

**Implementation of
ISO/IEC ISP 10608-14:1995**

**Information
technology —
International
Standardized Profile
TAnnnn —
Connection-mode
Transport Service over
Connectionless-mode
Network Service —**

**Part 14: MAC, PHY and PMD sublayer
dependent and Station Management
requirements over an FDDI LAN
subnetwork**

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee IST/6, Data communications, upon which the following bodies were represented:

- British Computer Society
- British Telecommunications plc
- CCTA (the Government Centre for Information Systems)
- Digital Equipment Co. Ltd.
- IBM United Kingdom Ltd.
- Institution of Electrical Engineers
- International Computers Limited
- Nine Tiles Computer Systems Ltd.
- Logica UK Ltd.
- Rank Xerox (UK) Ltd.

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National foreword

This British Standard reproduces verbatim ISO/IEC ISP 10608-14:1995 and implements it as the UK national standard.

This British Standard is published under the direction of the Information Systems Technology Assembly 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.

NOTE International and European Standards, as well as overseas standards, are available from Customer Services, BSI, 389 Chiswick High Road, London W4 4AL.

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, pages i and ii, the ISO/IEC ISP title page, pages ii to iv, pages 1 to 14 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

INTERNATIONAL STANDARDIZED PROFILE

**ISO/IEC
ISP
10608-14**

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Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service —

Part 14:

MAC, PHY and PMD sublayer dependent and
Station Management requirements over an
FDDI LAN subnetwork

*Technologies de l'information — Profil normalisé international TAnnnn —
Service de transport en mode connexion sur service de réseau en mode
sans connexion —*

*Partie 14: Prescriptions MAC, PHY et PMD dépendantes de la
sous-couche et de gestion de station sur un sous-réseau FDDI RLE*



Reference number
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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. In addition to developing International Standards, ISO/IEC JTC 1 has created a Special Group on Functional Standardization for the elaboration of International Standardized Profiles.

An International Standardized Profile is an internationally agreed, harmonized document which identifies a standard or group of standards, together with options and parameters, necessary to accomplish a function or a set of functions.

Draft International Standardized Profiles are circulated to national bodies for voting. Publication as an International Standardized Profile requires approval by at least 75 % of the national bodies casting a vote.

International Standardized Profile ISO/IEC ISP 10608-14 was prepared with the collaboration of

- Asia-Oceania Workshop (AOW);
- European Workshop for Open Systems (EWOS);
- Open Systems Environment Implementors' Workshop (OIW).

ISO/IEC ISP 10608 consists of several parts, under the general title *Information technology — International Standardized Profile TAnnnn — Connection-mode Transport Service over Connectionless-mode Network Service*:

- *Part 1: General overview and subnetwork-independent requirements;*
- *Part 2: TA51 profile including subnetwork-dependent requirements for CSMA/CD Local Area Networks (LANs);*
- *Part 4: Definition of profile TA53, operation over a Token Ring LAN subnetwork;*
- *Part 5: TA1111/TA1121 profiles including subnetwork-dependent requirements for X.25 packet-switched data networks using virtual calls;*
- *Part 6: Definition of profile TA54, operation over an FDDI LAN subnetwork;*
- *Part 13: MAC sublayer and physical layer dependent requirements for a Token Ring LAN subnetwork;*
- *Part 14: MAC, PHY and PMD sublayer dependent and Station Management requirements over an FDDI LAN subnetwork.*

Annex A and Annex B form integral parts of this part of ISO/IEC ISP 10608.

