

BUREAU OF INDIAN STANDARDS
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मसौदा भारतीय मानक
सूचना प्रौद्योगिकी – ब्रेन-कंप्यूटर इंटरफेस –
उपयोग के उदाहरण

Draft Indian Standard
Information technology –Brain Computer Interfaces –
Use cases

ICS 35.200

**Brain-Computer Interface Sectional
Committee, LITD 37**

**Last Date for Comments: 30 November
2025**

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard which is identical to ‘ISO/IEC TR 27599: 2025 Information Technology –Brain-computer interfaces –Use cases’ issued by the International Standardization Organization (ISO) and International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards (BIS) on the recommendations of the Brain-Computer Interface Sectional Committee and approval of the Electronics and Information Technology Division Council.

The text of ISO/IEC Standard may be approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies 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’, and
- 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.

In this draft adopted standard, reference appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated:

International Standards	Corresponding Indian Standard	Degree of Equivalence
ISO/IEC 8663 Information technology – Brain-computer interfaces – Vocabulary.	IS/ISO/IEC 8663 Doc No. (28814)	Identical with IS/ISO/IEC 8663

The technical committee has reviewed the provisions of the following International Standard referred in this adopted draft standard and has decided that it is 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 (including any amendments) applies:-

International Standard	Title
ISO/IEC 24703:2004	Information technology – Participant Identifiers

Scope of ISO/IEC TR 27599: 2025 is as follows:

“This document provides a collection of representative use cases of brain-computer interface (BCI) applications in a variety of domains: proposed medical and health, industrial controls, smart environment, etc.

This document can be used for the development of potential standards, and it is valuable for a better comprehension of BCI.

This document is also helpful for BCI industries and products that provide support for communications among interested parties and stakeholders.

This document is applicable to all types of organizations (e.g. commercial enterprises, government agencies, not-for-profit organizations).”

Doc: LITD 37 (28818)
Draft IS/ISO/IEC TR 27599: 2025
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Note: - The Technical content of this document has not been enclosed as these are identical with the corresponding ISO/IEC Standard. For details please refer to ISO/IEC TR 27599: 2025 or kindly contact.

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