



BSI Standards Publication

Information technology — Automatic identification and data capture techniques — Unique identification

Part 4: Individual products and product packages

National foreword

This British Standard is the UK implementation of ISO/IEC 15459-4:2014. It supersedes BS ISO/IEC 15459-4:2006, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee IST/34, Automatic identification and data capture techniques.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Published by BSI Standards Limited 2018

ISBN 978 0 539 01712 0

ICS 35.040.50

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2014.

Amendments/corrigenda issued since publication

Date	Text affected
31 July 2018	Implementation of ISO corrected text 1 September 2016: see ISO Foreword for details

INTERNATIONAL STANDARD

ISO/IEC 15459-4

Third edition
2014-11-15

Information technology — Automatic identification and data capture techniques — Unique identification —

Part 4: Individual products and product packages

*Technologies de l'information — Identification automatique et
techniques de capture de données — Identification unique —*

Partie 4: Articles individuels et paquetages d'article



Reference number
ISO/IEC 15459-4:2014(E)

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/IEC JTC 1, *Information technology*; Subcommittee SC 31, *Automatic identification and data capture techniques*.

This third edition cancels and replaces the second edition (ISO/IEC 15459-4:2008), which has been technically revised.

This corrected version of ISO/IEC 15459-4:2014 incorporates the following correction plus other minor editorial modifications. Clause 5.3 has been modified as follows:

“5.3 Permissible character sets in an identity

The identity shall use alphabetic, numeric and special characters from the invariant character set ISO/IEC 646, see Annex A in ISO/IEC 15459-3.

More compact data encoding may be attained by using only upper case alphabetic characters and numeric digits.

An Issuing Agency may have additional requirements on the repertoire of characters found within identities using its IAC.

Any data processing system shall be capable of processing identities using the full repertoire of characters permitted by ISO/IEC 646.”

A list of all parts in the ISO/IEC 15459 series can be found on the ISO website.