



National Standards Authority of Ireland

IRISH STANDARD

**I.S. ENV ISO 14904:2002**

ICS 35.240.60

**ROAD TRANSPORT AND TRAFFIC  
TELEMATICS - ELECTRONIC FEE  
COLLECTION (EFC) - INTERFACE  
SPECIFICATIONS FOR CLEARING  
BETWEEN OPERATORS  
(ISO/TS 14904:2002)**

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EUROPEAN PRESTANDARD  
PRÉNORME EUROPÉENNE  
EUROPÄISCHE VORNORM

**ENV ISO 14904**

December 2002

ICS 35.240.60

Supersedes ENV ISO 14904:2002

English version

**Road transport and traffic telematics - Electronic fee collection  
(EFC) - Interface specification for clearing between operators  
(ISO/TS 14904:2002)**

Télématique de la circulation et du transport routier -  
Perception du télépéage - Spécification des interfaces pour  
la compensation des recettes entre opérateurs (ISO/TS  
14904:2002)

Telematik für den Straßenverkehr und Transport -  
Elektronische Gebührenerhebung -  
Schnittstellenspezifikation für das Clearing zwischen  
Betreibern (ISO/TS 14904:2002)

This European Prestandard (ENV) was approved by CEN on 26 May 2002 as a prospective standard for provisional application.

The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard.

CEN members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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



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## ENV ISO 14904:2002 (E)

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## **Foreword**

The text of ENV ISO 14904:2002 has been prepared by Technical Committee CEN/TC 278 "Road Transport and Traffic Telematics", the secretariat of which is held by NEN, in collaboration with Technical Committee ISO/TC 204 "Transport Information and Control Systems".

This European Prestandard supersedes ENV ISO 14094:1997.

In this European Prestandard, the annexes A to F are informative.

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

## **ENV ISO 14904:2002 (E)**

### **Introduction**

Integration of payment systems concerns the co-ordination and handling of all payment services for traffic and transport applications. This co-ordination involves:

- a) the use of a common payment concept for services within or related to road traffic and transport;
- b) the enabling of exchange of payment transactions and operational information between different operators involved in public and private transport services; and
- c) the method of payment itself, i.e. the access to electronic payment means, for the settlement of these acquired services.

In order to enable the integration of payment systems on a higher (e.g. pan-European) level and make clearing between operators possible, the interfaces involved need to be standardised.

Therefore this European Prestandard / ISO Technical Standard is designed as an interface specification enabling data to be exchanged between different operators and systems adopting a variety of application specifications.

It should be noted that although the data structures defined in the current version of the European Prestandard / ISO Technical Standard reflect a focus on information transfers for clearing purposes, the interface specification defined herein supports equally well other types of information transfers required within and between payment systems.

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