management hardening
- Common software security weaknesses
- Using vulnerable components
- Security testing
- Wrap up

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Training Centres worldwide

Fast Lane Institute for Knowledge Transfer (Switzerland) AG

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