

Information technology — Software product evaluation —

Part 2: Planning and management

ICS 35.080

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents



Document Sharing Hub

National foreword

This British Standard reproduces verbatim ISO/IEC 14598-2:2000 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee IST/15, Software Engineering, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the ISO/IEC title page, pages ii to v, a blank page, pages 1 to 12, an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the DISC Board, was published under the authority of the Standards Committee and comes into effect on 15 March 2000

© BSI 03-2000

ISBN 0 580 35208 0

Amendments issued since publication

Amd. No.	Date	Comments

INTERNATIONAL STANDARD

ISO/IEC 14598-2

First edition
2000-02-01

Software engineering — Product evaluation —

Part 2: Planning and management

*Ingénierie du logiciel — Évaluation du produit —
Partie 2: Planification et gestion*

Reference number
ISO/IEC 14598-2:2000(E)



Contents

Foreword	iii
Introduction	iv
1 Scope	1
2 Conformance	1
3 Normative references	1
4 Terms and definitions	2
5 Evaluation management concepts	2
6 Requirements and recommendations for supporting software evaluation	3
6.1 General	3
6.2 Management at organisational level	4
6.2.1 Planning the use and improvement of the evaluation technology	4
6.2.2 Implementation of the evaluation technology	4
6.2.3 Transfer of technology used for evaluation	5
6.2.4 Assessment of the technology used for the evaluation	5
6.2.5 Management of experiences	6
6.3 Support for Project Management	6
6.3.1 Support for Evaluation Planning	7
6.3.2 Ongoing promotion of the Quantitative Evaluation Plan	8
6.3.3 Supporting the evaluation projects	8
6.3.4 Collection of the evaluation results	8
Annex A (normative) Quantitative Evaluation Plan Template	9
Bibliography	12

Foreword

ISO (the International Organization for Standardization) and IEC (The International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 14598-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 7, *Software engineering*.

ISO/IEC 14598 consists of the following parts, under the general title *Software engineering — Product evaluation*:

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

Annex A forms a normative part of this part of ISO/IEC 14598.

Introduction

This part of ISO/IEC 14598 provides details about the planning and management requirements which are associated with software product evaluation.

While this part of ISO/IEC 14598 is mainly concerned with product evaluation, wherever it is relevant the corresponding process evaluation activities are also discussed.

This part of ISO/IEC 14598 aims to clarify the requirements which should be provided by the organisation in order to ensure the success of the evaluation. This supporting function can be part of the organisation (e.g. a Technical Group), or a specially created management function.