



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 41102 : 1991**

ICS 35.100

**INFORMATION SYSTEMS**

**INTERCONNECTION; LOCAL AREA**

**NETWORKS; PROVISION OF THE OSI**

**CONNECTIONLESS-MODE NETWORK**

**SERVICE ON A**

**CSMA/CD LAN IN A SINGLE OR MULTIPLE**

**LAN CONFIGURATION**

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Údarás um Chaighdeán Náisiúnta na hÉireann



## **DECLARATION**

**OF**

**SPECIFICATION**

**ENTITLED**

**INFORMATION SYSTEMS INTERCONNECTION – LOCAL AREA NETWORKS – PROVISION  
OF THE OSI CONNECTION-MODE TRANSPORT SERVICE USING THE OSI  
CONNECTIONLESS-MODE NETWORK SERVICE IN AN END SYSTEM  
ATTACHED TO A CSMA/CD LAN**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**INFORMATION SYSTEMS INTERCONNECTION – LOCAL AREA NETWORKS – PROVISION  
OF THE OSI CONNECTION-MODE TRANSPORT SERVICE USING THE OSI  
CONNECTIONLESS-MODE NETWORK SERVICE IN AN END SYSTEM  
ATTACHED TO A CSMA/CD LAN**

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EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Information Systems Interconnection – Local Area Networks – Provision of the OSI Connection-mode Transport Service Using the OSI Connectionless-mode Network Service in an End System Attached to a CSMA/CD LAN) Declaration, 1991.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Information Systems Interconnection – Local Area Networks – Provision of the OSI Connection-mode Transport Service Using the OSI Connectionless-mode Network Service in an End System Attached to a CSMA/CD LAN. The Schedule comprises the text of EN 41102:1990.  
  
(2) The said standard specification may be cited as Irish Standard/EN 41102 : 1991 or as I.S./EN 41102 : 1991.
3. (1) The Standard Specifications Information Systems Interconnection; Local Area Networks; Provision of the OSI Connection-mode Transport Service Using Connectionless-mode Network Service on a CSMA/CD Single LAN & Information Systems Interconnection; Local Area Networks; Provision of the OSI Connection-mode Transport Service and the OSI Connectionless-mode Network Service on a CSMA/CD LAN in a Single or Multiple LAN Configuration, Declarations, 1987, are hereby revoked.  
  
(2) Reference in any other standard specification to the Instruments hereby revoked and to Irish Standard/ENV 41101:1987 and Irish Standard/ENV 41102:1987, thereby prescribed, shall be construed, respectively, as references to this instrument and to Irish Standard/EN 41102 : 1991.



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UDC : 681.327.8.023

Key words: Data processing, teleprocessing, information interchange, data transfer, open systems interconnection, transport layer, communication procedure, connection oriented transmission, network layer

### English version

Information systems Interconnection - Local Area  
Networks - Provision of the OSI Connection-mode  
Transport Service using the OSI  
Connectionless-mode Network service in an End  
System attached to a CSMA/CD LAN

Interconnexion des systèmes  
d'information - Réseaux locaux -  
Fourniture du service de transport OSI  
en mode connexion utilisant le service  
de réseau OSI en mode sans connexion,  
dans un système final connecté à un  
réseau local CSMA/CD

Kommunikation von Informationssystemen  
- Lokale Netze - Erbringung des  
verbindungsorientierten  
OSI-Transportdienstes über dem  
verbindungslosen OSI-  
Vermittlungsdienst in einem End System  
an einem CSMA/CD-LAN

This European Standard was accepted by CEN and CENELEC on 1990-10-15.  
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This European Standard exists in the official versions as stated in the  
foreword. A version in any other language made by translation under the  
responsibility of a CEN and CENELEC member into its own language and  
notified to CEN and CENELEC Central Secretariat has the same status as the  
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Organisation Commune Européenne de Normalisation  
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## FOREWORD

ENV 41102 had been adopted by CEN/CENELEC in June 1986. In accordance with the procedures in the CEN/CENELEC Common Rules, a review was conducted after two years where the members gave their opinion as to what form (if any) the standard should take after its nominal lifetime of three years. The results of that review was that a revised version, prepared by EWOS, should be proposed as prEN. Subsequently, after a formal vote on 1990-09-26, the prEN was adopted by CEN/CENELEC as an EN. Some comments were finally resolved during a joint resolution meeting CEN/CENELEC-EWOS on 1990-07-02.

For the time being, this EN exists only in the English version. A German and French version has been requested and will be circulated as soon as it is available.

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