

# E DIN EN 9300-002:2025-12 (E)

Erscheinungsdatum: 2025-11-21

Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 002: Requirements; English version prEN 9300-002:2025

---

## Contents

Page

|  |    |
|--|----|
| European foreword .....  | 3  |
| Introduction .....   | 4  |
| 1.1 In scope .....   | 5  |
| 1.2 Out of scope .....   | 5  |
| 5.1 General .....  | 6  |
| 6.1 Principal Requirements .....                                     | 8  |
| 6.2 User Acceptance Requirements (AC) .....                          | 8  |
| 6.3 Legal Demand Requirements (LD) .....                             | 9  |
| 6.4 Security and Integrity Requirements (SI) .....                   | 9  |
| 6.5 Certification and Qualification Requirements .....               | 11 |
| 6.6 Contractual Requirements .....                                   | 11 |
| 6.7 Requirements Refinement .....                                    | 12 |
| 7.1 The Open Archive Information System (OAIS) Reference Model ..... | 12 |
| 7.2 Product Data Archiving using the OAIS Model .....                | 12 |
| 7.3 General requirements .....                                       | 13 |
| 7.4 Data Preparation (LOTAR) .....                                   | 14 |
| 7.5 Ingest .....   | 14 |
| 7.6 Archival Storage .....   | 15 |
| 7.7 Data Management .....  | 16 |
| 7.8 Administration .....   | 20 |
| 7.9 Preservation Planning .....                                      | 21 |
| 7.10 Data Access .....   | 23 |
| Annex A (informative) OAIS Data Flow .....                           | 25 |
| A.1 General .....  | 25 |
| A.2 Data Flow Diagram .....  | 25 |
| A.3 Ingest Diagram .....   | 26 |
| A.4 Archival storage diagram .....                                   | 27 |
| A.5 Data Management diagram .....                                    | 28 |
| A.6 Administration diagram .....                                     | 30 |
| A.7 Preservation Planning diagram .....                              | 31 |
| A.8 Access diagram .....   | 32 |
| Bibliography .....   | 34 |