

This is a preview - click here to buy the full publication



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.