Australian Standard™

Information technology—Multimedia framework (MPEG-21)

Part 5: Rights Expression Language



This Australian Standard was prepared by Committee IT-029, Coded Representation of Picture, Audio and Multimedia/Hypermedia Information. It was approved on behalf of the Council of Standards Australia on 14 May 2004. This Standard was published on 19 July 2004.

The following are represented on Committee IT-029:

Australian Broadcasting Corporation
Australian Consumer Association
Australian Subscription Television
Commercial Television Australia
CSIRO Information and Communication Technology Centre
DSTC
Department of Defence (Australia)
The University of New South Wales
University of Sydney Australian Broadcasting Authority
University of Wollongong
Victoria University of Technology

### 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 Standards may also be withdrawn.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 a 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 Web Shop at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

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

Australian Standards $^{\text{TM}}$  and other products and services developed by Standards Australia are published and distributed under contract by SAI Global, which operates the Standards Web Shop.

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.org.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

AS ISO/IEC 21000.5-2004

## Australian Standard™

# Information technology—Multimedia framework (MPEG-21)

Part 5: Rights Expression Language

First published as AS ISO/IEC 21000.5—2004.

### **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 6117 8

#### **PREFACE**

This Standard was prepared by the Standards Australia Committee IT-029, Coded Representation of Picture, Audio and Multimedia/Hypermedia Information.

This Standard is identical with, and has been reproduced from ISO/IEC 21000-5:2004, Information technology—Multimedia framework (MPEG-21), Part 5: Rights Expression Language.

The objective of this Standard is to define an authorization model to specify whether the semantics of a set of Rights Expression permit a given Principal to perform a given Right upon a given optional Resource during a given time interval based on a given authorization context and a given trust root.

This Standard is Part 5 of AS ISO/IEC 21000, *Information technology—Multimedia framework* (MPEG-21), which is published in parts as follows:

Part 2: Digital Item Declaration

Part 3: Digital Item Identification

Part 5: Rights Expression Language (this Standard)

The terms 'normative' and 'informative' are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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 part of ISO/IEC 21000' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

| Reference to International Standard |   | Australian Standard |   |  |
|-------------------------------------|---|---------------------|---|--|
| ISO                                 |   | AS/NZS              |   |  |
| 3166                                | Codes for the representation of names of countries and their subdivisions | 2632                | Codes for the representation of names of countries and their subdivisions |  |
| 3166-1                              | Part 1: Country codes   | 2632.1              | Part 1: Country codes   |  |
| 3166-2                              | Part 2: Country subdivision code  | 2632.2              | Part 2: Country subdivision code  |  |
| 3166-3                              | Part 3: Codes for formerly used names of countries                        | 2632.3              | Part 3: Codes for formerly used names of countries                        |  |
| 4217                                | Codes for the representation of currencies and funds                      | 3759                | Codes for the representation of currencies and funds                      |  |

| ISO/IEC |   | AS/NZS  |   |  |  |
|---------|---|---------|---|--|--|
| 9548    | Information technology—Open<br>Systems Interconnection—The<br>Directory | 4019    | Information technology—Open<br>Systems Interconnection—The<br>Directory             |  |  |
| 9594-8  | Part 8: Public-key and attribute certificate frameworks                 | 4019.8  | Part 8: Authentication framework  |  |  |
| 10021   | Information technology—Message<br>Handling Systems (MHS)                | 4033    | Information technology—Text communication—Message oriented text interchange systems |  |  |
| 10021-2 | Part 2: Overall architecture  | 4033.2  | Part 2: Overall architecture  |  |  |
| ISO/IEC | IEC   |         | AS ISO/IEC  |  |  |
| 21000   | Information technology—Multimedia framework (MPEG-21)                   | 21000   | Information technology—Multimedia framework (MPEG-21)                               |  |  |
| 21000-2 | Part 2: Digital Item Declaration  | 21000.2 | Part 2: Digital Item Declaration  |  |  |
| 21000-3 | Part 3: Digital Item Identification                                     | 21000.3 | Part 3: Digital Item Identification   |  |  |

Please note patent statements in Annex K. Standards Australia as a member of ISO and IEC shall not be held responsible for identifying any or all such patent rights.



|  | This is a free preview. | Purchase the e | entire publication | at the link below: |
|--|-------------------------|----------------|--------------------|--------------------|
|--|-------------------------|----------------|--------------------|--------------------|

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation