

Australian Standard™

**Identification cards—Integrated
circuit(s) cards with contacts—
Numbering system and registration
procedure for application identifiers**



Standards Australia

This Australian Standard was prepared by Committee IT-012, Information Systems, Security and Identification Technology. It was approved on behalf of the Council of Standards Australia on 4 May 2001 and published on 19 June 2001.

The following interests are represented on Committee IT-012:

Attorney General's Department
Australia Post
Australian Association of Permanent Building Societies
Australian Bankers Association
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Consumers Federation of Australia
Department of Social Welfare, New Zealand
Government Communications Security Bureau, New Zealand
N.S.W. Police Service
New Zealand Defence Force
Reserve Bank of Australia

Keeping Standards up-to-date

Standards are living documents which 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 Standards may also be withdrawn.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 the current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Australia web site at www.standards.com.au and looking up the relevant Standard in the online catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Australian Standard*, has a full listing of revisions and amendments published each month.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.com.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

Australian Standard™

**Identification cards—Integrated
circuit(s) cards with contacts—
Numbering system and registration
procedure for application identifiers**

First published as AS 4954—2001.

COPYRIGHT

© Standards Australia International

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 International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 3917 2

PREFACE

This Standard was prepared by the Standards Australia Committee IT-012, Information Systems, Security and Identification Technology. In the course of preparation this Standard has incorporated relevant materials from ISO-IEC 7816-5, *Identification cards—Integrated circuit(s) cards with contact, Part 5: Numbering system and registration procedures for application identifiers*.

Committee IT-012 acknowledges the work that Subcommittee IT-012-02, IC Cards, put into the development of this Australian Standard.

The objective of this Standard is to specify a national numbering system for application identifiers and a registration procedure for application provider identifiers.

The numbering system described in this Standard provides a means for an application and related services offered by a provider to identify if a given card contains the elements required by its application and related services.

The normative appendices Appendix A and Appendix B form an integral part of this Standard.

CONTENTS

	<i>Page</i>
FOREWORD	4
1 SCOPE	5
2 APPLICATION	5
3 REFERENCED DOCUMENTS	5
4 DEFINITIONS AND ABBREVIATIONS	6
5 DATA ELEMENTS FOR APPLICATION IDENTIFICATION AND SELECTION	7
6 CODING OF THE DATA ELEMENTS	7
7 USE OF THE DATA ELEMENTS	11
8 REGISTRATION OF IDENTIFIERS	12
 APPENDICES	
A REQUEST REGISTRATION FORM FOR A REGISTERED APPLICATION PROVIDER IDENTIFIER	18
B AUSTRALIAN NUMBERING SYSTEMS AND REGISTRATION PROCEDURE FOR APPLICATION IDENTIFIERS USED IN INTEGRATED CIRCUIT(S) CARDS	20

FOREWORD

This document is based on International Standard ISO/IEC 7816-5 which was originally prepared by Joint Technical Committee ISO/IEC JTC 1, Information technology, Subcommittee SC17, Identification cards and related devices.

The ISO/IEC 7816 series of documents consists of the following parts, under the general title, Identification cards— Integrated circuit(s) cards with contacts:

Part 1: Physical characteristics

Part 2: Dimensions and location of the contacts

Part 3: Electronic signals and transmission protocols

Part 4: Interindustry commands for interchange

Part 5: Numbering system and registration procedure for application identifiers

STANDARDS AUSTRALIA

Australian Standard

Identification cards—Integrated circuit(s) cards with contacts— Numbering system and registration procedure for application identifiers

1 SCOPE

This Standard specifies an international numbering system for application identifiers and a registration procedure for application provider identifiers.

The numbering system described provides a means for an application and related services offered by a provider to identify if a given card contains the elements required by its application and related services. An application identifier (AID) is used to address an application in the card.

This Standard specifies the coding of application identifiers together with means and mechanisms for addressing application parts in cards.

Further it establishes a national authority and procedures to ensure and optimise the reliability of the corresponding registration.

2 APPLICATION

This Standard is applicable throughout Australia.

If it is contemplated that the application may be required for use inside Australia only, a request for an identification number should be made in accordance with Appendix B.

3 REFERENCED DOCUMENTS

The following International Standards are referenced in this Standard:

ISO

3166 Codes for the representation of names of countries and their subdivisions

ISO/IEC

7812 Identification cards—Identification of issuers

7816 Identification cards—Integrated circuit(s) cards with contacts

7816-1 Part 1: Physical characteristics

7816-3 Part 3: Electronic signals and transmission protocols

7816-4 Part 4: Interindustry commands for interchange

7816-5 Part 5: Numbering systems and registration procedure for application identifiers

8824 Information technology—Abstract Syntax Notation One (ASN.1)

8825 Information technology—Open Systems Interconnection—Specification of basic encoding rules for Abstract Syntax Notation One (ASN.1)