



**SLOVENSKI STANDARD**  
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**01-julij-2026**

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**Zaupanja vredne podatkovne transakcije - 3. del: Zahteve za interoperabilnost**

Trusted data transactions - Part 3: Interoperability requirements

Dataspaces - Interoperailität

Dataspaces - Interopérabilité

**Ta slovenski standard je istoveten z: prEN 18235-3**

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EUROPEAN STANDARD  
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**DRAFT**  
**prEN 18235-3**

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English version

## Trusted data transactions - Part 3: Interoperability requirements

Dataspaces - Interopérabilité

Dataspaces - Interoperailität

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**prEN 18235-3:2026 (E)****European foreword**

This document (prEN 18235-3:2026) has been prepared by the Joint Technical Committee CEN-CENELEC/ JTC 25 "Data Management, Dataspaces, Cloud and Edge", the secretariat of which is held by UNI.

This document is currently submitted to the CEN Enquiry.

This document has been prepared under a standardization request addressed to CEN, CENELEC and ETSI by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

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## Introduction

Individuals and organisations increasingly rely on the availability of data shared by others, for doing research, taking decisions and developing new products and services.

With the advance of technologies for internet of things (IoT), cloud-edge computing and wireless networking, data can become available at an ever-larger scale. By adopting artificial intelligence (AI) technologies new opportunities arise for creating value out of this data.

Although all these technologies bring opportunities, they also add to the complexity of data sharing: data are no longer residing in individual silos, but are fragmented across the boundaries of different organisations and systems. Sharing is needed to unlock the potential, while data can be kept at the source.

Individuals and organisations have specific requirements for data protection, for reasons of privacy, sensitivity and related legal compliance. They want to make informed choices on the data they use and the data they share with others.

Within a data space, all participants agree to a set of policies, semantic models, protocols and processes, defined in and managed by a governance framework. Essential requirements are needed to facilitate the interoperability of data, data sharing mechanisms, services and the data spaces they can operate in.

Increased interoperability can stimulate openness and scale by lower transaction costs in every aspect of data sharing: finding the right data, negotiating access to data and ensuring that the controlled sharing is enforced in a proper way. Achieving interoperability of data and data sharing mechanisms is therefore a critical element for the sustainable growth of the digital economy; leveraging the technological advances and achieving the desired benefits, while at the same time meeting the need for increased data sovereignty.

EN 18235-1 Trusted data transactions — Part 1: Terminology, concepts and mechanisms provides the terminology, concepts and mechanisms for trusted data transactions. prEN 18235-2 Trusted data transactions — Part 2: Trustworthiness requirements [1] defines the trustworthiness requirements for trusted data transactions.

The present document, identifies the interoperability requirements for systems used by data space participants. Annex A describes the implementation of interoperability requirements.