



We secure the
future today.

The 4 essential cybersecurity principles for the automotive industry

Securing the future: The 4 essential cybersecurity principles for the automotive industry

Your speakers



Dr. Frederic Stumpf

Head of Cybersecurity Solutions
ETAS GmbH

- MSc. & PhD in Computer Science with honors.
- Author or Co-author of >30 publications around Cybersecurity
- Joined ETAS in 2013
- Worked at Cybersecurity research institutes (TU Darmstadt, TU Munich, Fraunhofer) and automotive industry (Bosch & ETAS)



Dr. Jan Holle

Head of Offboard Security
ETAS GmbH

- Diploma in Computer Science and PhD in Electrical Engineering
- Passionate about Cybersecurity and in particular protecting mobility
- Joined ETAS in 2013
- Worked as a security researcher at the University of Siegen



Carina Böttcher

Head of Professional Security
Services
ETAS GmbH

- MSc. in IT-Security
- Joined ETAS in 2010
- With a strong background in technical sales, passionate about right-sized security solutions for the industry



The Automotive Cybersecurity Landscape



Adapting Development Processes for Enhanced Security



The 4 Cybersecurity Principles





Principle #1: Security by Design



Principle #2: Defense in Depth

An abstract graphic featuring a silhouette of a person looking at several overlapping screens. The screens display various data visualizations: a line graph with a prominent peak, a pie chart with multiple colored segments, and a bar chart. There are also binary code (0s and 1s) and a plus-minus symbol visible on the screens. The background is a gradient of purple and blue.

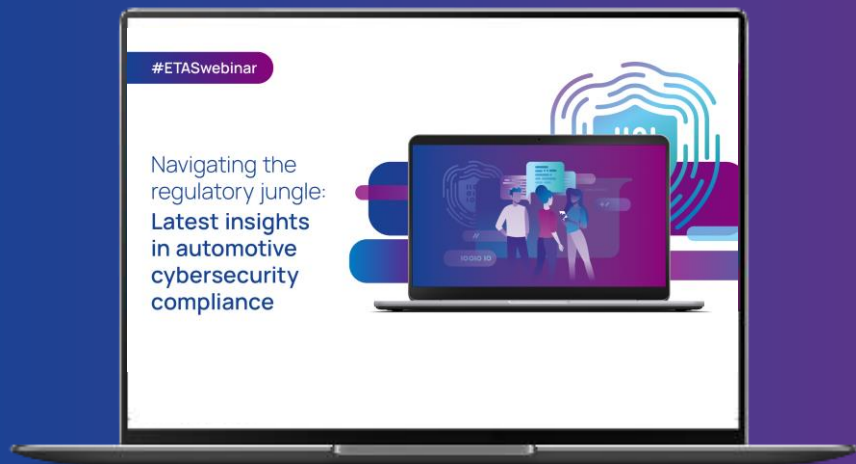
Principle #3: Risk management and Monitoring



Principle #4: Organizational Security Management

Q&A





Coming up webinars in this series:

Navigating the regulatory jungle: Latest insights in automotive cybersecurity compliance

[Register now:](#)

February 05th, 04-05 PM CET

February 06th, 10-11 AM CET



**We secure the
future today.**

Christian Schleiffer

Sales Director

[Contact](#)



Visit our website

www.etas.com/we-secure-the-future

Or follow us
on social media



Thank you!