

Australian Standard[®]

**Information technology—EAN/UCC
Application Identifiers and Fact Data
Identifiers and Maintenance**

STANDARDS
Australia



This Australian Standard® was prepared by Committee IT-034, Automatic Identification and Data Capture Techniques. It was approved on behalf of the Council of Standards Australia on 15 November 2006.

This Standard was published on 27 December 2006.

The following are represented on Committee IT-034:

- Australian Custom Service
 - Australian Data Capture Association
 - Australian Electrical and Electronic Manufacturers Association
 - Australian Retailers Association
 - Australian Veterinary Association
 - Department of Communications, Information Technology and the Arts
 - Department of Defence
 - Department of Primary Industries, Vic
 - RFID Association of Australia
 - The University of Adelaide
 - GS1
-

This Standard was issued in draft form for comment as DR 06532.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment received.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting www.standards.org.au

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

Australian Standard[®]

**Information technology—EAN/UCC
Application Identifiers and Fact Data
Identifiers and Maintenance**

First published as AS ISO/IEC 15418—2006.

COPYRIGHT

© Standards Australia

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 7934 4

PREFACE

This Standard was prepared by the Standards Australia Committee IT-034, Automatic Identification and Data Capture Techniques.

The objective of this Standard is to provide specific sets of Data and Application Identifiers for the purpose of identifying encoded data and to identify the organisations responsible for their maintenance.

This Standard is identical with, and has been reproduced from ISO/IEC 15418:1999, *Information technology—EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance*.

As this Standard is reproduced from an international standard, the following applies:

- (a) Its number appears on the cover and title page while the international standard number appears only on the cover.
- (b) In the source text 'this International Standard' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

The normative references listed in Clause 2 have not been adopted as Australian Standards.

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

CONTENTS

	<i>Page</i>
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Data and Application Identifier Sets	1
4.1 EAN/UCC Application Identifiers	1
4.2 FACT Data Identifiers	2
5 Maintenance	2
5.1 EAN/UCC Application Identifiers	2
5.2 FACT Data Identifiers	2
Annex A (informative) User guidance	4

Currently in preview, click buy full version

AUSTRALIAN STANDARD

Information technology — EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance**1 Scope**

This International Standard:

- specifies sets of Data and Application Identifiers for the purpose of identifying encoded data;
- identifies the organisations responsible for their maintenance.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ANSI MH10.8.2, *Data Application Identifier Standard.*
CEN EN 1556, *Bar coding – Terminology.*

3 Definitions

For the purposes of this International Standard, the definitions given in CEN EN 1556 apply.

4 Data and Application Identifier Sets

Where appropriate, information encoded shall be identified in accordance with one of the following sets of identifiers:

- a) EAN/UCC Application Identifiers
- b) FACT Data Identifiers

4.1 EAN/UCC Application Identifiers

The EAN/UCC item identification system and related encodation standard are complemented by the EAN/UCC maintained Application Identifier, hereafter referred to as “EAN/UCC Application Identifiers” (EAN/UCC AIs). This International Standard comprises two principal elements which are the key to any encoding system: the data content and the data carrier.

The use of EAN/UCC AIs is subject to the rules established by EAN and UCC.

EAN/UCC AIs identify generic and simple data fields for use in cross sectorial and international supply chain applications. The General EAN/UCC Specifications provide rules for the definition, format and structure of the data fields.

Each EAN/UCC AI consists of two or more characters. The first two digits determine the length of the AI. A list of two digit codes indicating the predefined length of existing and future AIs and their data fields is available from the Application Identifier Maintenance Body specified in clause 5.