INTERNATIONAL STANDARD

ISO/IEC 17839-2

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AMENDMENT 1
2021-05

Information technology — Biometric System-on-Card —

Part 2: Physical characteristics

AMENDMENT 1: Additional specifications for fingerprint biometric capture devices

Technologies de l'information — Système biométrique sur carte —

Partie 2: Caractéristiques physiques

AMENDEMENT 1: Spécifications supplémentaires pour les capteurs d'empreintes digitales

Reference number
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Part 2:
Physical characteristics

AMENDMENT 1: Additional specifications for fingerprint biometric capture devices

Clause 2

Add the following sentence at the end of the clause:

> A Biometric System-on-Card using an area fingerprint biometric capture device claiming compliance to this document, shall express the class defined in Table 1 in the compliance statement, e.g. ISO/IEC 17839-2 Class C.

Clause 4

Replace the text with the following:

> For the purposes of this document, the terms and definitions given in ISO/IEC 18328-2:2015, Annex A, ISO/IEC 17839-1, ISO/IEC 7810, ISO/IEC 2382-37 and the following apply.
>
> ISO and IEC maintain terminological databases for use in standardization at the following addresses:
>
> — ISO Online browsing platform: available at https://www.iso.org/obp
>
> — IEC Electropedia: available at http://www.electropedia.org/

Add new terminological entries as follows:

4.1
minutiae-based comparison algorithm
fingerprint biometric features comparison algorithm, which relies on evaluating fingerprint minutiae data, e.g. in the format defined in ISO/IEC 19794-2 or ISO/IEC 39794-2[1)]

4.2
hybrid comparison algorithm
fingerprint biometric comparison algorithm, which relies on evaluating fingerprint minutiae data (e.g. in the format defined in ISO/IEC 19794-2 or ISO/IEC 39794-2) and extended feature data, such as, for example, ridge count data, curvature, delta and core singular points or any other proprietary vendor-specific data

1) Under preparation. (Stage at the time of publication: ISO/IEC CD 39794-2:2021.)

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