

DATASHEET

Simplify ISO 26262 Compliance With Perforce

Everyone developing automotive software — from OEMs to suppliers — needs to comply with ISO 26262. This can be a time-consuming and difficult process. Using software development tools from Perforce enables you to accelerate ISO 26262 compliance.



How Perforce Tools Help in ISO 26262 Compliance

ISO 26262 PART	 HelixQAC	 HelixALM	 HelixCore
Part 1: Vocabulary	●	●	●
Part 2: Management of Functional Safety	●	●	●
Parts 3-7: Safety Lifecycle Processes	●	●	●
Part 8: Supporting Processes	●	●	●
Part 9: ASIL-Oriented and Safety-Oriented Analysis	●	●	●
Part 10: Guideline on ISO 26262	●	●	●

Make ISO 26262 Compliance Easier With Perforce

Let's discuss your ISO 26262 compliance needs.

CONTACT US

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 **HelixQAC****Static Code Analysis for C/C++****FULFILL SOFTWARE DEVELOPMENT AND DESIGN REQUIREMENTS FASTER**

Helix QAC makes it easier to fulfill ISO 26262 requirements for software development and design.

ISO 26262 recommends the use of a coding standard, such as MISRA. By using Helix QAC, you can automatically apply MISRA and other C/C++ coding standards (as well as your custom coding rules).

ISO 26262 Part 6 includes compliance tables with recommendations based on ASIL. Helix QAC can help you fulfill recommendations from Tables 1, 3, 8, and 9. This allows you to achieve compliance faster and ensure safe, secure, and reliable code.

[Explore Helix QAC >>](https://perforce.com/products/helix-qac) perforce.com/products/helix-qac

 **HelixALM****Application Lifecycle Management****CREATE END-TO-END TRACEABILITY FOR SPICE AND ASIL**

Helix ALM helps you accelerate ISO 26262 compliance by automating key aspects of the process.

ISO 26262 requires consistency, transparency, and traceability of requirements and processes. Helix ALM does this for you. It generates a traceability matrix, which gives you clear documentation of artifacts and processes throughout the development lifecycle.

You can also use Helix ALM to identify and mitigate risk. And you can use it for visibility into quality assurance activities. This allows you to achieve compliance more easily while adopting more effective, mature development methods.

[Explore Helix ALM >>](https://perforce.com/products/helix-alm) perforce.com/products/helix-alm

 **HelixCore****Version Control****MANAGE DIGITAL ASSETS WITH ACCESS CONTROLS AND AUDIT LOGS**

Helix Core helps you fulfill ISO 26262 requirements by providing secure access controls for digital assets. This includes electronic designs and source code.

In Helix Core, user access can be granted based on username, network address range, or specific IP address. Access can be granted to folders and even to individual files, for additional security.

Helix Core also provides a permanent record of revisions made to each file manage. And you can use it to generate reports for compliance audits. This allows you to prove compliance more easily, so you can innovate faster.

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