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BS ISO 16363:2012



BSI Standards Publication

Space data and information transfer systems — Audit and certification of trustworthy digital repositories

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This British Standard is the UK implementation of ISO 16363:2012.

The UK participation in its preparation was entrusted to Technical Committee ACE/68/-/7, Space systems and operations - Space data and information transfer systems.

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

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Space data and information transfer systems — Audit and certification of trustworthy digital repositories

Systèmes de transfert des informations et données spatiales — Audit et certification des référentiels numériques de confiance



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Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member 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 shall not be held responsible for identifying any or all such patent rights.

ISO 16363 was prepared by the Consultative Committee for Space Data Systems (CCSDS) (as CCSDS 652.0-M-1, September 2011) and was adopted (without modifications except those stated in Clause 2 of this International Standard) by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 13, *Space data and information transfer systems*.

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1 Scope

This International Standard defines a recommended practice for assessing the trustworthiness of digital repositories. It is applicable to the entire range of digital repositories. This International Standard can be used as a basis for certification.

The scope and field of application are furthermore detailed in subclauses 1.1 and 1.2 of the enclosed CCSDS publication.

2 Requirements

Requirements are the technical recommendations made in the following publication (reproduced on the following pages), which is adopted as an International Standard:

CCSDS 652.0-M-1, September 2011, *Audit and certification of trustworthy digital repositories*

For the purposes of international standardization, the modifications outlined below shall apply to the specific clauses and paragraphs of publication CCSDS 652.0-M-1.

Pages i to v

This part is information which is relevant to the CCSDS publication only.

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Add the following information to the reference indicated:

[1] Document CCSDS 650.0-B-1, January 2002, is equivalent to ISO 14721:2003.

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Add the following information to the reference indicated:

[B5] Document CCSDS 661.0-B-1, September 2008, is equivalent to ISO 13527:2010.

[B6] Document CCSDS 644.0-B-3, June 2010, is equivalent to ISO 15889:2011.

[B7] Document CCSDS 647.1-B-1, June 2001, is equivalent to ISO 21961:2003.

3 Revision of publication CCSDS 652.0-M-1

It has been agreed with the Consultative Committee for Space Data Systems that Subcommittee ISO/TC 20/SC 13 will be consulted in the event of any revision or amendment of publication CCSDS 652.0-M-1. To this end, NASA will act as a liaison body between CCSDS and ISO.