

ISO/IEC TS 20071-40:2026-03 (E)

Information technology - User interface component accessibility - Part 40: Augmentative and alternative communication (AAC)

Contents

Page

- Foreword iv
- Introduction v
- 1 Scope 1**
- 2 Normative references 1**
- 3 Terms and definitions 1**
- 4 Conventions 3**
- 5 Introduction to AAC 4**
 - 5.1 AAC 4
 - 5.2 The range of users of AAC 4
 - 5.2.1 Introduction to users and their needs 4
 - 5.2.2 Non-verbal users 4
 - 5.2.3 Users not served by translators 5
 - 5.2.4 Users communicating with non-verbal users and users not served by translators 6
 - 5.2.5 All users 7
 - 5.2.6 Collected major needs for AAC 8
 - 5.3 Implementations 9
 - 5.3.1 General 9
 - 5.3.2 Text-to-speech systems 9
 - 5.3.3 On-Screen keyboards 9
 - 5.3.4 Automatic translators 10
 - 5.3.5 Communication support boards 10
- 6 Basic guidance related to AAC 10**
 - 6.1 General 10
 - 6.2 Focus 11
 - 6.2.1 User needs rather than technologies 11
 - 6.2.2 Serving those with communication difficulties 11
 - 6.2.3 Serving all ages 11
 - 6.2.4 Communicating 11
 - 6.2.5 Graphic communications 11
 - 6.2.6 Simple interactions 11
 - 6.3 Basic functionality 11
 - 6.3.1 Clearly distinguishable functionality 11
 - 6.3.2 Intuitiveness 11
 - 6.3.3 Availability without personalization 12
 - 6.3.4 Personalization by users 12
 - 6.3.5 Automatic support for different platforms 12
 - 6.3.6 Minimal reliance on the Internet 12
- 7 Further guidance related to AAC 12**
 - 7.1 Design and use of pictograms, photos, and icons in AAC 12
 - 7.2 A core set of pictograms for use in AAC 12
 - 7.3 The use of various forms (written, auditory, and tactile) of text information in AAC 13
 - 7.4 Translating AAC utterances to natural languages 13
 - 7.5 Face-to-face AAC messaging 13
 - 7.6 Incorporating remote messaging into AAC 13
 - 7.7 Accessible narratives using AAC 14
 - 7.8 Accessible creation of accessible narratives 14
 - 7.9 Other AAC applications 14

- Bibliography 15**