Achieve automotive excellence
End-to-end solutions that optimise innovation, quality and safety.
Manufacturers and suppliers in the automotive sector face several challenges. To ensure the development of high-quality vehicles, they must continuously improve existing technologies while investing in new innovations to make mobility safer and more physically efficient. However, they must do so while keeping costs low to ensure profitability and competitiveness. The automotive supply chain networks have become increasingly complex and this intensifies the need for tighter quality control. In order to be a global leader, your business must respond quickly to the demands of new markets, technologies and regulations. That's where TÜV SÜD can help. We provide original equipment manufacturers (OEMs) with a complete range of services and automotive expertise that ensure the highest standard of safety and quality. At the same time, we support automotive suppliers with services to meet the stringent requirements of their customers.

TÜV SÜD’s global network of automotive experts works with you at each stage of the value chain. Our service portfolio covers all aspects of safety and quality in accordance to national and international standards and regulations. Wherever you operate, we have international industry experts placed locally, ready to support you in achieving a global competitive advantage.

Setting the standards for innovation, quality and safety

The automotive industry is extremely competitive. To ensure success, manufacturers and suppliers must demonstrate exemplary safety standards, sustainable quality and operational excellence. As automotive safety specialists, TÜV SÜD has the expertise to help you do just that. Our testing, certification and knowledge services optimise quality and safety in accordance to national and international standards and regulations. Wherever you operate, we have international industry experts placed locally, ready to support you in achieving a global competitive advantage.

Accelerate your growth in global markets

Partner with us to develop competitive advantages through innovation and quality

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To succeed in the automotive market, OEMs and suppliers must deliver safe, high-quality and competitively priced products.
CONCEPTUALISATION
Balancing the challenges of developing safe, high-quality and innovative vehicle concepts
Lack of functional safety expertise

DESIGN AND DEVELOPMENT
Ensuring all aspects of safety and quality are addressed early in the development process to avoid costly rework
Ensuring design and process meets national and international standards
Preparing documentation for homologation

PROTOTYPING
Ensuring the quality of all distributed products meets specifications
Minimising failure rates
Optimising manufacturing processes for efficiency
Managing global supply chain network

PRODUCTION
Homologation/type approval to European and non-European regulations and standards
Testing of components, systems and whole vehicles (conventional and alternative energy vehicles) according to international and/or OEM standards
Conformity of Production (COP)
Functional safety testing and certification according to ISO 26262
Process management (Automotive SPICE®)
International compliance management

DISTRIBUTION
Car dealership and retailer audits
ISO/TS 16949
ISO 9001
ISO 14001
OHSAS 18001

TESTING AND PRODUCT CERTIFICATION
Initial production inspection
Integrated quality assurance (supplier management, quality conformity of products, factory quality audits, pre-shipment inspection)
ISO/TS 16949
ISO 9001
ISO 14001
OHSAS 18001

AUDITING AND SYSTEM CERTIFICATION
Knowledge Services
Support for design, safety and technology for conventional and alternative energy vehicles
Homologation support services

TRAINING
ISO 26262 Functional safety training
Functional safety certified programme (expert certification)
Electrical safety training

Servicing your entire value chain
Our experts possess a comprehensive understanding of the automotive industry, markets and international regulatory requirements. Partnering with us ensures compliance to the highest quality standards. We apply our in-depth knowledge across your entire value chain to ensure your smooth and efficient access to key markets worldwide.
World-class automotive expertise
TÜV SÜD has an established track record in the automotive industry. Our network of international experts works with the world’s top automotive OEMs and suppliers. Powered by German automotive expertise and local market knowledge, we partner with you early in the design and development process to provide you with the insights required to become a global leader.

Risk management
Our experts ensure your risks are assessed at each stage of the value chain to mitigate overall risks of product failures and liabilities. We act as a quality gate between OEMs and global suppliers to ascertain all components consistently meet specifications. This avoids potential product recalls and damage to your brand’s reputation.

Independent and impartial
TÜV SÜD maintains a strict commitment to safety and is audited regularly. Customers and governments worldwide place trust in us as an independent and impartial third-party technical service provider. In an industry where safety is of paramount importance, a partnership with TÜV SÜD enhances your reputation as a premium quality player in the market.

Value-added services
We adopt a holistic approach to the vehicle lifecycle and provide services like integrated quality assurance and international compliance management. This streamlines and benefits your entire value chain process while helping you save costs.

Why choose us?

Global support for all your operative needs – We bring our global expertise to your doorstep with an interconnected network of local experts and accredited labs that provide services in each of the markets that you and your suppliers operate in.

Sustainable competitive advantage – Leverage TÜV SÜD’s industry expertise to develop competitive advantages based on quality and innovation.

Smooth market access – International standards and requirements are difficult to interpret. Our knowledge of the different standards and markets will equip you with the requirements for exporting to multiple countries.

Save time and money – Our expertise and range of value-added services help to reduce your development costs, product failure rates and lead-time to global markets.

Over 800 locations in 40 countries globally
TÜV SÜD’s global automotive operations

Global HEADQUARTERS:
MUNICH, GERMANY
Contact us to find out how we can optimise your entire value chain

www.tuv-sud.com/automotive
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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.

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