

**BUREAU OF INDIAN STANDARDS**  
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**मसौदा भारतीय मानक  
प्रणालियाँ और सॉफ्टवेयर इंजीनियरी —  
डिजाइनरों और उपयोगकर्ता प्रलेखन के  
डेलवर्स के लिए आवश्यकताएँ  
(दूसरा पुनरीक्षण)**

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***Draft Indian Standard***  
***Systems and software engineering Requirements***  
***for designers and developers of user documentation***  
***(Second Revision)***

**ICS : 35.080**

## **NATIONAL FOREWORD**

(Formal clauses will be added later)

This Draft Indian Standard (*Second Revision*) which is identical with ISO/IEC 26514 : 2022 ‘Systems and software engineering — Requirements for designers and developers of user documentation’ issued by International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Software And System Engineering Sectional Committee LITD 14 and the approval of the Electronics and Information Technology Division Council.

This standard was first published in 1992 and was identical to ISO 6592 : 1985. ISO 6592 was further revised by ISO and replaced by ISO/IEC 26514 : 2008. The first revision of this standard was undertaken to align it with the latest version of ISO/IEC 26514 : 2008. The ISO/IEC 26514 was further revised in 2022. The second revision of this standard aligns this Indian Standard with ISO/IEC 26514 : 2022. This standard also supersedes IS 13553 : 1993.

The main changes are as follows:

- a) increased emphasis on designing and developing information for users of software;
- b) use of IEC/IEEE 82079-1 as a normative reference for information for use;
- c) addition of subclauses regarding application programming interfaces (API) and chatbots.

The text of ISO Standard *may be* approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

The technical committee has reviewed the provisions of following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document applies, including any corrigenda and amendment:

<b>International Standards</b>	<b>Title</b>
IEC/IEEE 82079-1:2019	Preparation of information for use (instructions for use) of products – Part 1: Principles and general requirements

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:2022 ‘Rules for rounding off numerical values (Second Revision)’. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard.

## **Scope of ISO/IEC 26514 : 2022:**

This document covers the development process for designers and developers of information for users of software. It describes how to establish what information users need, how to determine the way in which that information should be presented, and how to prepare the information and make it available. It is not limited to the design and development stage of the life cycle, but includes information on design throughout the life cycle, such as design strategy and maintaining a design.

This document provides requirements for the structure, information content, and format of information for users of software.

This document can be applied to developing the following types of information, although it does not cover all aspects of them:

- a. information for users of products other than software;
- b. multimedia systems using animation, video, and sound;
- c. computer-based training (CBT) packages and specialized course materials intended primarily for use in formal training programs;
- d. maintenance information describing the internal operation of systems software;
- e. information for users incorporated into the user interface itself.

This document is applicable to information architects and information developers, including a variety of specialists:

- a. information architects who plan the structure and format of information products;
- b. usability specialists and business analysts who identify the tasks that the intended users can perform with the software;
- c. developers and editors of the written content of information for users;
- d. graphic designers with expertise in electronic media;
- e. user interface designers and ergonomics experts working together to design the presentation of the information on the screen.

This document is also a reference for those with other roles and interests in the process of developing information for users:

- a. managers of the software development process or the information-development process;
- b. acquirers of information for users prepared by suppliers;
- c. usability testers, reviewers of information for users, subject-matter experts;
- d. developers of tools for creating information for users;
- e. human-factors experts who identify principles for making information for users more accessible and easily used.

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Head  
Electronics & IT Department  
Bureau of Indian Standards  
9, B.S. Zafar Marg,  
New Delhi-110002  
Email: [hlitd@bis.gov.in](mailto:hlitd@bis.gov.in), [ashishtiware2205@bis.gov.in](mailto:ashishtiware2205@bis.gov.in)  
Tele: 011-23608501