

Implementation of ISO/IEC 10030 : 1990

**Information technology —
Telecommunications and
information exchange between
systems — End System
Routeing Information
Exchange Protocol for use in
conjunction with ISO 8878**

National foreword

This British Standard reproduces verbatim ISO/IEC 10030 : 1990 and implements it as the UK national standard.

This British Standard is published under the direction of the Information Systems Technology Standards Policy Committee whose Technical Committee IST/6 has the responsibility to:

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

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Implementation of Technical Corrigendum 1
published and effective from 15 March 1993
to BS ISO/IEC 10030 : 1990

Information technology – Telecommunications and information
exchange between systems – End System Routeing Information
Exchange Protocol for use in conjunction with ISO 8878

National foreword

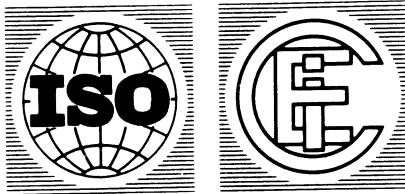
In line 1, after 'ISO/IEC 10080 : 1990' insert ', including Technical Corrigendum 1,'.

AMD 7650/March 1993

ISO text

Insert the attached as appropriate.

AMD 7650/March 1993



INTERNATIONAL STANDARD ISO/IEC 10030 : 1990
TECHNICAL CORRIGENDUM 1

Published 1992-11-01

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
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Information technology – Telecommunications and information exchange between systems – End System Routeing Information Exchange Protocol for use in conjunction with ISO 8878

TECHNICAL CORRIGENDUM 1

*Technologies de l'information – Télécommunications et échange d'information entre systèmes – Protocole d'échange
d'information pour le routage pour les systèmes d'extrémité à utiliser conjointement avec l'ISO 8878*

RECTIFICATIF TECHNIQUE 1

Technical corrigendum 1 to International Standard ISO/IEC 10030:1992 was prepared by ISO/IEC JTC 1, *Information technology*.

Page 16

Clause A.3

Third paragraph, last two lines, replace "All X.25 SNAREs." with "All CONS SNAREs."

Fourth paragraph, last line, replace "All X.25 SNAREs." with "All CONS SNAREs."

UDC 681.327.8.01

Ref. No. ISO/IEC 10030:1990/Cor.1:1992 (E)

Descriptors : data processing, information interchange, network interconnection, open systems interconnection, communication procedure, control procedures, protocols.

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**Implementation of Amendment 2: Protocol
Implementation Conformance Statement (PICS)
published and effective from 15 November 1993
to BS ISO/IEC 10030 : 1990**

**Information technology —
Telecommunications and information exchange between
systems —
End System Routeing Information Exchange Protocol for use in
conjunction with ISO 8878**

National foreword (as amended by Technical Corrigendum 1)
In line 1, after 'Technical Corrigendum 1', insert 'and Amendment 2'.

AMD 7885/November 1993

ISO text
Insert the attached as appropriate.

AMD 7885/November 1993

INTERNATIONAL STANDARD

ISO/IEC 10030

First edition
1990-12-15

AMENDMENT 2
1992-12-15

Information technology – Telecommunications and information exchange between systems – End System Routing Information Exchange Protocol for use in conjunction with ISO 8878

AMENDMENT 2 : Protocol Implementation Conformance Statement (PICS)

*Technologies de l'information – Télécommunications et échange d'informations
entre systèmes – Protocole d'échange d'informations pour le routage pour les
systèmes d'extrémité à utiliser conjointement avec l'ISO 8878*

AMENDEMENT 2 : Avis de conformité de mise en œuvre du protocole (PICS)



Reference number
ISO 10030:1990/Amd.2:1992 (E)

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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.

Amendment 2 to International Standard ISO/IEC 10030:1990 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

Annex B forms an integral part of ISO/IEC 10030.

Introduction

This amendment to ISO/IEC 10030 : 1990 consists of five items to be added to ISO/IEC 10030 : 1990. The main item is a new annex containing the Protocol Implementation Conformance Statement (PICS) proforma for ISO/IEC 10030 : 1990. The four other items add related material to clauses 1 through 4 (Scope, Normative references, Definitions and Abbreviations). The remaining clauses 5 to 12, and the present annex, of ISO/IEC 10030 : 1990 are unchanged by this amendment.

Information technology – Telecommunications and information exchange between systems – End System Routing Information Exchange Protocol for use in conjunction with ISO 8878

AMENDMENT 2 : Protocol Implementation Conformance Statement (PICS)

Instructions for amending ISO/IEC 10030 : 1990 are given in italics and numbered from 1 to 5; clause numbers and titles in this amendment correspond to those in ISO/IEC 10030 : 1990.

1 Scope

1. Add the following paragraph at the end of clause 1, Scope.

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented. Such a statement is called Protocol Implementation Conformance Statement (PICS), as defined in ISO/IEC 9646-1. This International Standard provides the PICS proforma in compliance with the relevant requirements, and in accordance with the relevant guidance, given in ISO/IEC 9646-2.

2 Normative references

2. Add the following references in clause 2, Normative references, after that for ISO/IEC TR 9577 : 1990.

ISO/IEC 9646-1:1991, *Information technology – Open Systems Interconnection – Conformance testing methodology and framework – Part 1: General concepts.*

ISO/IEC 9646-2:1991, *Information technology – Open Systems Interconnection – Conformance testing methodology and framework – Part 2: Abstract test suite specification.*

3 Definitions

3. Add the following sub-clause in clause 3, Definitions, after sub-clause 3.4 and renumber sub-clause 3.5 as 3.6.

3.5 PICS Definitions

This International Standard makes use of the following terms defined in ISO/IEC 9646.

- a) Protocol Implementation Conformance Statement (PICS)
- b) PICS proforma

4 Abbreviations

4. Add the following abbreviation in sub-clause 4.3 after NPDU.

PICS	Protocol Implementation Conformance Statement
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5. Add a new normative annex B as follows.