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INTERNATIONAL STANDARD

ISO/IEC 9596-2

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Information technology — Open Systems Interconnection — Common management information protocol: Protocol Implementation Conformance Statement (PICS) proforma

*Technologies de l'information — Interconnexion de systèmes ouverts:
Protocole commun d'information de gestion — PICS proforma*



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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.

International Standard ISO/IEC 9596-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in collaboration with the CCITT. The identical text is published as CCITT Recommendation X.712.

ISO/IEC 9596 consists of the following parts, under the general title *Information technology – Open Systems Interconnection – Common management information protocol* :

- *Part 1: Specification*
- *Part 2: Protocol Implementation Conformance Statement (PICS) proforma*

Annexes A and B form an integral part of this part of ISO/IEC 9596.

Introduction

ISO/IEC 9596 is a multipart standard developed according to ISO 7498 and ISO/IEC 7498-4. ISO/IEC 9596 is related to the following International Standards

- ISO/IEC 9595 : 1991, *Information technology – Open Systems Interconnection – Common management information service definition*;
- ISO/IEC 10040 : 1992, *Information technology – Open Systems Interconnection – Systems management overview*;
- ISO/IEC 10164 : 1992, *Information technology – Open Systems Interconnection – Systems management*.
- ISO/IEC 10165 : 1992, *Information technology – Open Systems Interconnection – Structure of management information*.

INTERNATIONAL STANDARD**CCITT RECOMMENDATION****INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –
COMMON MANAGEMENT INFORMATION PROTOCOL: PROTOCOL
IMPLEMENTATION CONFORMANCE STATEMENT (PICS) PROFORMA****1 Scope**

This Recommendation | International Standard provides the Protocol Implementation Conformance Statement (PICS) proforma for the detailed expression of the conformance requirements of CCITT Rec. X.711 | ISO/IEC 9596-1. This PICS proforma is in compliance with the relevant requirements and in accordance with the relevant guidance, given in CCITT Rec. X.291 | ISO/IEC 9646-2.

Annex A contains the PICS proforma for version 2 of CMIP. Annex B contains version 1 of the tables of the kernel functional unit that were amended by version 2. All other tables of the kernel functional unit are the same for both versions 1 and 2 of CMIP.

2 Normative references

The following CCITT Recommendations and International Standards contain provisions which, through reference in this text, constitute provisions of this Recommendation | International Standard. At the time of publication, the editions indicated were valid. All Recommendations and Standards are subject to revision, and parties to agreements based on this Recommendation | International Standard are encouraged to investigate the possibility of applying the most recent editions of the Recommendations and Standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards. The CCITT Secretariat maintains a list of currently valid CCITT Recommendations.

2.1 Paired Recommendations | International Standards equivalent in technical content

- CCITT Recommendation X.219 (1988), *Remote operations: Model, notation and service definition*.
ISO/IEC 9072-1:1989, *Information processing systems – Text Communication – Remote Operations – Part 1: Model, notation and service definition*.
- CCITT Recommendation X.215 (1988), *Session service definition for Open Systems Interconnection for CCITT applications*.
ISO 8326:1987, *Information processing systems – Open Systems Interconnection – Basic connection oriented session service definition*.
- CCITT Recommendation X.216 (1988), *Presentation service definition for Open Systems Interconnection for CCITT applications*.
ISO 8822:1988, *Information processing systems – Open Systems Interconnection – Connection oriented presentation service definition*.
- CCITT Recommendation X.227 (1992), *Association control protocol specification for Open Systems Interconnection for CCITT applications*.
ISO 8650:1988, *Information processing systems – Open Systems Interconnection – Protocol specification for the Association Control Service Element*.
- CCITT Recommendation X.229 (1988), *Remote operations: Protocol specification*.
ISO/IEC 9072-2:1989, *Information processing systems – Text Communication – Remote Operations – Part 2: Protocol specification*.
- CCITT Recommendation X.711 (1991), *Common management information protocol specification for CCITT applications*.

ISO/IEC 9596-1:1991, *Information technology – Open Systems Interconnection – Common management information protocol – Part 1: Specification.*

- CCITT Recommendation X.290 (1992), *OSI conformance testing methodology and framework for protocol Recommendations for CCITT applications – General concepts.*

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

- CCITT Recommendation X.291 (1992), *OSI conformance testing methodology and framework for protocol Recommendations for CCITT applications – Abstract test suite specification.*

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

2.2 Additional references

- ISO 8326/Add.2:1988, *Information processing systems – Open Systems Interconnection – Basic connection oriented session service definition: Addendum 2: Incorporation of unlimited user data.*