

Australian/New Zealand Standard™

**Information technology—Software
product evaluation**

Part 5: Process for evaluators

AS/NZS 14598.5:2000

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Australian/New Zealand Standard™

Information technology—Software product evaluation

Part 5: Process for evaluators

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT/15, Software Engineering. This Standard is identical with and has been reproduced from ISO/IEC 14598-5:1998, *Information technology—Software product evaluation, Part 5: Process for evaluators*.

The objective of this Standard is to provide suppliers, acquirers, users and the appropriate testing laboratories with requirements and recommendations for the practical implementation of software product evaluation when several parties need to understand, accept and trust evaluation results.

This Standard is Part 5 of AS/NZS 14598, *Information technology—Software product evaluation*. Other parts in this series are in the course of preparation.

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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<i>Reference to International Standard</i>		<i>Australian or Australian/New Zealand Standard</i>	
ISO/IEC		AS/NZS	
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

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AUSTRALIAN/NEW ZEALAND STANDARD

Information technology — Software product evaluation — Part 5: Process for evaluators

1 Scope

This part of ISO/IEC 14598 provides requirements and recommendations for the practical implementation of software product evaluation when several parties need to understand, accept and trust evaluation results. In particular, it may be used to apply the concepts described in ISO/IEC 9126.

The process described in this part of ISO/IEC 14598 defines the activities needed to analyse evaluation requirements, to specify, design and perform evaluation actions and to conclude the evaluation of any kind of software product.

The evaluation process may be used to evaluate already existing products, provided the needed product components are available, or to evaluate products in development.

NOTE For the evaluation of a product in development, the evaluation process needs to be synchronized with the software development process and product components are evaluated as they are delivered.

This part of ISO/IEC 14598 may be used by

- testing laboratory evaluators, when providing software product evaluation services,
- software suppliers, when planning evaluation of their products, including evaluation to be carried out by independent testing services,
- software acquirers, when requesting evaluation information from a supplier or testing service,
- software users when evaluating products or when using evaluation reports provided by testing laboratories,
- certification bodies in defining new certification schemes for software products.

2 Conformance

Because of the freedom of choice afforded to the user by the general nature of its recommendations, a simple claim of compliance with this part of ISO/IEC 14598 is not valid. Any organization imposing this part of ISO/IEC 14598 as a condition of trade is responsible for specifying and making public a set of requirements which constitute the terms for compliance for a given application of this part of ISO/IEC 14598. All requirements of clause 6 should be considered for applicability.