
**Information technology — Biometric data
interchange formats —**

**Part 9:
Vascular image data**

**AMENDMENT 1: Conformance testing
methodology**

*Technologies de l'information — Formats d'échange de données
biométriques —*

Partie 9: Données d'images vasculaires

AMENDEMENT 1: Méthodologie des essais de conformité





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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO/IEC 19794-9:2011 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 37, *Biometrics*.

Information technology — Biometric data interchange formats —

Part 9: Vascular image data

AMENDMENT 1: Conformance testing methodology

1. The following text is to be added to the "Introduction" clause of ISO/IEC 19794-9:

Annex A addresses the conformance testing to be used for interchange format defined in this part of ISO/IEC 19794. This Annex A is distinct from ISO/IEC 29109-9, which addressed conformance testing only of the first, 2007, edition of ISO/IEC 19794-9.

2. The following text is to be added to the "Scope" clause of ISO/IEC 19794-9:

This part of ISO/IEC 19794 also specifies elements of conformance testing methodology, test assertions, and test procedures as applicable to this part of ISO/IEC 19794. Specifically, it establishes

- test assertions of the structure of the vascular image data format as specified in Clause 8 of this part of ISO/IEC 19794 (Type A Level 1 as defined in ISO/IEC 19794-1:2011/Amd.1),
- test assertions of internal consistency by checking the types of values that may be contained within each field (Type A Level 2 as defined in ISO/IEC 19794-1:2011/Amd.1),
- tests of semantic assertions (Type A Level 3 as defined in ISO/IEC 19794-1:2011/Amd.1).

The conformance testing methodology specified in this part of ISO/IEC 19794 does not establish

- tests of other characteristics of biometric products or other types of testing of biometric products (e.g. acceptance, performance, robustness, security),
- tests of conformance of systems that do not produce data records conforming to the requirements of this part of ISO/IEC 19794.

3. The following text is to be added to the "Conformance" clause of ISO/IEC 19794-9:

Biometric data interchange format conformance tests conform to this part of ISO/IEC 19794 if they satisfy all of the normative requirements set forth in Clauses 6, 7, and 8. Specifically, they shall use the test methodology specified in ISO/IEC 19794-1:2011/Amd.1, and all Level 1, Level 2 and Level 3 tests shall use the assertions defined in Table A.1 of Clause A.2 in this part of ISO/IEC 19794.

Implementations of this part of ISO/IEC 19794 tested according to the specified methodology shall be able to claim conformance only to those biometric data record (BDB) requirements specified in this part of ISO/IEC 19794 that are tested by the test methods established by this methodology.

In consideration of the semantic specifics in different parts of ISO/IEC 19794, all Level 1, Level 2, and Level 3 tests shall use the assertions defined in Table A.2 of clause A.3 of this part of ISO/IEC 19794 in conformity with the concept and rules set in ISO/IEC 19794-1, Annex A.

4. Replace the current Annex A with the following new annex: