



Bosch booth A51 | B52  
Hall 19 | 20



Sept 17 - 22, 2024

## ITK Engineering exhibition



### Consulting and engineering services to accelerate your path to SdV

With the shift from hardware to software-defined vehicles, software has become one of the primary differentiators for the industry. To navigate this significant transformation, manage the increasing complexity of software spanning from vehicle systems to cloud infrastructures, and tackle the surging integration efforts, a combination of hardware and software products, tailor-made solutions, and innovative development methodologies is essential. Our customized consulting and engineering services are designed to meet these demands and accelerate your transition to software-defined vehicles (SdV).



### Empowering hydrogen based zero-emission vehicles with safe H<sub>2</sub> tank systems and cutting-edge digital twin technology

Hydrogen is crucial for the transition to zero-emission vehicles, as it is an important complement to battery-powered electric vehicles, especially for commercial vehicles. Safe storing and controlled release of this highly flammable gas, as well as the refueling process, pose significant challenges. Our customized engineering services support you on the entire process, from design to implementation, creating a safe, optimized, and certified H<sub>2</sub> tank system for road use. Additionally, we employ cutting-edge digital twin technology to monitor and improve H<sub>2</sub> refilling stations, ensuring maximum safety and efficiency.



### Gate safety concept and consulting as a key element of yard automation

Evaluation and implementation of the gate safety concept focusing the blind-spot challenge. Approach to automated capturing and transferring safety and process-related information with the goal to increase safety and efficiency at loading gates in logistics yards. Experience our patented solution demo.

