

Australian Standard™

Dependability management

**Part 2: Guidance for dependability
programme management**

This Australian Standard was prepared by Committee QR-005, Dependability. It was approved on behalf of the Council of Standards Australia on 8 April 2005. This Standard was published on 5 May 2005.

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Australian Organisation for Quality
Department of Defence (Australia)
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Part 2: Guidance for dependability programme management

Originated as part of AS 3930—1992 and AS 3960—1990.
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PREFACE

This Standard was prepared by Standards Australia Committee QR-005, Dependability.

This Standard is identical with, and has been reproduced from IEC 60300-2, Ed.2.0 (2004), *Dependability management—Part 2: Guidelines for dependability management*. It supersedes AS 3930—1992, *Reliability and maintainability – Introductory guide* and AS 3960—1990, *Guide to reliability and maintainability program management*.

‘Dependability’ is a collective term for performance characteristics (reliability, availability, maintainability) of simple or complex products and systems. The AS IEC 60300 series of dependability management system Standards provide general guidelines for establishing a dependability management system to meet most organizational or project needs, supported by a ‘tool kit’ of non-prescriptive guidance Standards on a range of dependability applications and methods.

The objective of this Standard is to provide guidelines on managing dependability programmes. This Standard discusses planning and implementation of a dependability programme to meet specific product requirements for reliability, maintainability and life cycle cost. It identifies the process steps and essential features of dependability management, and links them to processes and methods relevant to a wide range of products. It supports Part 1 of the dependability management system Standard, AS IEC 60300.1, and is compatible with AS/NZS ISO 9001.

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- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text ‘this part of IEC 60300’ should read ‘this Australian Standard’.

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

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
IEC		AS IEC	
60300	Dependability management	60300	Dependability management
60300-1	Part 1: Dependability management systems	60300-1	Part 1: Dependability management systems
60300-3-1	Part 3-1: Application guide—Analysis techniques for dependability—Guide on methodology	60300.3.1	Part 3.1: Application guide—Analysis techniques for dependability—Guide on methodology
61014	Programmes for reliability growth	61014	Programmes for reliability growth
ISO/IEC		AS/NZS	
15026	Information technology—System and software integrity levels	15026	Information technology—System and software integrity levels

Only international references identical to Australian or Australian/New Zealand Standards have been listed.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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