

## BOSCH X ONEKEY

# Enhance Product Security with Effective Risk-based Vulnerability Management

The seamlessly integrated solution from ONEKEY and CycurRISK by ETAS reduces automated risk and prioritises vulnerabilities based on asset impact and context. It reuses existing Threat Analysis & Risk Assessment (TARA) for product cybersecurity while enhancing both risk and supply chain visibility.

## The Challenge

The global automotive industry needs to manage product cybersecurity in diverse, heterogeneous technology stacks, a rapidly growing number of smart products, and a vast array of associated potential vulnerabilities. A new approach is needed to address the increasing burden of manual detection, evaluation, classification, and risk assessment.

## The Solution

ONEKEY provides a scalable solution for automatically generated Software Bill of Materials (SBOM) from binary files. It also detects, assesses, and prioritises cybersecurity vulnerabilities based on SBOM components, significantly reducing manual time and effort. When integrated with ETAS CycurRISK, ONEKEY's solution provides organisations with a unified view of vulnerabilities, helping them focus on the most critical risks.

## The Outcome

The combined solution from ONEKEY and ETAS CycurRISK empowers third-party automotive OEMs to significantly reduce the product cybersecurity's time, cost, and effort by streamlining and automating risk assessments in a unified platform. This joint offering delivers effective, risk-based vulnerability management tailored for software-defined vehicles. ONEKEY's software automates real-time analysis and generates SBOMs directly from firmware binaries, while ETAS leverages its deep expertise in automotive cybersecurity through the CycurRISK product to identify and prioritise critical vulnerabilities in context.

## Project Highlight

Reduced time required for vulnerability assessment and prioritisation (trigage), increased productivity and software supply chain transparency.

# ONEKEY

ONEKEY achieves, improves, and maintains product cybersecurity & compliance throughout the complete product lifecycle

ONEKEY's solution increases software supply chain transparency, product cybersecurity, and compliance while cutting time, effort, costs and resources for related processes by automating software cybersecurity and compliance at scale.



**Headquarters**  
Düsseldorf, Germany

**Founded**  
2020

**No. Employees**  
11 – 50

**Website**  
[onekey.com](https://onekey.com)

## Acknowledgement

We would like to express our sincere thanks to Irina Kimmel (ETAS), Michael Lueke (ETAS), Moritz Minzlaff (ETAS), Wolfram Gottschlich (ETAS) and Jan Wendenburg (ONEKEY).

## About STARTUP AUTOBAHN powered by Plug and Play

STARTUP AUTOBAHN powered by Plug and Play is an open innovation platform that provides an interface between innovative tech companies and industry-leading corporations.

The basis of the program is the partnership that develops between startups and the corporate business units. The two entities hold an equal footing from the get-go: together they evaluate the potential for a joint venture, move forward to pilot the technology, and work to achieve the ultimate goal – a successful production-ready implementation.

Designed with the intention to exceed startup acceleration, STARTUP AUTOBAHN powered by Plug and Play moderates a community for collaboration with a focus on implementable results.

Over the years, the platform has successfully cultivated over 500 projects with more than 350 startups since its founding in 2016. ■

## Project Contact

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