



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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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
June 21, 1991*

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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

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.

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

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

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 official versions.

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CEN/CENELEC

The Joint European Standards Institution
Organisation Commune Européenne de Normalisation
Die gemeinsame Europäische Normenvereinigung

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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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