

SLOVENSKI oSIST prEN ISO 9241-300:2006

PREDSTANDARD

april 2006

Ergonomija medsebojnega vpliva človek-sistem – 300. del: Uvod v zahteve in tehnike merjenja za elektronske slikovne zaslone (ISO/DIS 9241-300:2006)

Ergonomics of human-system interaction - Part 300: Introduction to requirements and measurement techniques for electronic visual displays (ISO/DIS 9241-300:2006)

(standards.iteh.ai)

SIST EN ISO 9241-300:2009

<https://standards.iteh.ai/catalog/standards/sist/867f401b-41b0-4e68-a3df-e28f36837abf/sist-en-iso-9241-300-2009>

ICS 13.180; 35.180

Referenčna številka
oSIST prEN ISO 9241-300:2006(en)

January 2006

ICS

English Version

**Ergonomics of human-system interaction - Part 300: Introduction
to requirements and measurement techniques for electronic
visual displays (ISO/DIS 9241-300:2006)**

Ergonomie de l'interaction homme-système - Partie 300:
Introduction aux exigences et aux techniques de mesurage
pour écrans de visualisation électroniques (ISO/DIS 9241-
300:2006)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 122.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (prEN ISO 9241-300:2006) has been prepared by Technical Committee ISO/TC 159 "Ergonomics" in collaboration with Technical Committee CEN/TC 122 "Ergonomics", the secretariat of which is held by DIN.

This document is currently submitted to the parallel Enquiry.

Endorsement notice

The text of ISO 9241-300:2006 has been approved by CEN as prEN ISO 9241-300:2006 without any modifications.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 9241-300:2009

<https://standards.iteh.ai/catalog/standards/sist/867f401b-41b0-4e68-a3df-e28f36837abf/sist-en-iso-9241-300-2009>



DRAFT INTERNATIONAL STANDARD ISO/DIS 9241-300

ISO/TC 159/SC 4

Secretariat: BSI

Voting begins on:
2006-01-26

Voting terminates on:
2006-06-26

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Ergonomics of human-system interaction —

Part 300:

Introduction to requirements and measurement techniques for electronic visual displays

Ergonomie de l'interaction homme-système —

Partie 300: Introduction aux exigences et aux techniques de mesurage pour écrans de visualisation électroniques

ICS 13.180; 35.180

Free STANDARD PREVIEW
(standards.iteh.ai)

ISO/CEN PARALLEL ENQUIRY

The CEN Secretary-General has advised the ISO Secretary-General that this ISO/DIS covers a subject of interest to European standardization. **In accordance with the ISO-lead mode of collaboration as defined in the Vienna Agreement, consultation on this ISO/DIS has the same effect for CEN members as would a CEN enquiry on a draft European Standard.** Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month FDIS vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENT AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 9241-300:2009

<https://standards.iteh.ai/catalog/standards/sist/867f401b-41b0-4e68-a3df-e28f36837abf/sist-en-iso-9241-300-2009>

Copyright notice

This ISO document is a Draft International Standard and is copyright-protected by ISO. Except as permitted under the applicable laws of the user's country, neither this ISO draft nor any extract from it may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, photocopying, recording or otherwise, without prior written permission being secured.

Requests for permission to reproduce should be addressed to either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Reproduction may be subject to royalty payments or a licensing agreement.

Violators may be prosecuted.

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Conformance	2
5 Overview of the standard series ISO 9241-300	2
6 Integrated products and modular products	3
7 Work environments	5

Tables

Table 1 — Overview of the ISO 9241-300 series	3
Table 2 — Example of type testing approach for a modular system (Office PC)	4
Table 3 — Examples of work environments	5

SIST EN ISO 9241-300:2009
<https://standards.itech.ai/catalog/standards/sist/867f401b-41b0-4e68-a3df-e28f36837abf/sis-en-iso-9241-300-2009>

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9241-300 was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 4, and by Technical Committee CEN/TC 122, *Ergonomics* in collaboration.

ISO 9241 was originally developed as a seventeen part standard on the ergonomics requirements for office work with visual display terminals. As part of the standards review process, a major restructuring of ISO 9241 was agreed to broaden its scope, to incorporate other relevant standards and to make it more usable. The title of the revised ISO 9241 -'Ergonomics of human-system interaction' – reflects these changes and aligns the standard with the overall title and scope of SC4. The revised multipart standard is structured as a series of standards numbered in 'hundreds' for example the 100 series deals with software interfaces, the 200 series with human centred design, the 300 series with visual displays, the 400 series with physical input devices and so on.

ISO 9241 consists of the following parts:

- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 1: General introduction*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 2: Guidance on task requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 3: Visual display requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 4: Keyboard requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 5: Workstation layout and postural requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 6: Guidance on the work environment*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 7: Requirements for display with reflections*

- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 8: Requirements for displayed colours*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 9: Requirements for non-keyboard input devices*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 11: guidance on usability*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 12: Representation of information*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 13: User guidance*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 14: Menu dialogues*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 15: Command dialogues*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 16: Direct-manipulation dialogues*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 17: Form-filling dialogues*
- *Ergonomics of human-system interaction — Part 110: Dialogue principles¹⁾*
- *Ergonomics of human system interaction — Physical input devices — Part 400: Ergonomic principles: introduction and requirements*

SIST EN ISO 9241-300:2009

<https://standards.iteh.ai/catalog/standards/sist/867f401b-41b0-4e68-a3df-e28f36837abf/sis-en-iso-9241-300-2009>

¹⁾ ISO 9241-10 is replaced by ISO 9241-110 with the new title: "*Ergonomics of human-system interaction – Dialogue principles*"

