



Choose certainty.  
Add value.

## Automotive functional safety

Demonstrate your  
conformance to ISO 26262

### Your challenges

The ISO 26262 standard was published to address the increasing complexity of safety-relevant electrical and electronic (E/E) systems. However, its requirements are challenging to interpret and implement. Automotive original equipment manufacturers (OEMs) and suppliers need to address this challenge quickly or risk losing their competitive advantage.

### What is ISO 26262?

ISO 26262 is the international standard that governs functional safety in the automotive industry. The standard applies to E/E systems and the related hardware and software components installed in road vehicles. It is also applicable to the development software tools primarily used in this sector.

### Why is ISO 26262 important for your business?

The standard is now recognised as the state-of-the-art functional safety requirement. Compliance to ISO 26262 is essential for the overall safety of the vehicle. The standard helps minimise the risks of product liability and ensures OEMs and suppliers remain competitive and profitable.

### How can we help you?

TÜV SÜD has a global network of automotive functional safety experts who are ready to support your business with in-depth knowledge of ISO 26262 and extensive industry experience. We can provide a comprehensive range of functional safety assessment, testing, certification and training services throughout the automotive value chain.



## Our ISO 26262 services

TÜV SÜD's comprehensive range of services includes:

### ■ Knowledge services

Our experts work closely with your team to meet the requirements of ISO 26262 in the development process. This includes performing analyses of existing systems and processes, defining suitable safety development processes, and developing design of system concepts. We can also provide guidance on conversion from IEC 61508 to ISO 26262.

### ■ Testing and assessments

TÜV SÜD provides testing based on your development documentation and on-site assessments. The result is a technical report that evaluates your systems, hardware, software and tools.

### ■ Certification

We are accredited to perform IEC 61508 and ISO 26262 certification for development tools, development processes and safety-relevant products or systems.

### ■ Training

We provide a complete range of programmes for your development teams. Customised in-house training can be arranged to meet specific company requirements. We also offer the Functional Safety Certified Programme (FSCP) to train and certify engineers as qualified functional safety experts.

## Your business benefits

- **Save time and money** – with experts who facilitate the smooth compliance of your development

process, removing the threat of costly and time-consuming rework.

- **Minimise risks** – of product liability claims and non-acceptance of your products by the market.
- **Maintain a competitive edge** – by leading the market in meeting the requirements of the ISO 26262 standard.
- **Enhance credibility** – as a premium company with a strong commitment to safety and quality.

## The TÜV SÜD certification mark



The ISO 26262 certification mark is proof of conformity to the standard.

It establishes a clear competitive advantage by enabling customers to quickly identify that your product has

been evaluated by one of the most recognised names in automotive safety.

## Why choose TÜV SÜD?

TÜV SÜD is one of the world's leading experts on functional safety. Our functional safety team was established more than 30 years ago and has accumulated a strong track record. We participated in the establishment of the ISO 26262 standard and are an internationally accredited ISO 26262 testing body. Today, we service OEMs and automotive suppliers globally, and are recognised worldwide as a trusted and independent partner to the automotive industry.

## Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

## Related services

TÜV SÜD provides the following related services:

- Functional Safety Certified Programme (FSCP)
- International homologation and type approval
- International quality assurance
- ISO/TS 16949 – Automotive certification scheme
- Vehicle and component testing