

INTERNATIONAL STANDARD

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**Field Device Integration (FDI®) –
Part 7: Communication Devices**

**Intégration des appareils de terrain (FDI®) –
Partie 7: Appareils de Communication**



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FIELD DEVICE INTEGRATION (FDI®) –

Part 7: Communication Devices

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IEC 62769-7 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation. It is an International Standard.

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 ScanExtended Method.

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

| Draft | Report on voting |
|-------------|------------------|
| 65E/859/CDV | 65E/916/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 7: Communication Devices

1 Scope

This part of IEC 62769 specifies the elements implementing communication capabilities called Communication Devices.

The overall FDI^{®1} architecture is illustrated in Figure 1. The architectural components that are within the scope of this document have been highlighted in this illustration. The document's scope with respect to FDI[®] Packages is limited to Communication Devices. The Communication Server shown in Figure 1 is an example of a specific Communication Device.

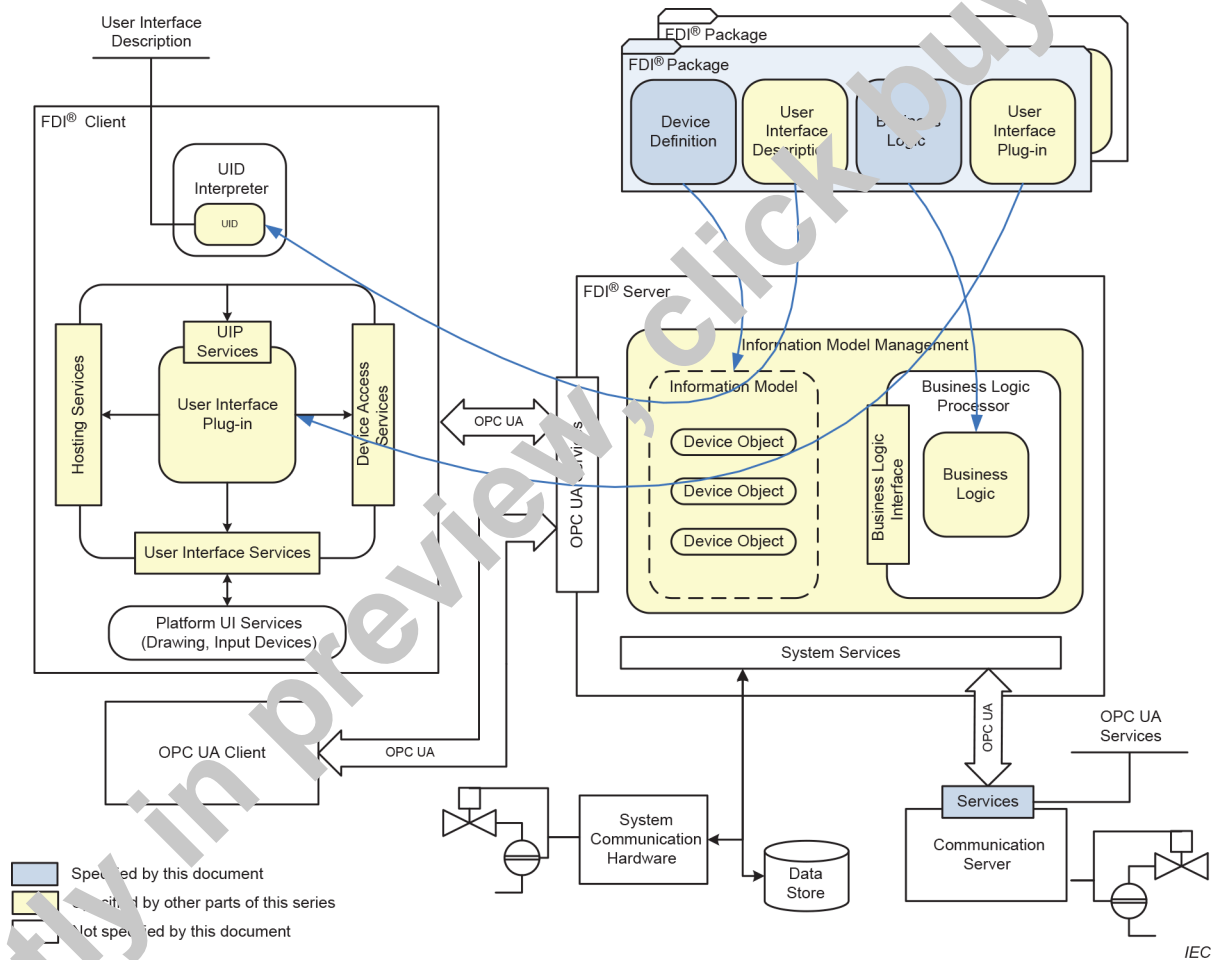


Figure 1 – FDI[®] architecture diagram

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