
**Information technology — User
interface component accessibility —**

**Part 5:
Accessible user interfaces for
accessibility settings on information
devices**

*Technologies de l'information — Accessibilité du composant interface
utilisateur —*

*Partie 5: Interfaces utilisateur accessibles pour le paramétrage de
l'accessibilité d'appareils informatiques*

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives or www.iec.ch/members_experts/refdocs).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html. In the IEC, see www.iec.ch/understanding-standards.

This document was prepared by Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 35, *User interfaces*.

A list of all parts in the ISO/IEC 20071 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

Introduction

People with disabilities (e.g. visual, hearing, physical) can experience difficulties in accessing information and communications technology (ICT) devices. Accessible user interfaces, as described in this document, can help them to operate devices.

To effectively operate accessible user interfaces, users need to be able to adjust accessibility settings first. If this is not possible, some people will not be able to access these devices without help from another party.

This document makes information technologies more accessible by ensuring that people with disabilities can adjust accessibility settings by themselves.

Information technology — User interface component accessibility —

Part 5:

Accessible user interfaces for accessibility settings on information devices

1 Scope

This document specifies requirements and recommendations for making accessibility settings accessible and usable. It provides guidance on specific accessibility settings, saving settings and modifying settings. It specifies how to access and operate the accessibility setting mode, and how to directly activate specific accessibility features.

This document applies to all operating system user interfaces on all types of information and communications technologies (ICTs) from the point where the operating system is fully functional and waiting for the user to interact with it.

This document does not apply to:

- storing and retrieving information from a stored user profile, including personally identifiable information;
- accessibility of the closed functionality that does not support access by assistive technology;
- accessibility of boot mode.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9241-171:2008, *Ergonomics of human-system interaction — Part 171: Guidance on software accessibility*

3 Terms and definitions

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

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

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