

Australian/New Zealand Standard™

**Information technology—  
Software product evaluation**

**Part 2: Planning and management**

## AS/NZS 14598.2:2000

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee IT-015, Software Engineering. It was approved on behalf of the Council of Standards Australia on 5 November 2000 and on behalf of the Council of Standards New Zealand on 27 October 2000. It was published on 15 December 2000.

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# Australian/New Zealand Standard™

## Information technology— Software product evaluation

### Part 2: Planning and management

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-015, Software Engineering. This Standard is identical with and has been reproduced from ISO/IEC 14598-2:2000, *Information technology—Software product evaluation, Part 2: Planning and management*.

The objective of this Standard is to give developers, acquirers and evaluators of software product requirements, recommendations and guidelines for a supporting function within an organisation which is responsible for the management of software product evaluation and for technologies necessary for software product evaluation

This Standard is Part 2 of AS/NZS 14598, *Information technology—Software product evaluation*, which is published in parts as follows:

- Part 1: General overview
- Part 2: Planning and management (this Standard)
- Part 3: Process for developers
- Part 4: Process for acquirers
- Part 5: Process for evaluators
- Part 6: Documentation of evaluation modules

The term ‘normative’ has been used in this Standard to define the application of the annex to which it applies. A ‘normative’ annex is an integral part of a Standard.

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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.
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- (c) A full point should be substituted for a comma when referring to a decimal marker.

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

| <i>Reference to International Standard</i> |   | <i>Australian or Australian/New Zealand Standard</i> |   |
|--|---|--|---|
| ISO  |   | AS/NZS   |   |
| 8402                                       | Quality management and quality assurance—Vocabulary   | ISO 8402   | Quality management and quality assurance—Vocabulary   |
| ISO/IEC                                    |   |  |   |
| 9126                                       | Information technology—Software product evaluation—Quality characteristics and guidelines for their use | 4216   | Information technology—Software product evaluation—Quality characteristics and guidelines for their use |
| 9126                                       | Information technology—Software product quality   | —  |   |
| 9126-1                                     | Part 1: Quality Model   | —  |   |
| 9126-2                                     | Part 2: External metrics  | —  |   |
| 9126-3                                     | Part 3: Internal metrics  | —  |   |

*Reference to International Standard*

## ISO/IEC

|         |  |
|---------|--|
| 14598   | Information technology—Software product evaluation |
| 14598-1 | Part 1: General overview                           |
| 14598-5 | Part 5: Process for evaluators                     |
| 14598   | Software engineering—Product evaluation            |
| 14598-6 | Part 6: Documentation of evaluation modules        |

*Australian or Australian/New Zealand Standard*

## AS/NZS

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| 14598   | Information technology—Software product evaluation |
| 14598.1 | Part 1: General overview                           |
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## AUSTRALIAN/NEW ZEALAND STANDARD

**Software engineering — Product evaluation —****Part 2:****Planning and management****1 Scope**

This part of ISO/IEC 14598 provides requirements, recommendations and guidelines for a supporting function which is responsible for the management of software product evaluation and for technologies necessary for software product evaluation.

The role of the supporting function includes motivating people and training them for the evaluation activities, preparing appropriate evaluation documents and methods, and responding to queries on evaluation technologies.

Main targets for evaluation support are software development, system integration and maintenance, including software acquisition, at both project and organisation levels.

Technology management is related to the planning and management of a software evaluation process, metrics and tools. This includes the management of development, acquisition, standardisation, control, transfer and feedback of evaluation technology experiences within the organisation.

The intended users of this part of ISO/IEC 14598 are people who are responsible for

- managing the use of the evaluation technology,
- supporting software product evaluation,
- managing software development organisations,

or people in a quality assurance function. However, it is also applicable to managers involved in other software related activities.

**2 Conformance**

In order to conform to this part of ISO/IEC 14598, an organisation shall review all requirements and recommendations in clause 6, to identify those which are applicable, and state which requirements and recommendations have not been implemented.

**3 Normative references**

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 14598. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO/IEC 14598 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative documents referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 8402:1994, *Quality management and quality assurance — Vocabulary*.

ISO/IEC 9126:1991, *Information technology — Software product evaluation — Quality characteristics and guidelines for their use*.

ISO/IEC 9126-1, *Information technology — Software product quality — Part 1: Quality model*.