

Field device integration (FDI®) - Part 150-1: Profiles -
ISA100

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Field device integration (FDI)® - Part 150-1: Profiles - ISA100
(IEC 62769-150-1:2023)

Intégration des appareils de terrain (FDI)® - Partie 150-1:
Profils - ISA100
(IEC 62769-150-1:2023)

Feldgeräteintegration (FDI) - Teil 150-1: Profile - ISA100
WIRELESS
(IEC 62769-150-1:2023)

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European foreword

The text of document 65E/866/CDV, future edition 2 of IEC 62769-150-1, prepared by SC 65E "Devices and integration in enterprise systems" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62769-150-1:2023.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Field device integration (FDI)[®] –
Part 150-1: Profiles – ISA100**

**Intégration des appareils de terrain (FDI)[®] –
Partie 150-1: Profils – ISA100**



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Field device integration (FDI)® –
Part 150-1: Profiles – ISA100**

**Intégration des appareils de terrain (FDI)® –
Partie 150-1: Profils – ISA100**

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FIELD DEVICE INTEGRATION (FDI®) –

Part 150-1: Profiles – ISA100

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IEC 62769-150-1 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 second edition cancels and replaces the first 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 namespace to Annex A.

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

Draft	Report on voting
65E/866/CDV	65E/923/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.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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FIELD DEVICE INTEGRATION (FDI®) –

Part 150-1: Profiles – ISA100

1 Scope

This part of IEC 62769 specifies an FDI¹ profile of IEC 62769 for IEC 62734 (ISA100.11a)².

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. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62734:2014, *Industrial networks – Wireless communication network and communication profiles – ISA 100.11a*

IEC 61804 (all parts), *Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL)*

IEC TR 62541-2, *OPC unified architecture – Part 2: Security Model*

IEC 62541-100:2015, *OPC unified architecture – Part 100: Device Interface*

IEC 62734:2014, *Industrial networks – Wireless communication network and communication profiles – ISA 100.11a*

IEC 62769-4, *Field device integration (FDI®) – Part 4: FDI® Packages*

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

IEC 62769-6, *Field device integration (FDI®) – Part 6: Technology Mapping*

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