

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