SLOVENSKI STANDARD
SIST EN 9300-015:2014

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Aeronavtika - LOTAR - Dolgotrajno arhiviranje in iskanje digitalne tehnične dokumentacije o izdelkih, kot so podatki o 3D, CAD in PDM - 015. del: Opis referenčnega procesa "Brisanje"

Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 015: Reference process description "Removal"

Luft- und Raumfahrt - LOTAR - Langzeitarchivierung und Bereitstellung digitaler technischer Produktdokumentationen, beispielsweise 3D, CAD und PDM Daten - Teil 015: Referenzprozessbescheibung "Löschen"

Série aérospatiale - LOTAR - Archivage Long Terme et récupération des données techniques produits numériques, telles que CAD, 3D et PDM - Partie 015: Description du processus de référence "Suppression"

Ta slovenski standard je istoveten z: EN 9300-015:2013

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35.240.30	Uporabniške rešitve IT v informatiki, dokumentiranju in založništvu	IT applications in information, documentation and publishing
49.020	Letala in vesoljska vozila na splošno	Aircraft and space vehicles in general

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This European Standard was approved by CEN on 24 November 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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Foreword

This document (EN 9300-015:2013) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2013, and conflicting national standards shall be withdrawn at the latest by July 2013.

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

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This European Standard was prepared jointly by ASD-STAN and the PROSTEP iViP Association.

The PROSTEP iViP Association is an international non-profit association in Europe. For establishing leadership in IT-based engineering it offers a moderated platform to its nearly 200 members from leading industries, system vendors and research institutions. Its product and process data standardization activities at European and worldwide levels are well known and accepted. The PROSTEP iViP Association sees this standard and the related parts as a milestone of product data technology.

Users should note that all standards undergo revision from time to time and that any reference made herein to any other standard implies its latest edition, unless otherwise stated.

1 Scope

This European Standard provides a detailed description for the recommended process of deletion of the AIP, within the archive as overviewed in EN 9300-010.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 9300-003, *Aerospace series — LOTAR — LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data — Part 003: Fundamentals and concepts*

EN 9300-007, *Aerospace series — LOTAR — LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data — Part 007: Terms and References* [1)]

EN 9300-010, *Aerospace series — LOTAR — LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data — Part 010: Overview Data Flow* [1)]

ISO 14721:2003, *Space data and information transfer systems — Open archival information system — Reference model [OAIS]*

3 Terms, definitions and abbreviations

For the purposes of this document, the terms, definitions and abbreviations given in EN 9300-007 shall apply.

4 Applicability

This EN 9300-015 is applicable to new 3-D product data records and may be applicable to existing 3D product data records, on current and earlier products, produced using previous regulations, standards and procedures. The current version is focused on product data as defined in the domain specific parts.

1) Published as ASD-STAN Prestandard at the date of publication of this standard (www.asd-stan.org).

5 Removal

See Figure 1.

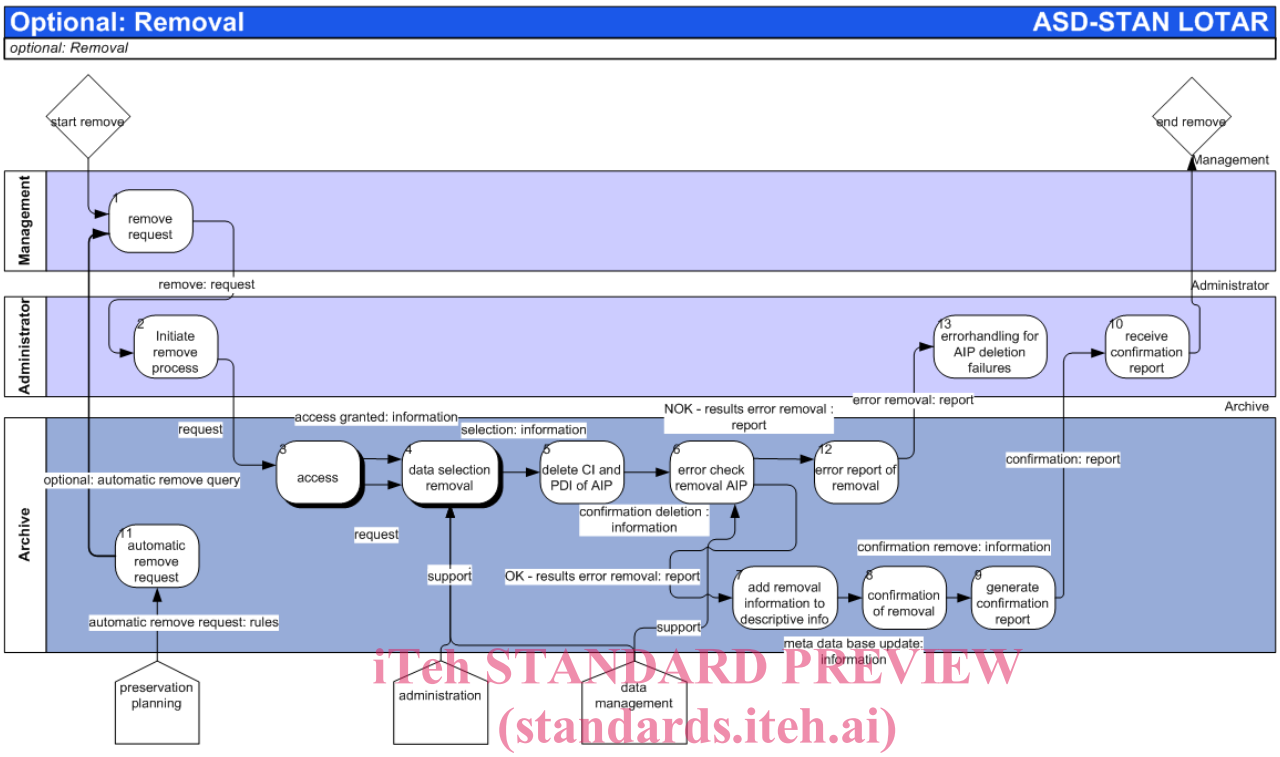

Figure 1 — Removal – Overview

The data removal can be initiated either by the rules management/administrator or an automatic request generated by the archive. The removal can be performed in two ways:

— deletion of relevant data, or

— outsourcing of data into a e.g. (technical) museum, which does not obey the terms and conditions of a long term archive.

The process includes an access control functionality for security reasons and a data selection functionality for the manual selection. The Content Information of the AIP will be deleted form the archive, but the deletion information remains within the archives meta data. The remove process checks afterwards the correct data deletion and provides a status report. Because of the fact that data shall be stored permanently, every company has to decide if a removal process of data should be implemented.

Inappropriate Removal of data may cause difficulties in data path traceability. Caution should be exercised before any data removal is authorised and carried out.

The process steps #5 'delete CI and PDI of AIP' and #6 'error check removal AIP' are integrated for process modelling (completeness) reasons.

6 Detailed process steps description

6.1 General

Input and output data described in this standard represent the minimal requirements for the fulfilment of the process steps. Additional data may be added, but must match at a minimum the requirements for the information package. (See EN 9300-003, Section 5.3.2.1 “Definition of the core model”).

6.2 Removal request

The management should decide on the length of retention periods and should confirm the removal requirements. If data is declared as removable, the management initiates a removal request for the archive.

Input data:

— Automatic removal query (optional)

Output data:

— Removal request

6.3 Initiate removal process

The administrator has to initiate the removal process after getting the management notification of the removal of defined information.

Input data:

— Removal request

Output data:

— Request

6.4 Access

The Archive centrally supervises the access rights for each role. The supervision checks if the role has the access rights for triggered queries.

Input data:

— Removal request

Output data:

— Access granted information

— Request

6.5 Data selection removal

The Archive provides functions to search for the requested data. This includes the verification of access rights and methods of filtering the selection, according to access rights. Before removing data, a check should be made to identify any dependent data. The removal should terminate if related data is present. Removal should also be denied if such a removal breaks data continuity from an audit point of view.