



NSAI
Standards

Irish Standard
I.S. EN 63080:2017

Accessibility terms and definitions

I.S. EN 63080:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

EN 63080:2017

Published:

2017-12-01

*This document was published
under the authority of the NSAI
and comes into effect on:*

2017-12-19

ICS number:

NOTE: If blank see CEN/CENELEC cover page

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

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 63080:2017 is the adopted Irish version of the European Document EN 63080:2017, Accessibility terms and definitions

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

EUROPEAN STANDARD

EN 63080

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2017

ICS 01.040.01, 11.180.01

English Version

Accessibility terms and definitions (IEC 63080:2017)

Termes et définitions relatifs à l'accessibilité
(IEC 63080:2017)

Begriffe Zur Zugänglichkeit
(IEC 63080:2017)

This European Standard was approved by CENELEC on 2017-09-01. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 63080:2017 (E)

European foreword

The text of document 100/2775/CDV, future edition 1 of IEC 63080:2017, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 63080:2017.

The following dates are fixed:

- latest date by which this document has (dop) 2018-06-01
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2020-09-01
standards conflicting with this
document have to be withdrawn

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

Endorsement notice

The text of the International Standard IEC 63080:2017 was approved by CENELEC as a European Standard without any modification.



IEC 63080

Edition 1.0 2017-07

INTERNATIONAL STANDARD

Accessibility terms and definitions –



THIS PUBLICATION IS COPYRIGHT PROTECTED

Copyright © 2017 IEC, Geneva, Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either IEC or IEC's member National Committee in the country of the requester. If you have any questions about IEC copyright or have an enquiry about obtaining additional rights to this publication, please contact the address below or your local IEC member National Committee for further information.

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

About the IEC

The International Electrotechnical Commission (IEC) is the leading global organization that prepares and publishes International Standards for all electrical, electronic and related technologies.

About IEC publications

The technical content of IEC publications is kept under constant review by the IEC. Please make sure that you have the latest edition, a corrigenda or an amendment might have been published.

IEC Catalogue - webstore.iec.ch/catalogue

The stand-alone application for consulting the entire bibliographical information on IEC International Standards, Technical Specifications, Technical Reports and other documents. Available for PC, Mac OS, Android Tablets and iPad.

IEC publications search - www.iec.ch/searchpub

The advanced search enables to find IEC publications by a variety of criteria (reference number, text, technical committee,...). It also gives information on projects, replaced and withdrawn publications.

IEC Just Published - webstore.iec.ch/justpublished

Stay up to date on all new IEC publications. Just Published details all new publications released. Available online and also once a month by email.

Electropedia - www.electropedia.org

The world's leading online dictionary of electronic and electrical terms containing 20 000 terms and definitions in English and French, with equivalent terms in 16 additional languages. Also known as the International Electrotechnical Vocabulary (IEV) online.

IEC Glossary - std.iec.ch/glossary

65 000 electrotechnical terminology entries in English and French extracted from the Terms and Definitions clause of IEC publications issued since 2002. Some entries have been collected from earlier publications of IEC TC 37, 77, 86 and CISPR.

IEC Customer Service Centre - webstore.iec.ch/csc

If you wish to give us your feedback on this publication or need further assistance, please contact the Customer Service Centre: csc@iec.ch.



IEC 63080

Edition 1.0 2017-07

INTERNATIONAL STANDARD

Accessibility terms and definitions –

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 01.040.01; 11.180.01

ISBN 978-2-8322-4658-0

Warning! Make sure that you obtained this publication from an authorized distributor.

CONTENTS

| | |
|--|----|
| FOREWORD..... | 4 |
| INTRODUCTION..... | 6 |
| 1 Scope..... | 7 |
| 2 Normative references | 7 |
| 3 Terms and definitions | 7 |
| 4 Abbreviated terms | 12 |
| 5 Conventions | 12 |
| 6 Terminology..... | 12 |
| 6.1 Access service or accessibility service..... | 12 |
| 6.2 Accessibility..... | 13 |
| 6.3 Accessibility content | 13 |
| 6.4 Accessibility feature..... | 13 |
| 6.5 Assistive listening devices (ALD) | 13 |
| 6.6 Assistive listening system (ALS) | 13 |
| 6.7 Assistive technology (AT)..... | 14 |
| 6.8 Audio and spoken subtitles | 14 |
| 6.9 Audio captions/captioning | 14 |
| 6.10 Audio description | 14 |
| 6.11 Captions/captioning | 14 |
| 6.12 Clean audio | 15 |
| 6.13 Closed/open accessibility services..... | 15 |
| 6.14 Design for all (deprecated)..... | 15 |
| 6.15 Disability..... | 15 |
| 6.16 Human factors or ergonomics | 15 |
| 6.17 Impairment..... | 16 |
| 6.18 Inclusive design | 16 |
| 6.19 Interface accessibility | 16 |
| 6.20 Keyboard emulator..... | 17 |
| 6.21 Lip-reading and lip-reading interpretation..... | 17 |
| 6.22 Lip speaking or oral interpreters..... | 17 |
| 6.23 Mainstreaming | 17 |
| 6.24 Persons with age-related disabilities | 17 |
| 6.25 Persons with disabilities (PWD) | 18 |
| 6.26 Persons with specific needs | 18 |
| 6.27 Pixelation..... | 18 |
| 6.28 Platform accessibility features..... | 18 |
| 6.29 Profile settings..... | 18 |
| 6.30 Real time | 18 |
| 6.31 Relay service | 19 |
| 6.32 Remote participation | 19 |
| 6.33 Respeaking..... | 20 |
| 6.34 Screen magnification software | 20 |
| 6.35 Screen reader software..... | 20 |
| 6.36 Sign language..... | 20 |
| 6.37 Sign language interpretation | 21 |
| 6.38 Special needs | 21 |

| | | |
|-----------------------|--|----|
| 6.39 | Specific needs | 21 |
| 6.40 | Subtitles | 21 |
| 6.41 | Supplementary audio services | 22 |
| 6.42 | Universal design | 22 |
| Annex A (informative) | Deprecated terminology | 23 |
| A.1 | General..... | 23 |
| A.2 | Elderly | 23 |
| A.3 | Handicapped..... | 23 |
| A.4 | Hearing impairment..... | 23 |
| A.5 | Inclusive design, design for all, or accessible design | 23 |
| A.6 | Persons with special needs..... | 23 |
| Bibliography | | 24 |

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ACCESSIBILITY TERMS AND DEFINITIONS –**FOREWORD**

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 63080 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

ITU-T F.791:2015 has served as a basis for the elaboration of this standard.

The text of this International Standard is based on the following documents:

| CDV | Report on voting |
|--------------|------------------|
| 100/2775/CDV | 100/2873/RVC |

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

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

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

This document defines words describing accessibility, disability, and technical terms to be used for improving the writing in relation to standardization, and to facilitate accurately the needs and the mainstreaming of accessibility in standards that will include persons with disabilities (PWD), older persons with age-related disabilities and persons with specific needs. See WTDC Res. 58, WTDC AP and ITU–T F.790, listed in the Bibliography.

With the advent of the United Nations Convention on the Rights of Persons with Disabilities (see UNCRPD in the Bibliography), its passage in 2006, and its ratification by numerous countries, many new terms and definitions were created. Some of these terms and definitions were created at the behest of PWD themselves to eradicate terms that were demeaning, insulting, and inaccurate.

Writers of standards are able to mainstream accessibility features into standards, as well as to write specific standards for accessibility. To design products and services successfully, there is a need for a common language. This document is intended to give definitions so that it will make it easier for industries to implement these accessibility features and accessibility standards if everyone is using the same language and vocabulary. It is also important that governments, government agencies, non-government organizations (NGOs), the UN, and its respective agencies normalize these terms for their integration into mainstream everyday language.

The UN Convention on the Rights of Persons with Disabilities (UNCRPD), Article 9, made clear the need to include PWD, older persons with age-related disabilities, and persons with specific needs by mainstreaming them into all aspects of modern life. This can only be done by including them in the design of modern technology and information and communication technologies (ICTs) using universal design as defined in the UNCRPD and using a common language and vocabulary.

ACCESSIBILITY TERMS AND DEFINITIONS –

1 Scope

This document contains a list of currently used terminology to describe accessibility and terms that writers of standards need when writing and designing International Standards. It is important to standardize and define a recognized list of the terms already used and in existing ITU Recommendations and Resolutions, along with those in the UN Convention on the Rights of Persons with Disabilities (UNCRPD). Without such a list, there could be confusion not only on the part of writers and implementers of standards, but also by the public at large. It is also important to eliminate terminology that is no longer used, offensive, and demeaning to persons with disabilities (PWD) and others.

The terminology in this document is for use in international work when English is used to refer to telecommunication/ICT accessibility matters. This document is also applicable to everyday life and all usages, including web design and other writings, as well as ICT, telecommunications, and broadcasting standardization. The aim is for it to also be mainstreamed into future policy, regulatory, and academic documents so as to be consistent with global compatibility and understanding. In the future, work that is yet to be created, written, or approved could include new terms that are added as appropriate by consensus in a revision.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

access service

accessibility service

provision of features intended to make primary audiovisual content accessible to users with specific needs, preferences, or in specific environmental contexts

3.2

accessibility

degree to which a product, device, service, or environment (virtual or real) is available to as many people as possible

3.3

accessibility content

accessibility of the content delivered by an audiovisual media solution, i.e. captions, subtitles, audio description, audio subtitles, etc., and differentiated from the solution's interface accessibility

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-