

# ISO/IEC 25030:2007 SQuaRE -- Quality requirements

[return to the ISO Standards](#)

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| Title |
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Software engineering – Software product Quality Requirements and Evaluation (SQuaRE) – Quality requirements |

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| Acronym         |                                                                                               |
| Version         | 2007                                                                                          |
| Document Number | 25030:2007                                                                                    |
| Release Date    | 2007-06                                                                                       |
| Reference       | <a href="https://www.iso.org/standard/35755.html">https://www.iso.org/standard/35755.html</a> |

**Note:** The following is an excerpt from the official ISO catalog. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

## Summary

*ISO/IEC 25030:2007 provides requirements and recommendations for the specification of software quality requirements. It applies to both acquirers and suppliers. It focuses on software quality requirements, but takes a system perspective since software is normally developed and applied as part of a larger system.*

*Software product quality requirements are needed for:*

- *specification (including contractual agreement and call for tender);*
- *planning (including feasibility analysis);*
- *development (including early identification of potential quality problems during development); and*
- *evaluation (including objective assessment and certification of software product quality).*

*If software quality requirements are not stated clearly, they may be viewed, interpreted, implemented and evaluated differently by different people. This may result in: software which is inconsistent with user expectations and of poor quality; users, clients and developers who are unsatisfied; and time and cost overruns to rework software.*

*ISO/IEC 25030:2007 helps to improve the quality of software quality requirements. It does this by*

*providing requirements and recommendations for quality requirements, and guidance for the processes used to define and analyse quality requirements. It applies the quality model defined in ISO/IEC 9126-1 [ISO/IEC 25010] and it complies with the requirement processes defined in ISO/IEC 15288.*

*ISO/IEC 25030 is part of the SQuaRE series of International Standards.*

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