Automate SAE J3061 Compliance

LDRA brings you a comprehensive and automated range of products to help achieve compliance with SAE J3061. Ranging from a standalone rules checker to aid adherence to security related coding standards to a comprehensive tool suite seamlessly integrating ISO 26262 and SAE J3061 objectives, LDRA offerings make a daunting prospect much more manageable.

Key Details

- Check adherence to security-related coding standards including CWE, CERT C, MISRA C:2012 Amendment 1
- Generation of clear, detailed artefacts demonstrating compliance with such as coding standards, code coverage, and unit testing
- Bi-directional traceability of code, tests and artefacts to requirements and objectives
- Integrates compliance into environments that require safety-standards certification evidence
- Easy tool qualification with TÜV certification

Benefits

- Comprehensive standards compliance traceability within the verification suite
- Full support for security-related coding standards within the verification suite of a stand-alone product
- Software life cycle support from requirements, through coding and analysis, to verification
- Automatic documentation and management of all certification assets
- Configurable for compiler-dependent features and host/target testing
The LDRA tool suite® is the only solution that lets developers integrate the SAE J3061 and ISO 26262 standards into the same software development process, with full coding standards compliance from requirements traceability through coding, analysis, testing, and, verification to certification.

LDARules® is a point solution for those seeking to automate only coding standards checking as a contribution to SAE J3061 and ISO 26262 compliance. It is a cost-effective option that is easily configurable for MISRA, CERT and CWE standards or for any user-defined combination of in-house programming templates and industry-standard rules.

LDRA Leads Industry in Quality and Standards Compliance

Proven Functional Safety and Security Standards Conformance

LDRA have supported the successful development of projects conforming with functional standards including IEC 61508, ISO 26262, DO-178B/C, and IEC 62304, up to and including the most demanding Integrity Levels and Classes in each case.

Proven Coding Standards Conformance


Key Members

LDRA’s long-standing leadership in developing and supporting safety- and security-critical industry standards includes three members of the MISRA C Working Group and MISRA C++ Working Group, as well as chairmanship of the MISRA C++ Working Group.

Top Automotive Manufacturers Rely on LDRA

LDRA’s products and services are widely used by companies whose names are synonymous with embedded automotive systems including Autoliv, Automotive Lighting, Denso, FCA, STMicroelectronics.

For more information or to arrange a demonstration

Website: www.ldra.com
Email: info@ldra.com