

INTERNATIONAL STANDARD

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**Field device integration (FDI®) –
Part 2: Client**

**Intégration des appareils de terrain (FDI®) –
Partie 2: Client**

IEC 62769-2:2023

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FIELD DEVICE INTEGRATION (FDI®) –

Part 2: Client

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

- a) added interactive transfer to device;
- b) corrected ListOfInputArguments.

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

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FIELD DEVICE INTEGRATION (FDI®) –

Part 2: Client

1 Scope

This part of IEC 62769 specifies the FDI^{®1} Client. See Annex C for some typical FDI[®] Client use cases. 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 figure.

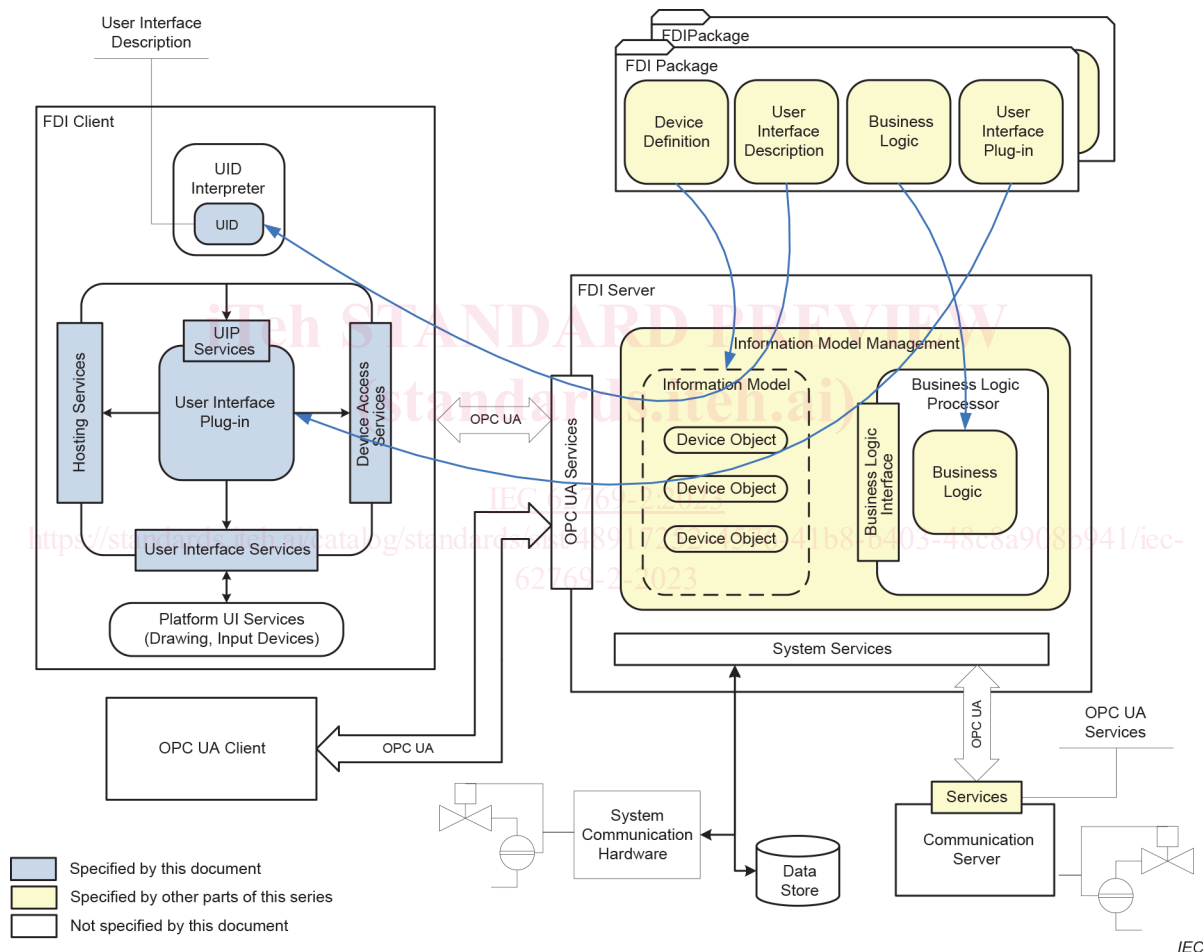


Figure 1 – FDI[®] architecture diagram

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies.

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IEC 61804-4, *Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL) – Part 4: EDD interpretation*

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IEC 62541-3, *OPC Unified Architecture – Part 3: Address Space Model*

IEC 62541-4, *OPC Unified Architecture – Part 4: Services*

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IEC 62769-5, *Field Device Integration (FDI®) – Part 5: FDI® Information Model*

IEC 62769-6 (all parts), *Field Device Integration (FDI®) – Part 6: FDI® Technology Mappings*

ISO/IEC 10918-1, *Information technology – Digital compression and coding of continuous-tone still images: Requirements and guidelines*

ISO/IEC 15948, *Information technology – Computer graphics and image processing – Portable Network Graphics (PNG): Functional specification*

ISO 639, *Language codes*

ISO 3166, *Country codes*

IEEE Std 754, *IEEE Standard for Floating-Point Arithmetic*

IETF RFC 2083, *PNG (Portable Network Graphics) Specification Version 1.0*

IETF RFC 3066, *Tags for the Identification of Languages*

3 Terms, definitions, abbreviated terms, acronyms and conventions

3.1 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 62769-1 and the following apply.

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