



**International  
Standard**

**ISO/IEC 29138-4**

**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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# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Conventions</b> .....	<b>2</b>
<b>5 User accessibility needs</b> .....	<b>2</b>
<b>6 Applying user accessibility needs in development and maintenance</b> .....	<b>2</b>
<b>7 Understanding the context of use</b> .....	<b>3</b>
<b>8 Contextualizing user accessibility needs</b> .....	<b>4</b>
<b>9 Transforming user accessibility needs into user accessibility requirements</b> .....	<b>5</b>
<b>10 Ensuring user accessibility requirements are met</b> .....	<b>7</b>
10.1 Evaluating an ICT system.....	7
10.2 Evaluating the meeting of UAR in design, development and maintenance.....	7
10.3 Evaluating the meeting of UAR in evaluation of ICT systems.....	8
10.4 Evaluating the meeting of UAN in evaluation of ICT systems.....	8
<b>11 Applying user accessibility needs in procurement</b> .....	<b>8</b>
<b>12 Additional user needs</b> .....	<b>9</b>
<b>Annex A (informative) List of the user accessibility needs from ISO/IEC 29138-1:2018</b> .....	<b>10</b>
<b>Bibliography</b> .....	<b>15</b>

## Foreword

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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 documents 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](http://www.iso.org/directives) or [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs)).

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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.

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](http://www.iso.org/members.html) and [www.iec.ch/national-committees](http://www.iec.ch/national-committees).

## 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.

# 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*

## Bibliography

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- [6] ISO/IEC 30071-1:2019, *Information technology — Development of user interface accessibility — Part 1: Code of practice for creating accessible ICT products and services*
- [7] ISO/IEC Guide 71:2014, *Guide for addressing accessibility in standards*