

**SLOVENSKI STANDARD  
SIST EN ISP 10609-4:1997****01-december-1997**

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**Information technology - International Standardized Profiles TB, TC, TD and TE - Connection-mode Network Service - Part 4: Subnetwork-type independent requirements for Group TE (ISO/IEC ISP 10609-4:1992)**

Information technology - International Standardized Profiles TB, TC, TD and TE - Connection-mode Network Service - Part 4: Subnetwork-type independent requirements for Group TE (ISO/IEC ISP 10609-4:1992)

**iTeh STANDARD PREVIEW**

Informationstechnik - Internationale Profilnormen TB, TC, TD und TE - Verbindungsorientierter Transportdienst über verbindungsorientiertem Vermittlungsdienst - Teil 4: Teilnetztyp-unabhängige Anforderungen für Gruppe TE (ISO/IEC ISP 10609-4:1992)

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Technologie de l'information - Profils normalisés internationaux TB, TC, TD et TE - Service de transport en mode connexion sur service de réseau en mode connexion - Partie 4: Spécifications indépendantes du type de sous-réseau pour groupe TE (ISO/IEC ISP 10609-4:1992)

**Ta slovenski standard je istoveten z: EN ISP 10609-4:1996**

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EUROPEAN STANDARD

EN ISP 10609-4

NORME EUROPÉENNE

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January 1996

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English version

Information technology - International  
Standardized Profiles TB, TC, TD and TE -  
Connection-mode Transport Service over  
connection-mode Network Service - Part 4:  
Subnetwork-type independent requirements for  
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Technologie de l'information - Profils  
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für Gruppe TE (ISO/IEC ISP 10609-4:1992)



SIST EN ISP 10609-4:1997  
REPUBLICA SLOVENIJA  
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO  
Urad RS za standardizacijo in meroslovje  
LJUBLJANA

SIST..... EN ISP 10609-4

PREVZET PO METODI RAZGLASITVE

-12- 1997

This European Standard was approved by CEN on 1995-10-04. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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**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 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 CEN Technical Board.

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 July 1996, and conflicting national standards shall be withdrawn at the latest by July 1996.

According to the CEN/CENELEC Internal Regulations, the 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 10609-4:1992 has been approved by CEN as a European Standard without any modification.

For the time being, this document exists in the English version only.

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INTERNATIONAL  
STANDARDIZED  
PROFILE

**ISO/IEC**  
**ISP**  
**10609-4**

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**Information technology — International  
Standardized Profiles TB, TC, TD and TE —  
Connection-mode Transport Service over  
connection-mode Network Service —**

**(Part 4:  
Subnetwork-type independent requirements for  
Group TE)**

**Subnetwork-type independent requirements for  
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*Technologies de l'information — Profils normalisés internationaux TB,  
TC, TD et TE — Service de transport en mode connexion sur service de  
réseau en mode connexion —*

*Partie 4: Spécifications indépendantes du type de sous-réseau pour  
groupe TE*



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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 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 10609-4 was prepared with the collaboration of

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

ISO/IEC ISP 10609 consists of the following parts, under the general title *Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service*:

- Part 1: Subnetwork-type independent requirements for Group TB
- Part 2: Subnetwork-type independent requirements for Group TC
- Part 3: Subnetwork-type independent requirements for Group TD
- Part 4: Subnetwork-type independent requirements for Group TE
- Part 5: Definition of profiles TB1111/TB1121

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- *Part 6: Definition of profiles TC1111/TC1121*
- *Part 7: Definition of profiles TD1111/TD1121*
- *Part 8: Definition of profiles TE1111/TE1121*
- *Part 9: Subnetwork-type dependent requirements for Network Layer, Data Link Layer and Physical Layer concerning permanent access to a packet switched data network using virtual calls*

Annexes A and B form an integral part of this part of ISO/IEC ISP 10609.

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## Introduction

This part of ISO/IEC ISP 10609 (International Standardized Profile) is defined within the context of Functional Standardization, in accordance with the principles specified by ISO/IEC TR 10000-1:1990. The context of Functional Standardization is one part of 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 International Standards, and provide a basis for the development of uniform, internationally recognized system tests.

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 tests and test centres. ISPs are produced not simply to "legitimate" a particular choice of base standards and options, but to promote real system interoperability. 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 10609 consists of several parts, of which this is part 4. ISO/IEC ISP 10609-1, ISO/IEC 10609-2, ISO/IEC 10609-3 and ISO/IEC ISP 10609-4 specify subnetwork-type independent requirements for Group TB, TC, TD and TE profiles, respectively. ISO/IEC ISP 10609-5, ISO/IEC 10609-6, ISO/IEC 10609-7 and ISO/IEC ISP 10609-8 define TB1111/TB1121, TC1111/TB1121, TD1111/TD1121 and TE1111/TE1121, respectively. ISO/IEC ISP 10609-9 specifies subnetwork-type dependent requirements concerning permanent access to packet switched data network using virtual calls.