



NSAI
Standards

Irish Standard
I.S. EN 62605:2016

Multimedia systems and equipment - Multimedia e-publishing and e-books - Interchange format for e-dictionaries

I.S. EN 62605:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

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National Foreword

I.S. EN 62605:2016 is the adopted Irish version of the European Document EN 62605:2016, Multimedia systems and equipment - Multimedia e-publishing and e-books - Interchange format for e-dictionaries

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EUROPEAN STANDARD

EN 62605

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2016

ICS 33.160.60; 35.240.20; 35.240.30

Supersedes EN 62605:2011

English Version

**Multimedia systems and equipment - Multimedia e-publishing
and e-books - Interchange format for e-dictionaries
(IEC 62605:2016)**

Systèmes et équipements multimedia - Publication et livres
électroniques multimedia - Format d'échange pour les
dictionnaires électroniques
(IEC 62605:2016)

Multimediageräte und -systeme - Multimedia e-publishing
und e-books - Austauschformat für elektronische
Wörterbücher
(IEC 62605:2016)

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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 CENELEC 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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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62605:2016

European foreword

The text of document 100/2430/CDV, future edition 2 of IEC 62605, prepared by Technical Area 10 “Multimedia e-publishing and e-book technologies” of IEC/TC 100 “Audio, video and multimedia systems and equipment” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62605:2016.

The following dates are fixed:

- latest date by which the document has to be (dop) 2017-05-18
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2019-11-18
standards conflicting with the
document have to be withdrawn

This document supersedes EN 62605:2011.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62448:2013	NOTE	Harmonized as EN 62448:2014.
ISO 3166-1	NOTE	Harmonized as EN ISO 3166-1.

Annex ZA

(normative)

**Normative references to international publications
with their corresponding European publications**

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.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC/TS 62229	2006	Multimedia systems and equipment - Multimedia e-publishing and e-book - Conceptual model for multimedia e- publishing	-	-

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IEC 62605

Edition 2.0 2016-02

INTERNATIONAL STANDARD

**Multimedia systems and equipment – Multimedia e-publishing and e-books –
Interchange format for e-dictionaries**



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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
Fax: +41 22 919 03 00
info@iec.ch
www.iec.ch

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IEC 62605

Edition 2.0 2016-02

INTERNATIONAL STANDARD

**Multimedia systems and equipment – Multimedia e-publishing and e-books –
Interchange format for e-dictionaries**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 33.160.60; 35.240.20; 35.240.30

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MULTIMEDIA SYSTEMS AND EQUIPMENT – MULTIMEDIA E-PUBLISHING AND E-BOOKS – INTERCHANGE FORMAT FOR E-DICTIONARIES

FOREWORD

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International Standard IEC 62605 has been prepared by technical area 10: Multimedia e-publishing and e-book technologies, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This second edition cancels and replaces the first edition published in 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition.

- a) Ref element is added to facilitate cross reference between entries.
- b) A new version of LeXML format, which is one of the base formats of the first edition, has been expanded and becomes Annex B. (The existing format becomes Annex A.)

The text of this standard is based on the following documents:

CDV	Report on voting
100/2430/CDV	100/2506/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

INTRODUCTION

Markets for multimedia e-books and e-publishing require standardization of formats for e-book data interchange among associated people, authors, data preparers, publishers and readers. The formats are classified into submission format, interchange format and reader's format. The submission format supports an interaction between authors and data preparers. The reader's format depends on e-publishing equipment. The interchange format provides an interchange format for data preparers and publishers and therefore should be e-publishing equipment independent.

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MULTIMEDIA SYSTEMS AND EQUIPMENT – MULTIMEDIA E-PUBLISHING AND E-BOOKS – INTERCHANGE FORMAT FOR E-DICTIONARIES

1 Scope

This International Standard specifies the interchange format for e-dictionaries among publishers, content creators and manufacturers.

This International Standard does not address the following aspects:

- data formats for reading devices;
- elements necessary for final print reproduction only;
- rendering issues related to physical devices;
- security issues such as DRM for documents.

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.

IEC TS 62229:2006, *Multimedia systems and equipment – Multimedia e-publishing and e-book – Conceptual model for multimedia e-publishing*

3 Terms and definitions

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

3.1

manufacturer

organization or person that manufactures hardware and/or software of the e-book

4 Position and requirements for interchange format for e-dictionaries

4.1 Interchange format for e-dictionaries in contents creation/distribution model

The conceptual model for multimedia e-publishing (IEC TS 62229) defines a contents creation/distribution model shown in Figure 1.

Author <--(1)--> Data preparer <--(2)--> Publisher --(3)--> Reader

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Key

- (1) content data in submission format
- (2) content data in interchange format
- (3) content data in reader's format

Figure 1 – Contents creation/distribution model

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