



Data must be usable across systems and services for it to be able to develop its full potential. The Data Act therefore establishes clear rules on the interoperability of data, data spaces and services.

Uniform requirements for data spaces

Data spaces are environments in which various actors can provide, share and use data. **Uniform requirements** for all the actors involved are needed to enable the smooth and secure exchange of data. The Data Act therefore provides for **common rules and standards** to ensure the **interoperability** of data, services and mechanisms in data spaces.

Standardisation

To implement these requirements the **European Commission** has issued a **standardisation request** under Article 33 of the Data Act to the three European **standardisation organisations** CEN (European Committee for Standardization), CENELEC (European Committee for Electrotechnical Standardization) and ETSI (European Telecommunications Standards Institute). The deadlines set in the standardisation request for publication of the deliverables are between 1 March 2026 and 1 May 2027.

The aim is to develop open and interoperable standards for data, mechanisms and services for data sharing and for the use of common European data spaces.

Standards provide uniform and comprehensible solutions. They promote manufacturer-neutral and technology-neutral implementation and set out legal requirements in more detail, for example for interfaces, processes and protocols.

The use of standards ensures implementation in compliance with the Data Act, which facilitates cooperation between the various actors.

It is possible for anyone interested to **become involved in standardisation activities** under the Data Act, but anyone wanting to take part must usually be a member of the national mirror committee at **DIN** (German Standards Institute), which sends experts to the relevant committees within the European and international bodies.

Cloud providers and interoperability

Cloud providers are specifically addressed in the Data Act with regard to **interoperability requirements**. The use of relevant standards helps to ensure **compatibility between** different cloud providers' **services**, simplify the switching process and enable the use of more than one service at the same time.

Further information:

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