

~~DRAFT INTERNATIONAL STANDARD~~

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Information technology — ~~On-card biometric comparison~~

**Part 2 —
Work-sharing mechanism**

~~Technologies de l'information — Comparison — Comparaison~~ biométrique sur cartes

~~Partie 2: Mécanisme de partage du travail des tâches~~

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and security devices for personal identification*.

This first edition cancels and replaces ISO/IEC 24787:2018, which has been technically revised. ISO/IEC 24787 has been split into two parts, ISO/IEC 24787-1 and ISO/IEC 24787-2.

The main changes are as follows:

- Previous Clause 9 "Work-sharing on-card biometric comparison procedure" and other subclauses related to work-sharing have been moved into this document.

A list of all parts in the ISO/IEC 24787 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 and www.iec.ch/national-committees.

Introduction

On-card biometric comparison provides a more secure biometric verification method than one where a biometric comparison is carried out outside a secure cryptographic device. Storing biometric reference data in a secure integrated circuit card (ICC) means that the reference is not available at any external interface once it has been stored in the ICC, mitigating the risk of extraction and misuse by an unauthorized party.

ISO/IEC 7816-11 and ISO/IEC 19785-3 cover technologies for off-card and simple on-card biometric comparison. The ISO/IEC 17839 series covers biometric system-on-card.

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