INTERNATIONAL STANDARD

ISO/IEC 7501-1

Second edition
1993-12-01

Identification cards — Machine readable travel documents —

Part 1:
Machine readable passport

Cartes d'identification — Documents de voyage lisibles par machine —
Partie 1: Passeport lisible par machine

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. 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.

International Standard ISO/IEC 7501-1 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Identification cards and related devices*.

This second edition cancels and replaces the first edition (ISO/IEC 7501-1) which has been technically revised.

ISO/IEC 7501 consists of the following parts, under the general title *Identification cards — Machine readable travel documents*:

— *Part 1: Machine readable passport*

— *Part 2: Machine readable visa*

Additional parts are currently under development for other related machine readable travel documents.

Identification cards — Machine readable travel documents —

Part 1:
Machine readable passport

The current edition of the following document is adopted as ISO/IEC International Standard 7501-1 : 1993:

> - International Civil Aviation Organization (ICAO), Doc 9303 Part 1 Machine Readable Passports, Section III, Technical Specifications.

This International Standard specifies the form and provides guidance on the construction of machine readable passports, *in particular in relation to the sections of the document containing details of the holder in a form which is both visible and machine readable.*

It is based on a standard established by the International Civil Aviation Organization Doc 9303 Part 1.

This International Standard is intended for use in all applications relating to machine readable passports.

ICAO Doc 9303 Part 1 is maintained by a Technical Advisory Group on Machine Readable Travel Documents (TAG/MRTD). ISO/IEC JTC1 has provided liaison during the TAG/MRTD meetings on Doc 9303 Part 1 and considered the technical specifications to which the endorsement notice applies.

Information on the TAG/MRTD for ICAO Doc 9303 Part 1 may be obtained on application to the Secretary General, International Civil Aviation Organization, 1000 Sherbrooke Street West, Montreal, Quebec, Canada H3A 2R2.

NOTE - Copies of ICAO Doc 9303 Part 1 may be obtained from the International Civil Aviation Organization, 1000 Sherbrooke Street West, Montreal, Quebec, Canada H3A 2R2.

Technical Specifications defined in Section III of ICAO Doc 9303 Part 1 refers to a number of International Standards. Specifically,

ISO 1073-2 : 1976, *Alphanumeric character sets for optical recognition - Part 2: Character set OCR-B - Shapes and dimensions of the printed image.*

ISO 1831 : 1980, *Printing specifications for optical character recognition.*

ISO/IEC 7810 : 1985, *Identification cards - Physical characteristics.*

ISO 8601 : 1988, *Data elements and interchange formats - Information interchange - Representation of dates and times.*

ISO 3166 : 1988, *Codes for the representation of names of countries.*

Additional information

This International Standard does not adopt Sections I and II, or attachments A and B of ICAO Doc 9303 Part 1.

Section I is *"Introduction"*
Section II is *"General Considerations"*
Attachment A is information on material and production methods.
Attachment B is historical background to the development of the machine readable passport.

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