

**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**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 9300-003:2012 sisaldab Euroopa standardi EN 9300-003:2012 ingliskeelset teksti.	This Estonian standard EVS-EN 9300-003:2012 consists of the English text of the European standard EN 9300-003:2012.
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English Version

**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**

Série aérospatiale - LOTAR - Archivage long terme et
récupération des données techniques produits numériques,
telles que CAD et PDM - Partie 003: Fondamentaux et
concepts

Luft- und Raumfahrt - LOTAR - Langzeit-Archivierung und -
Bereitstellung digitaler technischer
Produktdokumentationen, wie zum Beispiel von 3D-, CAD-
und PDM-Daten - Teil 003: Grundlagen und Konzepte

This European Standard was approved by CEN on 10 March 2011.

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Foreword

This document (EN 9300-003:2012) 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of an identical text or by endorsement, at the latest by March 2013, and conflicting national standards shall be withdrawn at the latest by March 2013.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.

This 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.

According to the CEN/CENELEC Internal Regulations, the national standards organizations 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.

1 Scope

This European Standard defines basic terms, e.g. *Long Term Archiving* and *Retention* and identifies the context and scope of EN 9300. The section *Fundamentals* describes the basic concepts and approaches of EN 9300 and referenced related standards.

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 9103, *Aerospace series — Quality management systems — Variation management of key characteristics*

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⁾

ISO 10303-203:1994 and Edition 2 draft, *Industrial automation systems and integration — Product data representation and exchange — Part 203: Application protocol: Configuration controlled 3D designs of mechanical parts and assemblies*

ISO 10303-209:2001, *Industrial automation systems and integration — Product data representation and exchange — Part 209: Application protocol: Composite and metallic structural analysis and related design*

ISO 10303-210:2001, *Industrial automation systems and integration — Product data representation and exchange — Part 210: Application protocol: Electronic assembly, interconnection, and packaging design*

ISO 10303-212:2001, *Industrial automation systems and integration — Product data representation and exchange — Part 212: Application protocol: Electrotechnical design and installation*

ISO 10303-214:2001 and ISO 10303-214:2003, *Industrial automation systems and integration — Product data representation and exchange — Part 214: Application protocol: Core data for automotive mechanical design processes*

ISO/DIS 10303-233, *Industrial automation systems and integration — Product data representation and exchange — Part 233: Systems engineering data representation*¹⁾

ISO 10303-237, *Industrial automation systems and integration — Product data representation and exchange — Part 237, Application protocol: Fluid dynamics*¹⁾

ISO 14721, *Space data and information transfer systems — Open archival information system — Reference model*

ARP9034, *A Process Standard for the Storage, Retrieval and Use of Three-Dimensional Type Design Data*

BP 0008, *Code of Practice for Legal Admissibility and Evidential Weight of Information Stored electronically*

* And all parts quoted in this standard.

1) In preparation at the date of publication of this standard.