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**Field device integration (FDI®) –
Part 5: FDI Information Model**

**Intégration des appareils de terrain (FDI®) –
Partie 5: Modèle d'Information FDI**



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FIELD DEVICE INTEGRATION (FDI®) –**Part 5: FDI® Information Model**

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This third edition cancels and replaces the second edition published in 2021. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) added INTERACTIVE_TRANSFER_TO_DEVICE ACTION.

The text of this International Standard is based on the following documents:

Draft	Report on voting
65E/858/CDV	65E/915/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

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FIELD DEVICE INTEGRATION (FDI®) –

Part 5: FDI® Information Model

1 Scope

This part of IEC 62769 defines the FDI¹ Information Model. One of the main tasks of the Information Model is to reflect the topology of the automation system. Therefore, it represents the devices of the automation system as well as the connecting communication networks including their properties, relationships, and the operations that can be performed on them. The types in the AddressSpace of the FDI[®] Server constitute some kind of catalogue, which is built from FDI[®] Packages.

The fundamental types for the FDI[®] Information Model are well defined in OPC UA for Devices (IEC 62541-100). The FDI[®] Information Model specifies extensions for a few special cases and otherwise explains how these types are used and how the contents are built from elements of DevicePackages.

The overall FDI[®] architecture is illustrated in Figure 1. The architectural components that are within the scope of this document have been highlighted in this illustration.

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