AS/NZS ISO/IEC 15026.3:2013
ISO/IEC 15026-3:2011

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Australian/New Zealand Standard™

Systems and software engineering—Systems and software assurance

Part 3: System integrity levels

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee IT-015, Software and Systems Engineering. It was approved on behalf of the Council of Standards Australia on 6 May 2013 and on behalf of the Council of Standards New Zealand on 29 April 2013.
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This Standard was issued in draft form for comment as DR AS/NZS ISO/IEC 15026.3.

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Part 3: System integrity levels

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-015, Software and Systems Engineering, to supersede AS/NZS 15026:1999, *Information technology—System and software integrity levels.*

The objective of this Standard is to specify the concept of integrity levels with corresponding integrity level requirements that are required to be met in order to show achievement of the integrity level. It places requirements on and recommends methods for defining and using integrity levels and their integrity level requirements. It covers systems, software products, and their elements, as well as relevant external dependences.

This Standard is identical with, and has been reproduced from ISO/IEC 15026-3:2011, *Systems and software engineering—Systems and software assurance*—Part 3*: System integrity levels.*

As this Standard is reproduced from an International Standard, the following applies:

(a) In the source text ‘this part of ISO/IEC 15026’ should read ‘this Australian/New Zealand Standard’.

(b) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
ISO/IEC TR 15026	Systems and software engineering—Systems and software assurance	SA/SNZ TR 15026	Systems and software engineering—Systems and software assurance
15026-1	Part 1: Concepts and vocabulary	15026.1	Part 1: Concepts and vocabulary

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annex to which they apply. A ‘normative’ annex is an integral part of a Standard, whereas an ‘informative’ annex is only for information and guidance.

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This part of ISO/IEC 15026 specifies the concept of integrity levels with corresponding integrity level requirements that are required to be met in order to show the achievement of the integrity level. It places requirements on and recommends methods for defining and using integrity levels and their integrity level requirements. It covers systems, software products, and their elements, as well as relevant external dependences.

This part of ISO/IEC 15026 is applicable to systems and software and is intended for use by:

a) definers of integrity levels such as industry and professional organizations, standards organizations, and government agencies;

b) users of integrity levels such as developers and maintainers, suppliers and acquirers, users, and assessors of systems or software and for the administrative and technical support of systems and/or software products.

One important use of integrity levels is by suppliers and acquirers in agreements; for example, to aid in assuring safety, economic, or security characteristics of a delivered system or product.

This part of ISO/IEC 15026 does not prescribe a specific set of integrity levels or their integrity level requirements. In addition, it does not prescribe the way in which integrity level use is integrated with the overall system or software engineering life cycle processes. It does, however, provide an example of use of this part of ISO/IEC 15026 in Annex B.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC TR 15026-1 *Systems and software engineering — Systems and software assurance — Concepts and vocabulary*