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Information technology — User interface accessibility —

Part 4: Applying user accessibility needs

Technologies de l'information — Accessibilité de l'interface utilisateur —

Partie 4: Prise en compte des besoins d'accessibilité des utilisateurs

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Foreword

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

A list of all parts in the ISO/IEC 29138 series can be found on the ISO and IEC websites.

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Introduction

The user accessibility needs (UANs) in ISO/IEC 29138-1 provide the most comprehensive set of standardized user accessibility needs currently available. It is recognized that further UANs are likely to be identified and that ISO/IEC 29138-1 will be updated over time to incorporate these further UANs. The benefit of the set of UANs in ISO 29138-1 is that they provide a fixed set of issues that are needed to provide accessibility to diverse users in diverse contexts.

UANs can be applied to the procurement, development, maintenance and evaluation of ICT systems in order to improve their usability for diverse users in diverse contexts. This document provides guidance on how to perform this application. It also allows for the application of any further user accessibility needs beyond the current set found in ISO/IEC 29138-1.

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Information technology — User interface accessibility —

Part 4:
Applying user accessibility needs

1 Scope

This document provides guidance on applying the set of user accessibility needs (UANs) to the procurement, development and evaluation of ICT products and services. This includes guidance on documenting the application of user accessibility needs.

Applying user accessibility needs helps improve accessibility for all users and in particular for users with special needs that might otherwise be overlooked.

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/IEC 29138-1, *Information technology — User interface accessibility — Part 1: User accessibility needs*

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/

3.1
user accessibility need
UAN
user need related to features or attributes that are necessary for a system to be accessible to some users

Note 1 to entry: User accessibility needs vary over time and across contexts of use.

Note 2 to entry: User accessibility needs are transformed into user accessibility requirements considering the context of use, user priorities, trade-offs with other system requirements and constraints.

[SOURCE: ISO/IEC 29138-1:2018, 3.10, modified —"to some user" has been added to the definition and “user requirements” in Note 2 to entry has been replaced by “user accessibility requirements”.]

3.2
user accessibility requirement
UAR
use-related quality requirement that supports one or more user accessibility need

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