

Infotehnoloogia. RFID teatis. Infotahvel ja RFID rakendussüsteemide operaatorite poolt tagatav lisateave

Information technology - Notification of RFID - The information sign and additional information to be provided by operators of RFID application systems

EESTI STANDARDI EESSÕNA

See Eesti standard EVS-EN 16570:2014 sisaldab Euroopa standardi EN 16570:2014 ingliskeelset teksti.

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NATIONAL FOREWORD

This Estonian standard EVS-EN 16570:2014 consists of the English text of the European standard EN 16570:2014.

This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.

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English Version

Information technology - Notification of RFID - The information
sign and additional information to be provided by operators of
RFID application systems

Technologies de l'information - Notification d'identification
par radiofréquence (RFID) - Signe informationnel et
informations complémentaires devant être délivrées par les
exploitants de systèmes d'application d'identification RFID

Informationstechnik - Notifizierung von RFID - Das
Informationszeichen und zusätzliche Informationen, die von
den Betreibern von RFID-Anwendungssystemen
bereitgestellt werden müssen

This European Standard was approved by CEN on 14 May 2014.

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

This European Standard exists 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 CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN 16570:2014) has been prepared by Technical Committee CEN/TC 225 "AIDC technologies", the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by January 2015, and conflicting national standards shall be withdrawn at the latest by January 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This European Standard is one of a series of related deliverables, which together comprise M/436 Phase 2. The other deliverables are:

- EN 16571, *Information technology — RFID privacy impact assessment process*;
- EN 16656, *Information technology — Radio frequency identification for item management — RFID Emblem (ISO/IEC 29160:2012, modified)*;
- CEN/TR 16669, *Information technology — Device interface to support ISO/IEC 18000-3*;
- CEN/TR 16670, *Information technology — RFID threat and vulnerability analysis*;
- CEN/TR 16671, *Information technology — Authorisation of mobile phones when used as RFID interrogators*;
- CEN/TR 16672, *Information technology — Privacy capability features of current RFID technologies*;
- CEN/TR 16673¹⁾, *Information technology — RFID privacy impact assessment analysis for specific sectors*;
- CEN/TR 16674, *Information technology — Analysis of privacy impact assessment methodologies relevant to RFID*;
- CEN/TR 16684²⁾, *Information technology — Notification of RFID — Additional information to be provided by operators*;
- CEN/TS 16685, *Information technology — Notification of RFID — The information sign to be displayed in areas where RFID interrogators are deployed*.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1) CEN/TR 16673 contains practical examples of PIA systems.

2) CEN/TR 16684 contains practical examples of notification signage systems.

Introduction

In response to the growing deployment of RFID systems in Europe, the European Commission published in 2007 the Communication COM(2007) 96 'RFID in Europe: steps towards a policy framework'. This Communication proposed actions to overcome barriers to wider take-up of RFID to benefit society and the economy whilst incorporating appropriate privacy, health and environmental safeguards.

In December 2008, the European Commission addressed Mandate M/436 to CEN, CENELEC and ETSI in the field of ICT as applied to RFID systems.

The Mandate addresses the data protection, privacy and information policy aspects of RFID, and has been executed in two phases.

Phase 1, completed in May 2011, identified the work needed to produce a complete framework of future RFID standards. The Phase 1 results are contained in the ETSI Technical Report TR 187 020, which was published in May 2011.

Phase 2 delivered the execution of the standardization work programme identified in the first phase.

This European Norm is one of 11 deliverables of EC Mandate M/436 RFID Phase 2. It builds on the research undertaken in the related Technical Report CEN/TR 16684:2014, *Information technology — Notification of RFID — Additional information to be provided by operators*.

It is intended that the procedures defined in this EN shall be used by individual RFID operators - or by entire sectors - for notification of the presence of RFID applications.

1 Scope

1.1 General

The scope of this EN is to define the requirements for a Common European Notification Signage system to be used by operators of RFID application systems deployed within the EU Member States.

1.2 Objective

The objective of this EN is to provide enterprises, both large and small, with a common and accessible framework for the design and display of RFID notification signs.

In addition to the information placed on the sign, the framework includes the information policy - needed to answer enquiries received from individuals accessing the contact point noted on the sign itself. This minimizes the volume of information written on the sign.

This European Standard defines:

- a) the details of data and graphics that shall be included on the signage;
- b) the presentational requirements for the signage, taking account of the need;
 - 1) to provide a practical solution given constraints on print technique and print area;
 - 2) for a consistent common and recognisable signage;
- c) means to support accessibility;
- d) the structure and content of an information policy to meet the informational needs of individuals with respect to RFID privacy.

1.3 Applicability

This EN provides an application-agnostic framework which may be used by all enterprises operating RFID applications in the European Union.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 16571, *Information technology — RFID privacy impact assessment process*

EN 16656:2014, *Information technology — Radio frequency identification for item management — RFID Emblem (ISO/IEC 29160:2012, modified)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

common European RFID notification emblem

graphic design which notifies the presence of radio frequency identification (RFID) systems