

INTERNATIONAL
STANDARD

ISO/IEC
10026-6

First edition
1995-07-01

**Information technology — Open Systems
Interconnection — Distributed Transaction
Processing —**

Part 6:
Unstructured Data Transfer

*Technologies de l'information — Interconnexion de systèmes ouverts
(OSI) — Traitement transactionnel réparti —*

Partie 6: Transfert de données non structuré



Reference number
ISO/IEC 10026-6:1995(E)

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 10026-6 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 21, *Open systems interconnection, data management and open distributed processing*.

ISO/IEC 10026 consists of the following parts, under the general title *Information technology — Open Systems Interconnection — Distributed Transaction Processing*:

- *Part 1: OSI TP Model*
- *Part 2: OSI TP Service*
- *Part 3: Protocol specification*
- *Part 4: Protocol Implementation Conformance Statement (PICS) proforma*
- *Part 5: Application context proforma and guidelines when using OSI TP*
- *Part 6: Unstructured Data Transfer*

Annex A forms an integral part of this part of ISO/IEC 10026. Annexes B and C are for information only.

© ISO/IEC 1995

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

ISO/IEC Copyright Office • Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Introduction

ISO/IEC 10026 is one of a set of standards produced to facilitate the interconnection of computer systems. It is related to other International Standards in the set as defined by the Reference Model for Open Systems Interconnection (ISO 7498). The Reference Model subdivides the area of standardization for interconnection into a series of layers of specification, each of manageable size.

The aim of Open Systems Interconnection is to allow, with a minimum of technical agreement outside the interconnection standards, the interconnection of computer systems

- a) from different manufacturers;
- b) under different management;
- c) of different levels of complexity; and
- d) of different technologies.

ISO/IEC 10026-1, -2 and -3 define the OSI TP Model, OSI TP Service and OSI TP Protocol available within the Application Layer of the OSI Reference Model. ISO/IEC 10026-4 is the OSI TP PICS and ISO/IEC 10026-5 defines the Application Context Proforma and Guidelines When Using OSI TP.

This part of ISO/IEC 10026 defines a model for unstructured data transfer within the OSI TP environment. UDT operates within the constraints specified for U-ASEs in ISO/IEC 10026. UDT is not suitable for use outside the OSI TP environment.

Information technology — Open Systems Interconnection — Distributed Transaction Processing —

Part 6:

Unstructured Data Transfer

1 Scope

This part of ISO/IEC 10026 provides a model for the transfer of application data for transaction processing applications whose application-specific protocol has not been standardized within the OSI environment.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 10026. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC 10026 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid international Standards.

ISO/IEC 9646-1:1994, *Information technology — Open Systems Interconnection — Conformance testing methodology and framework — Part 1: General concepts*.

ISO/IEC 9646-2:1994, *Information technology — Open Systems Interconnection — Conformance testing methodology and framework — Part 2: Abstract Test Suite specification*.

ISO/IEC 9646-3:1992, *Information technology - Open Systems Interconnection - Conformance testing methodology and framework — Part 3: The Tree and Tabular Combined Notation (TTCN)*.

ISO/IEC 9646-4:1994, *Information technology — Open Systems Interconnection — Conformance testing methodology and framework — Part 4: Test realization*.

ISO/IEC 9646-5:1994, *Information technology — Open Systems Interconnection — Conformance testing methodology and framework — Part 5: Requirements on test laboratories and clients for the conformance assessment process*.

ISO/IEC 9834-1:1993 *Information technology — Open Systems Interconnection — Procedures for the operation of OSI Registration Authorities — Part 1: General procedures*.

ISO/IEC 10026-1:1992, *Information technology — Open Systems Interconnection — Distributed Transaction Processing — Part 1: OSI TP Model*.

ISO/IEC 10026-2:1992, *Information technology — Open Systems Interconnection — Distributed Transaction Processing — Part 2: OSI TP Service*.

ISO/IEC 10026-3:1992, *Information technology — Open Systems Interconnection — Distributed Transaction Processing — Part 3: Protocol specification*.

ISO/IEC 10731:1994, *Information technology — Open Systems Interconnection — Basic Reference Model — Conventions for the definition of OSI services*.