

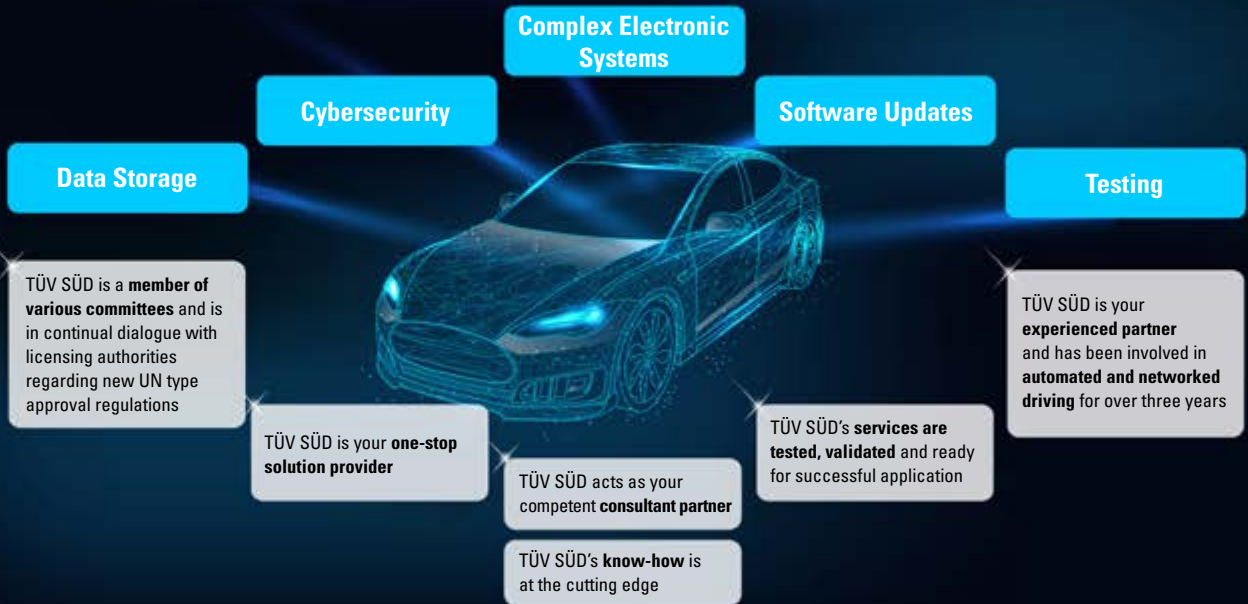
SAE Level 3: From Assisted Driving to Automated Driving

TÜV SÜD will take you
to the next level



**Add value.
Inspire trust.**

Automated Lane Keeping System (ALKS)



The new Automated Lane Keeping System (ALKS) regulation

For the first time, 42 countries have agreed uniform type approval requirements for automated driving functions (SAE-Level 3), with the adoption of an internationally valid regulation for automated lane keeping systems. This means that manufacturers now have a reliable UNECE (United Nations Economic Commission for Europe) regulation to guide them in the development of automated driving functions for all internationally important markets.

In addition to the ALKS regulation, the UNECE has also adopted regulations concerning cybersecurity and software updates.

How can we help you?

TÜV SÜD supports you in all matters concerning the new UNECE regulations. We offer you a wide range of specialised services designed to facilitate the rapid implementation of level 3 driving functionality in compliance with this regulations.

We offer the following ALKS system assessment services:

- Type approval
- Preliminary tests
- Vehicle tests
- Comprehensive dynamic tests

We also offer a range of specialist services relating to:

- Functional safety
- SOTIF (Safety Of The Intended Functionality)
- Virtual testing

- Physical testing
- Software updates
- Cybersecurity

Why choose TÜV SÜD?

TÜV SÜD supports you in all aspects of automated driving. As an independent service provider, we support vehicle manufacturers and suppliers globally through the entire approval process, and already during the early planning stages.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Through more than 25,000 employees across over 1,000 locations, it adds value to its customers, inspiring trust in a physical and digital world.

