

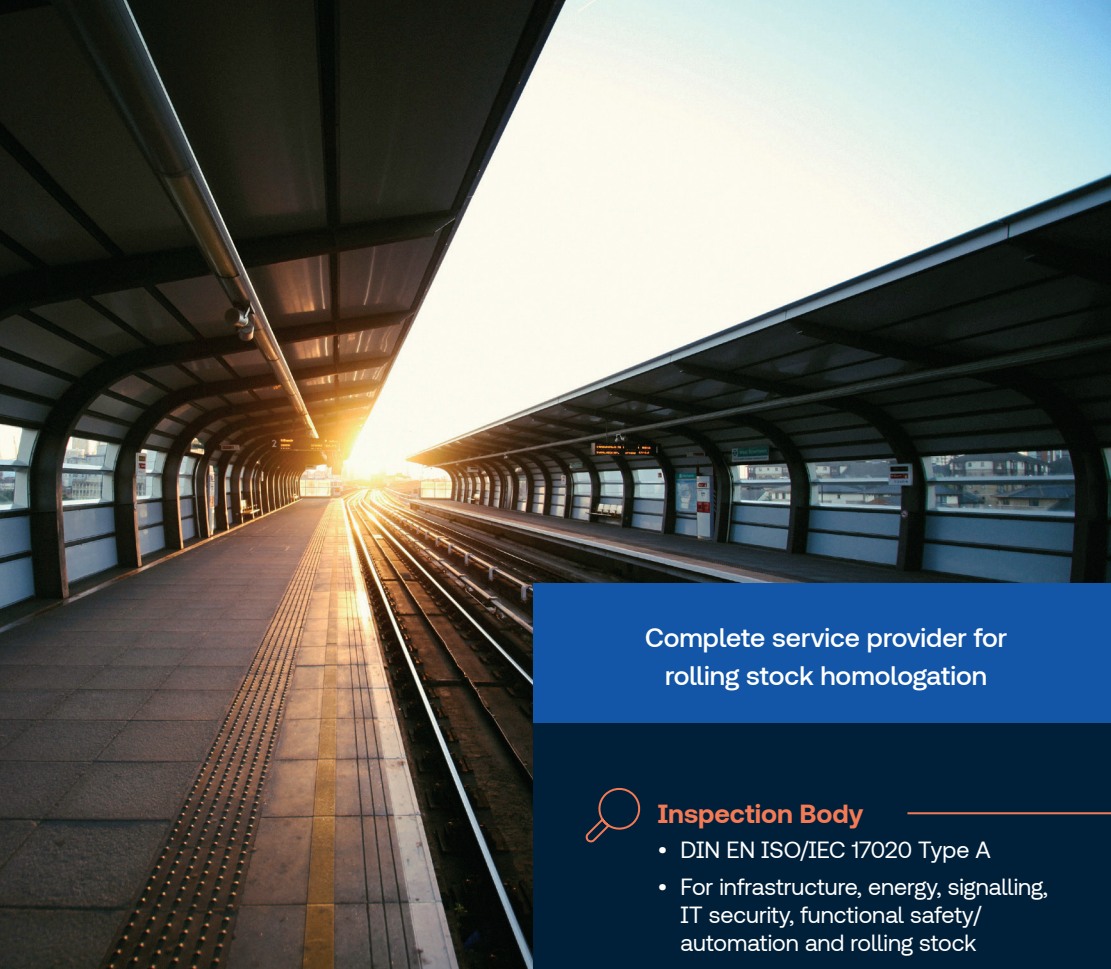


Your partner for testing and certification of railway systems and components

Enabling safety and security in an
increasingly digitalised transport

**Add value.
Inspire trust.**

tuvsud.com



Our expertise



Infrastructure

- Signalling systems
- Track & components
- Power supply
- Fire protection
- Emergency and rescue concepts



Complete Railway Systems

- Turnkey projects
- Upgrades and extensions
- Operation and maintenance



Rolling Stock

- Locomotives, EMUs, DMUs, coaches, metro, tram...
- Components and systems
- On-track & crash tests



Rail Automation

- Hardware & software
- AI applications
- IT security

Complete service provider for rolling stock homologation

Conformity assessment
EN ISO/IEC 17020

+ Testing services
EN ISO/IEC 17025

= Certification
EN ISO/IEC 17065

Our Vision

To be the trusted partner of choice for safety, security and sustainability solutions in the railway market.

Our Mission

Enabling manufacturers, operators and authorities to ensure safe, secure as well as reliable and efficient railway – based on in-depth technical understanding.



Inspection Body

- DIN EN ISO/IEC 17020 Type A
- For infrastructure, energy, signalling, IT security, functional safety/ automation and rolling stock
- In Europe, Korea and China



Testing Body

- DIN EN ISO/IEC 17025
- UIC 541-00 and 541-05 for wheel slide protection tests and to supervise in-service tests
- CAN/CSG 43.147-2005, CSA B625-08 for container tests
- Machinery Directive Annex 4 for safety components
- ISO/IEC 17025 for CNAS fire lab



Certification Body

- DIN EN ISO/IEC 17065
- For ECM certification for rolling stock



Notified Body

- EU Interoperability Directive 2016/797
- Associated partner of EBC



Designated Body

- DeBo in Germany, Norway, Switzerland, Denmark, Netherlands, Luxembourg, Italy, Poland



Assessment Body

- EU CSM Regulation 402/2013
- AsBo in EU and Switzerland



- EBA approved experts, including ECM
- BOStrab
- OIF (Italy)





Contact us to find out how
we can support you across
the entire project lifecycle

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