



Automotive: Security Fast Track



- Decision Makers
- 300 EUR
- Online course

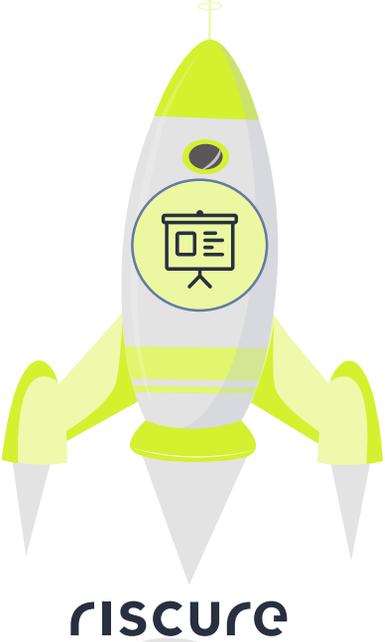
Adding security to a product is expensive. Some costs can be easily quantified (e.g., performance penalty in the product) while others (expertise and communication) are revealed in the process. Finding the optimum trade-off between the benefits of security features and their cost requires experience. You can speed up your learning process by reviewing the lessons learned from other industries such as payment and content protection. In a span of a few years, these industries have practically eliminated the threat of a professional hacking their products. In this course, we apply **lessons learned** from other industries to **fast track your automotive security**.

COURSE STRUCTURE

This course consists of three parts: an **instructor-led learning session**, time for completing **assignments and self-study**, and **Q&A session**. The learning session is recorded and can be watched **anytime** after the official broadcast date. We schedule a live Q&A session every month to discuss any questions you might have.



LEARNING SESSION CONTENT



- 01 INTRODUCTION.** We give an overview of automotive security events that shaped the industry. Next, we show how the industry is changing and compare it to other industries in order to highlight both similarities and unique challenges in automotive.
- 02 TERMINOLOGY.** We establish a baseline of security terminology, to effectively discuss the rest of sessions, and to introduce relevant concepts.
- 03 INDUSTRY SECURITY PRACTICES.** We look at the payment and content protection industry which have reached a mature security level. We analyze the evolution of the security practices in these markets.
- 04 SAFETY VS SECURITY TESTING.** Security testing is fundamental to safety. We compare and contrast the steps involved in safety and security testing, and highlight the differences in processes and goals. We discuss how to integrate security in automotive development processes.

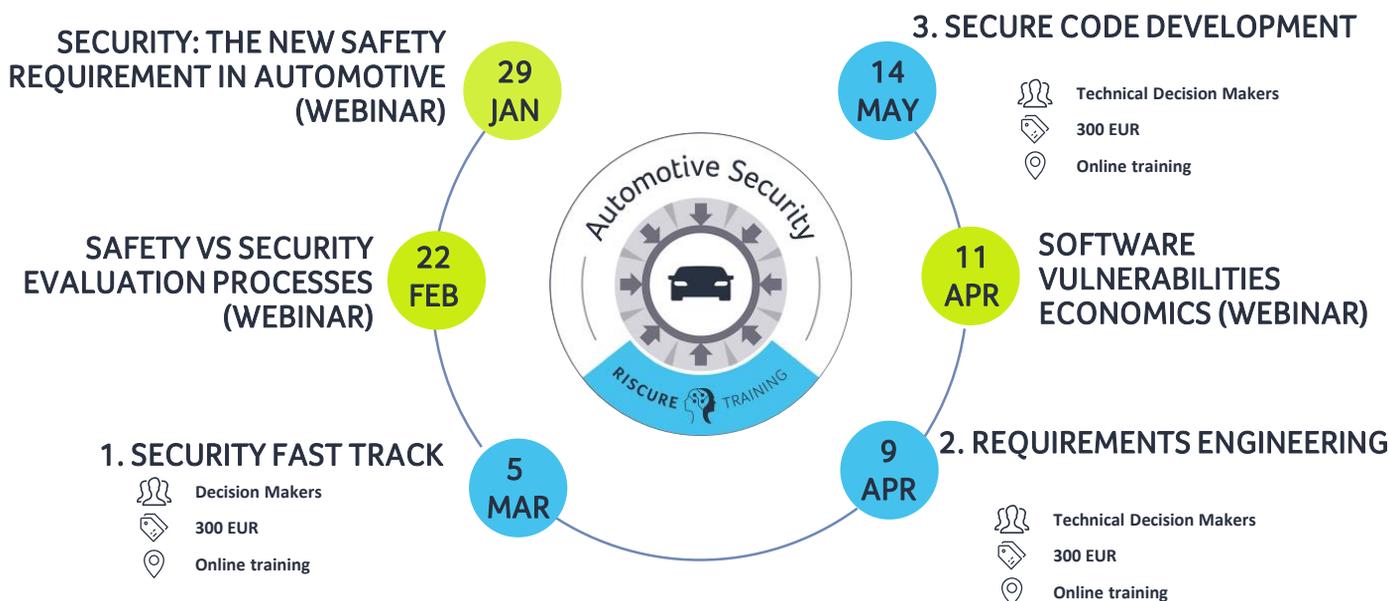
WHO IS THIS COURSE FOR?

If your job means you are responsible for at least two requirements from the following list, then you are a perfect candidate for this course:

- Interface with stakeholders to understand requirements, domains, and viable technologies.
- Advise the project team on key issues of functional safety in requirements engineering and management, especially during software design and architecture development activities.
- Create, maintain and refine all documents relating to security topics such as: security plans, security objectives and requirements, functional architecture, or requirements for hardware and software for automotive ECU development projects.
- Identify risks and quality issues, estimate effort, analyze requirements and establish priorities.
- Define architectural requirements and align them internally as well as with the customer.



WHAT NEXT?



Register here: <https://www.riscure.com/training/automotive-security-online-training/>

FEATURES

01 ONLINE

Delft is beautiful, but traveling here takes time and money. We are offering this training online, so you can access it anywhere, anytime.

03 COMPRESSED

We know you are busy so we don't beat around the bush and give you the information straight up.

05 INTERACTIVE

Watching an online course can test your patience. We break the content in pieces and add a healthy dose of interactive exercises.

02 ACTIONABLE

All lessons in this short course are immediately applicable on the job.

04 AFFORDABLE

For only 300 EUR you get access to 3 hours of video content, downloadable training materials, and the possibility to ask questions to our experts.