



SLOVENSKI STANDARD
SIST EN ISP 10608-6:1997
01-december-1997

Information technology - International Standardized Profile TAnnnn - Connection-mode Transport Service over Connectionless-mode Network Service - Part 6: Definition of profile TA54, operation over an FDDI LAN subnetwork (ISO/IEC ISP 10608-6:1995)

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 Technologies de l'information - Profil normalisé international TAnnnn - Service de transport en mode connexion sur un service de réseau en mode sans connexion - Partie 6: Définition du profil TA54 pour opération sur un sous-réseau FDDI RLE (ISO/IEC ISP 10608-6: 1995)

Ta slovenski standard je istoveten z: EN ISP 10608-6:1996

ICS:

35.100.05 X^ • [[b ^ Á] [| æ } ã \ ^
 ! ^ z ä ç ^ Multilayer applications

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EUROPEAN STANDARD

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**Information technology - International
Standardized Profile TAnnnn - Connection-mode
Transport Service over Connectionless-mode
Network Service - Part 6: Definition of profile
TA54, operation over an FDDI LAN subnetwork
(ISO/IEC ISP 10608-6:1995)**

Technologies de l'information - Profil
normalisé international TAnnnn - Service de
transport en mode connexion sur service de
réseau en mode sans connexion - Partie 6:
Définition du profil TA54 pour opération sur un
sous-réseau FDDI RLE (ISO/IEC ISP 10608-6:1995)



REPUBLICA SLOVENIJA
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
Urad RS za standardizacijo in meroslovje
LJUBLJANA

SIST..... EN ISP 10608-6

PREVZET PO METODI RAZGLASITVE

-12- 1997

This European Standard was approved by CEN on 1996-03-26. CEN members are bound to comply with the CEN/CENELEC Intern. Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

The text of the International Standard from the Technical Committee ISO/IEC/JTC 1 "Information Technology" of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) has been taken over as a European Standard by the Technical Board of CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 1996, and conflicting national standards shall be withdrawn at the latest by October 1996.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO/IEC ISP 10608-6:1995 has been approved by CEN as a European Standard without any modification.

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INTERNATIONAL
STANDARDIZED
PROFILE

ISO/IEC
ISP
10608-6

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**Information technology — International
Standardized Profile TAnnnn —
Connection-mode Transport Service over
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Part 6:**

**Definition of profile TA54, operation over an
FDDI LAN subnetwork**

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

*Partie 6: Définition du profil TA54 pour opération sur un sous-réseau
FDDI RLE*



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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.

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- 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*

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- 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 forms an integral part of this part of ISO/IEC ISP 10608.

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Introduction

ISO/IEC ISP 10608 is defined in accordance with the principles specified by ISO/IEC TR 10000. The context of Functional Standardization is one area in the overall field of Information Technology (IT) standardization activities, covering base standards, profiles, and registration mechanisms. A profile defines a combination of base standards that collectively perform a specific well-defined IT function. Profiles standardize the use of options and other variations in the base standards, and provide a basis for the development of uniform, internationally recognized system tests.

ISPs are produced not simply to 'legitimize' a particular choice of base standards and options, but to promote real system interoperability. One of the most important roles for an ISP is to serve as the basis for the development (by organizations other than ISO and IEC) of internationally recognized test methods. The development and widespread acceptance of tests based on this and other ISPs is crucial to the successful realization of this goal.

ISO/IEC ISP 10608 consists of several parts, of which this is part 6. ISO/IEC ISP 10608-1 specifies the profile requirements which are independent of the subnetwork and media. There are further parts which specify subnetwork-dependent and media-dependent requirements. In addition, for each individual profile, there is a part of ISO/IEC ISP 10608 which identifies the specific requirements of that profile, making reference to appropriate material from part 1 and from the subnetwork-dependent parts.

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