SLOVENSKI STANDARD
SIST EN ISO/IEC 19762-1:2012

01-junij-2012

Informacijska tehnologija - Tehnike za samodejno razpoznavanje in zajem podatkov (AIDC) - Harmoniziran slovar - 1. del: Splošni izrazi za AIDC (ISO/IEC 19762-1:2008)

Information technology - Automatic identification and data capture (AIDC) techniques -- Harmonized vocabulary - Part 1: General terms relating to AIDC (ISO/IEC 19762-1:2008)

Informationstechnik - Automatische Identifikation und Datenerfassungsverfahren (AIDC) - Harmonisiertes Vokabular - Teil 1: Allgemeine Termini mit Bezug zu AIDC (ISO/IEC 19762-1:2008)

Technologies de l'information - Techniques automatiques d'identification et de saisie de données (AIDC) - Vocabulaire harmonisé - Partie 1: Termes généraux relatifs à l'AIDC (ISO/IEC 19762-1:2008)

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35.040	Nabori znakov in kodiranje informacij	Character sets and information coding

SIST EN ISO/IEC 19762-1:2012   **en,fr,de**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 19762-1

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English Version

Information technology - Automatic identification and data capture (AIDC) techniques - Harmonized vocabulary - Part 1: General terms relating to AIDC (ISO/IEC 19762-1:2008)

Technologies de l'information - Techniques automatiques d'identification et de saisie de données (AIDC) - Vocabulaire harmonisé - Partie 1: Termes généraux relatifs à l'AIDC (ISO/IEC 19762-1:2008)

Informationstechnik - Automatische Identifikation und Datenerfassungsverfahren (AIDC) - Harmonisiertes Vokabular - Teil 1: Allgemeine Termini mit Bezug zu AIDC (ISO/IEC 19762-1:2008)

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EN ISO/IEC 19762-1:2012 (E)

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Foreword

The text of ISO/IEC 19762-1:2008 has been prepared by Technical Committee ISO/IEC JTC/TC 1 "Information technology" of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) and has been taken over as EN ISO/IEC 19762-1:2012 by Technical Committee CEN/TC 225 "AIDC technologies" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

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INTERNATIONAL STANDARD

ISO/IEC 19762-1

Second edition
2008-06-15

Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary —

Part 1:
General terms relating to AIDC

Technologies de l'information — Techniques automatiques d'identification et de saisie de données (AIDC) — Vocabulaire harmonisé —

Partie 1: Termes généraux relatifs à l'AIDC

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ISO/IEC 19762-1:2008(E)

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ISO/IEC 19762-1:2008(E)

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.

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.

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ISO/IEC 19762-1 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 31, *Automatic identification and data capture techniques*.

This second edition cancels and replaces the first edition (ISO/IEC 19762-1:2005), which has been technically revised.

ISO/IEC 19762 consists of the following parts, under the general title *Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary*:

⎯ *Part 1: General terms relating to AIDC*

⎯ *Part 2: Optically readable media (ORM)*

⎯ *Part 3: Radio frequency identification (RFID)*

⎯ *Part 4: General terms relating to radio communications*

⎯ *Part 5: Locating systems*

Introduction

ISO/IEC 19762 is intended to facilitate international communication in information technology, specifically in the area of automatic identification and data capture (AIDC) techniques. It provides a listing of terms and definitions used across multiple AIDC techniques.

Abbreviations used within each part of ISO/IEC 19762 and an index of all definitions used within each part of ISO/IEC 19762 are found at the end of the relevant part.

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INTERNATIONAL STANDARD ISO/IEC 19762-1:2008(E)

Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary —

Part 1:
General terms relating to AIDC

1 Scope

This part of ISO/IEC 19762 provides general terms and definitions in the area of automatic identification and data capture techniques on which are based further specialized sections in various technical fields, as well as the essential terms to be used by non-specialist users in communication with specialists in automatic identification and data capture techniques.

2 Classification of entries

The numbering system employed within ISO/IEC 19762 is in the format nn.nn.nnn, in which the first two numbers (**nn**.nn.nnn) represent the "Top Level" reflecting whether the term is related to 01 = common to all AIDC techniques, 02 = common to all optically readable media, 03 = linear bar code symbols, 04 = two-dimensional symbols, 05 = radio frequency identification, 06 = general terms relating to radio, 07 = real time locating systems, and 08 = MIIM. The second two numbers (nn.**nn**.nnn) represent the "Mid Level" reflecting whether the term is related to 01 = basic concepts/data, 02 = technical features, 03 = symbology, 04 = hardware, and 05 = applications. The third two or three numbers (nn.nn.**nnn**) represent the "Fine" reflecting a sequence of terms.

The numbering in this part of ISO/IEC 19762 employs "Top Level" numbers (nn.nn.nnn) of 01.

3 Terms and definitions

01.01.01
data
reinterpretable representation of information in a formalized manner suitable for communication, interpretation, or processing

cf. **information**

[ISO/IEC 2382-1:1993, 01.01.02]

NOTE 1   **Data** can be processed by humans or by automatic means.

NOTE 2   **Data** can be in the form of numbers and characters for example, to which meaning may be ascribed.

01.01.02
information
⟨information processing⟩ knowledge concerning objects that within a certain context has a particular meaning

NOTE 1   Facts, events, things, processes, and ideas, including concepts, are examples of objects.