



## ISO 29481-2

### **Building information models — Information delivery manual —**

#### **Part 2: Interaction framework**

*Modèles des informations de la construction — Protocole  
d'échange d'informations —*

*Partie 2: Cadre d'interaction*

**Second edition  
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This second edition cancels and replaces the first edition (ISO 29481-2:2012), which has been technically revised.

The main changes are as follows:

- introduced updates that better integrate the interaction framework within the concept of digital IDM communication;
- aligned terminology and practices with other related standards.

A list of all parts in the ISO 29481 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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Collaboration between the participants involved during the life cycle of assets is pivotal to the efficient delivery and operation of assets. Organizations collaborate within specific use cases to achieve higher levels of quality and greater re-use of existing knowledge, information experience and resources. A significant condition of collaboration is the opportunity to communicate, re-use and share information efficiently, and to reduce the risk of loss, contradiction or misinterpretation.

The ISO 29481 series on the information delivery manual (IDM) provides significant assistance in making the most of information management. If the necessary information is available at the right time, the quality of the information is satisfactory and the right person is involved at the right time, the collaboration and outcome itself is greatly improved. Since management and coordination rely heavily on communication, it benefits from being well structured, unambiguous, explicit and timely. This is supported by a common understanding of the purpose, the processes, the actors involved and the information needed.

This document focuses on the foundations for and execution of digital communication in accordance with the processes and information requirements of a use case. With a focus on communication, this document offers a natural complement to standards that focus on information management such as the ISO 19650 series, information containers such as the ISO 21597 series and information modelling such as ISO 16739-1 and ISO 10303-239.

This document describes how to use various components of an IDM for verifiable and traceable execution of digital communication. The resulting interaction framework enables standardization of digital communication in construction processes within any collaboration within and between organizations. As digital communication spans the entire life cycle of assets and occurs in projects of all sizes and complexities, a standardized IT approach can benefit a wide range of stakeholders. Support for this standard in various ICT solutions means that various information management systems are connected. By doing so, it provides a basis for reliable information exchange and sharing for users, so that they can be confident that the information they send or receive is accurate and sufficient for the coordination activities they need to perform. This provides a basis for using common data environment (CDE) solutions and workflows.