



With more advanced electronics systems being installed in cars and more cars on the roads than ever, **ISO 26262** certification is more crucial to the auto industry than ever!

## **ISO 26262: ENSURING SAFE VEHICLE ELECTRONICS SYSTEMS**

With cars featuring so prominently in today's transportation landscape, it's no surprise that the automotive industry is among the most rigorous when it comes to assurance of safety and quality.

ISO 26262, titled "Road Vehicles - Functional Safety," was first published in November 2011 and focuses on the development and testing of electrical and electronic systems relating to motor vehicle safety systems. Now on its second revision as of 2018, the standard focuses on passenger vehicles that transport fewer than nine people and weigh less than 3.5 tons. This is an international standard used by the United States, Belgium, Canada, France, Germany, Italy, Japan, Sweden, and the United Kingdom and is relevant worldwide. In some cases, automobiles can only be put on the market if their safety systems have been tested according to the guidelines laid out in ISO 26262.

PJR can issue a certificate of conformity to ISO 26262. In addition to hardware and software requirements, the standard includes management system requirements that overlap with ISO 9001-based standards, including IATF 16949.

### ***What is ASIL - why is it important?***

ASIL, or Automotive Safety Integrity Level, is a main aspect of ISO 26262 used to measure the risk of a specific system component. More complex systems have a higher risk of failures and random hardware failures. ASIL values are labeled from least risk to greatest risk as A-D.



## **PJR ADVANTAGES**

As a leader in the certification industry, PJR is focused on our clients' satisfaction and success! Our experienced auditors and dedicated schedulers give each client the individual one-on-one attention they deserve with detailed audit plans, flexible scheduling, and value-added auditing.

*Request a **FREE** quote today and see what a difference PJR can make!*

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