
**Information technology — Multimedia
application format (MPEG-A) —**

Part 6:

Professional archival application format

**AMENDMENT 1: Conformance and
reference software for professional archival
application format**

*Technologies de l'information — Format pour application multimédia
(MPEG-A) —*

Partie 6: Format pour application d'archivage professionnel

*AMENDEMENT 1: Conformité et logiciel de référence pour format pour
application d'archivage professionnel*

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO/IEC 23000-6:2009 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Information technology — Multimedia application format (MPEG-A) —

Part 6: Professional archival application format

AMENDMENT 1: Conformance and reference software for professional archival application format

Replace Clause 10 with the following:

10 Conformance points and conformant files

10.1 Conformance Points

PA-AF defines five conformance points. They are:

- Conformance point 1 provides basic packaging functionality. A PA-AF file that conforms to this conformance point must have `minor_version` value “paf1” in its `ftyp` box. The implementation that conforms to this conformance point shall implement:
 - MPEG-21 File Format for PA-AF
 - MPEG-21 DIDL 2nd Edition Profile for PA-AF
 - ISO/IEC 21000-3:2003
 - MPEG-7 Creation Information
- Conformance point 2 provides a capability to describe data protection, data compression, and data integrity checking in addition to the basic packaging functionality. A PA-AF file that conforms to this conformance point must have `minor_version` value “paf2” in its `ftyp` box. The implementation that conforms to this conformance point shall implement:
 - All components in conformance point 1
 - MPEG-21 IPMP Components Base Profile for PA-AF
- Conformance point 3 provides a capability to describe governance on the usage of PA-AF file in addition to the basic packaging functionality. A PA-AF file that conforms to this conformance point must have `minor_version` value “paf3” in its `ftyp` box. The implementation that conforms to this conformance point shall implement:
 - All components in conformance point 1
 - ISO/IEC 21000-5:2004/Amd.1:2007