Detecting faults, managing faults, preventing faults: the more complex and demanding systems become, the greater our joint responsibility. Reliably implementing functional safety protects life and limb and ensures success.

The ISO 26262/ISO 25119 (EN 16590)/ISO 13849, etc. standards help the manufacturers of safety-relevant, technical products in the mobility sector to achieve the required development according to the product liability law in line with the current state of science and technology.

TÜV NORD has actively helped shape standards by working with the standardisation bodies. Benefit from the experience of our employees by allowing us to incorporate our knowledge into your project.

- Safety analyses
- Optimisation of the functional safety management
- Workshops on functional safety
- Evaluation / assessment of concepts, organisations, processes and products
Not only the devil is in the detail – opportunities are, too. We can achieve great things together with this precise point of view.

At your side

- Set-up, development and improvement of the organisation of functional safety and strategy within a company and in all phases and work products in the entire safety life cycle (system, hardware and software level)
- Safety analyses: Hazard analysis and risk assessment, FMEA, Single-Point Fault Metric (SPFM), Latent Fault Metric (LFM), etc.
- Optimisation of the functional safety management as well as the associated engineer activities regarding costs, efficiency, time and allocated safety level (ASIL, AgPL)

Customised workshops

- In-house training of individuals or groups

Assessment and certification

- Objective and independent assessment of organisation, processes and products with regard to functional safety in accordance with ISO 26262 and ISO 25119 (EN 16690), ISO 13849, IEC 61508 (gap analysis, functional safety assessment, confirmation reviews, audits)
- Concept evaluation

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