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Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/21

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Supersedes EN 62769-101-2:2015 and all of its amendments and corrigenda (if any)

English Version

**Field Device Integration (FDI) - Part 101-2: Profiles - Foundation
Fieldbus HSE
(IEC 62769-101-2:2020)**Intégration des appareils de terrain (FDI) - Partie 101-2:
Profils - Foundation Fieldbus HSE
(IEC 62769-101-2:2020)Feldgeräteintegration (FDI) - Teil 101-2: Profile -
Foundation Fieldbus HSE
(IEC 62769-101-2:2020)

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EN IEC 62769-101-2:2021 (E)**European foreword**

The text of document 65E/621/CDV, future edition 2 of IEC 62769-101-2, 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 62769-101-2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-09-24
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61784-1	-	Industrial communication networks - Profiles Part 1: Fieldbus profiles	EN IEC 61784-1	-
IEC 61784-2	-	Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC/IEEE 8802-3	EN IEC 61784-2	-
IEC 61804	series	Devices and integration in enterprise systems - Function blocks (FB) for process control and electronic device description language (EDDL)	EN IEC 61804-3	series
IEC 62541-6	-	OPC Unified Architecture - Part 6: Mappings	EN IEC 62541-6	-
IEC 62541-100	2015	OPC Unified Architecture - Part 100: Device Interface	EN 62541-100	2015
IEC 62769-2	-	Field Device Integration (FDI) - Part 2: FDI Client	EN 62769-2	-
IEC 62769-3	-	Field Device Integration (FDI) - Part 3: FDI Server	EN 62769-3	-
IEC 62769-4	-	Field Device Integration (FDI) - Part 4: FDI Packages	EN 62769-4	-
IEC 62769-5	-	Field Device Integration (FDI) - Part 5: FDI Information Model	EN 62769-5	-
IEC 62769-6	-	Field Device Integration (FDI) - Part 6: FDI Technology Mapping	EN 62769-6	-
IEC 62769-7	-	Field Device Integration (FDI) - Part 7: FDI Communication Devices	EN 62769-7	-
IEC 62769-101-1	-	Field device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1	EN IEC 62769-101-1	-



IEC 62769-101-2

Edition 2.0 2020-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Field device integration (FDI) –
Part 101-2: Profiles – Foundation Fieldbus HSE**

**Intégration des appareils de terrain (FDI) –
Partie 101-2: Profils – Foundation Fieldbus HSE**



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IEC 62769-101-2

Edition 2.0 2020-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Field device integration (FDI) –
Part 101-2: Profiles – Foundation Fieldbus HSE**

**Intégration des appareils de terrain (FDI) –
Partie 101-2: Profils – Foundation Fieldbus HSE**

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FIELD DEVICE INTEGRATION (FDI) –

Part 101-2: Profiles – Foundation Fieldbus HSE

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This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision.

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

- a) support for generic protocol extension for faster adoption of other technologies;
- b) support for Package developers to build EDDs targeted for today's EDD bases system under a single development tool.

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

CDV	Report on voting
65E/621/CDV	65E/684/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62769 series, published under the general title *Field device integration (FDI)*, can be found on the IEC website.

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FIELD DEVICE INTEGRATION (FDI) –

Part 101-2: Profiles – Foundation Fieldbus HSE

1 Scope

This part of IEC 62769 specifies the IEC 62769 profile for IEC 61784-1, CP 1/2 (FOUNDATION™ Fieldbus HSE)¹.

2 Normative references

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