

Conformance Test Suite for ISO/IEC 19794-4:2005 Implementations

The CTS is currently designed to test implementations of ISO/IEC 19794-4:2005 [1]. Level 1 and 2 tests for the mandatory and optional requirements are implemented¹.

The CTS has also been aligned with the associated Technical Corrigendum [2].

The CTS is also aligned with the associated conformance testing methodology (CTM) [3], and aligned to the associated Technical Corrigendum to the CTM [4].

Relevant Standards

1. ISO/IEC 19794-4: 2005 Information technology — Biometric data interchange formats — Part 4: Finger image data
2. ISO/IEC JTC 1/SC 37 N 4651 - Text of ISO/IEC 19794-4:2005 Corrigendum 1, Biometric data interchange formats - Part 4: Finger image data - Corrigendum 1
3. ISO/IEC 29109-4:2010 Information technology — Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794— Part 4: Finger image data
4. ISO/IEC JTC 1/SC 37 N 4650 - Text of ISO/IEC 29109-4:2010 Corrigendum 1, Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 Part 4: Finger image data Cor 1

¹ In Level 1 testing, an implementation is checked field-by-field, for conformance with the specification of the standard, both in terms of ranges, character types, encoding and cardinality. In Level 2 testing, an implementation is checked to determine if it is internally consistent. This is achieved by relating values from one or more fields or information items within an implementation to other values within the same implementation. Level 2 tests require more complex testing than Level 1, usually after the entire implementation has been parsed.