

E DIN EN 18235-2:2026-02 (E)

Erscheinungsdatum: 2026-01-09

Trusted Data Transactions - Part 2: Trustworthiness requirements; English version prEN 18235-2:2025

| Contents | | Page |
|-------------------------|---|------|
| European Foreword | | 4 |
| Introduction..... | | 5 |
| 1 | Scope..... | 6 |
| 2 | Normative references | 6 |
| 3 | Terms and definitions..... | 6 |
| 3.1 | General..... | 6 |
| 3.2 | Trust | 6 |
| 3.3 | Data sharing..... | 7 |
| 4 | Principles for trusted data transactions..... | 8 |
| 4.1 | Introduction | 8 |
| 4.2 | Phases of a data transaction | 8 |
| 4.3 | Data rights | 8 |
| 4.4 | Data product | 9 |
| 4.5 | Data quality | 9 |
| 4.6 | Data provenance and data lineage..... | 9 |
| 4.7 | Observability and traceability of data transactions..... | 9 |
| 4.8 | Data spaces..... | 10 |
| 4.9 | Interoperability across data spaces | 10 |
| 4.10 | Trust frameworks | 10 |
| 4.11 | Trust policy dimensions..... | 11 |
| 5 | Trustworthiness requirements | 11 |
| 5.1 | Introduction | 11 |
| 5.2 | General requirements..... | 11 |
| 5.2.1 | Overview | 11 |
| 5.2.2 | Identification of participants..... | 12 |
| 5.2.3 | Policies, claims and evidence | 12 |
| 5.2.4 | Operational and legal aspects of policies, claims and evidence..... | 13 |
| 5.2.5 | Trust frameworks | 13 |
| 5.2.6 | Data spaces..... | 14 |
| 5.3 | Grant rights | 14 |
| 5.3.1 | Overview | 14 |
| 5.3.2 | Claims of granted data rights..... | 14 |
| 5.4 | Publication..... | 15 |
| 5.4.1 | Overview | 15 |
| 5.4.2 | Verification of publication rights | 15 |
| 5.4.3 | Catalogue metadata of the data product..... | 15 |
| 5.4.4 | Data catalogue requirements..... | 16 |
| 5.5 | Discovery..... | 17 |
| 5.5.1 | Overview | 17 |
| 5.5.2 | Verification of rights and access control..... | 17 |
| 5.5.3 | Discovery service requirements..... | 17 |
| 5.5.4 | Discovery service recommended features..... | 17 |
| 5.6 | Negotiation | 18 |
| 5.6.1 | Overview | 18 |
| 5.6.2 | Claims on delegated rights | 18 |

| | | |
|--|--|-----------|
| 5.6.3 | Recording of the data usage contract..... | 18 |
| 5.7 | Data sharing..... | 18 |
| 5.7.1 | Overview | 18 |
| 5.7.2 | Identification, authentication and authorization | 19 |
| 5.7.3 | Observability of data transactions..... | 19 |
| 5.8 | Data access and usage..... | 19 |
| 5.8.1 | Overview | 19 |
| 5.8.2 | Verification of access rights..... | 19 |
| 5.8.3 | Usage of data..... | 19 |
| 5.8.4 | Observability | 20 |
| Annex A (informative) Trust frameworks | | 21 |
| A.1 | Introduction..... | 21 |
| A.2 | Trust mechanisms..... | 21 |
| A.3 | Elements of trust frameworks | 22 |
| A.3.1 | General | 22 |
| A.3.2 | Governance dimension..... | 22 |
| A.3.3 | Process and technical dimension..... | 22 |
| A.4 | Trust frameworks and data spaces | 23 |
| Annex ZA (informative) Relationship between this European Standard and the interoperability requirements of Regulation (EU) 2023/2854 aimed to be covered | | 24 |
| Bibliography | | 25 |

Tables

| | |
|---|----|
| Table ZA.1 — Correspondence between this European Standard and Article 33 of Regulation (EU) 2023/2854..... | 24 |
|---|----|