

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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**मसौदा भारतीय मानक**

**सूचना सुरक्षा, साइबर सुरक्षा और गोपनीयता संरक्षण -  
बायोमेट्रिक प्रणालियों के सुरक्षा मूल्यांकन के लिए सामान्य  
सिद्धांत, आवश्यकताएं और मार्गदर्शन  
(पहला पुनरीक्षण)**

**Draft Indian Standard**

**Information security, cybersecurity and privacy protection  
— General principles, requirements and guidance for  
security evaluation of biometric systems  
(First Revision)**

ICS: 35.030

Information Systems Security And Privacy  
Sectional Committee, LITD 17

Last Date for Comments: 30 November  
2025

**NATIONAL FOREWORD**

(Formal clauses will be added later)

This draft Indian Standard (First Revision) which is identical to ISO/IEC 19792: 2025 “Information security, cybersecurity and privacy protection — General principles, requirements and guidance for security evaluation of biometric systems” issued by International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards (BIS) on the recommendations of the Information Systems

Security And Privacy Sectional Committee, LITD 17 and approval of the Electronics and Information Technology Division Council.

This standard was first published in 2021 and was identical with ISO/IEC 19792: 2009. The first revision of this standard has been undertaken to align it with the latest version of ISO/IEC 19792: 2025.

The main changes are as follows:

- the structure has been harmonized with general security evaluation methodology;
- the title has been changed from “Security evaluation of biometrics” to “General principles, requirements and guidance for security evaluation of biometric systems”, to align with the ISO/IEC 19989 series, the ISO/IEC 15408 series and the ISO/IEC 18045.

The text of ISO/IEC Standard will 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.

**Scope of ISO/IEC 19792: 2025 is as follow:**

“This document specifies general principles, requirements and guidance for a security evaluation of a biometric system.

This document provides an overview of the main biometric-specific aspects, i.e. recognition performance, presentation attack detection and privacy, and specifies principles to consider for the security evaluation of a biometric system.

This document does not address the non-biometric aspects which can form part of the overall security evaluation of a system using biometric technology (e.g. requirements on databases or communication channels).

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 19792: 2025 or kindly contact.

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