



SLOVENSKI STANDARD SIST EN IEC 62769-1:2023

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Integracija procesne naprave (FDI®) - 1. del: Pregled (IEC 62769-1:2023)

Field Device Integration (FDI®) - Part 1: Overview (IEC 62769-1:2023)

Feldgeräteintegration (FDI®) - Teil 1: Überblick (IEC 62769-1:2023)

Intégration des appareils de terrain (FDI®) - Partie 1: Vue d'ensemble (IEC 62769-1:2023)

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Field Device Integration (FDI®) - Part 1: Overview (IEC 62769-1:2023)

Intégration des appareils de terrain (FDI®) - Partie 1: Vue
d'ensemble
(IEC 62769-1:2023)

Feldgeräteintegration (FDI®) - Teil 1: Überblick
(IEC 62769-1:2023)

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EN IEC 62769-1:2023 (E)**European foreword**

The text of document 65E/854/CDV, future edition 3 of IEC 62769-1, 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 62769-1:2023.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2024-02-09 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-05-09 document have to be withdrawn

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 62453-1 NOTE Approved as EN 62453-1

IEC 62443 (series) NOTE Approved as EN IEC 62443 (series)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61804	series	Function blocks (FB) for process control and electronic device description language (EDDL)	EN IEC 61804	series
IEC 61804-3	-	Devices and integration in enterprise systems - Function blocks (FB) for process control and electronic device description language (EDDL) - Part 3: EDDL syntax and semantics	EN IEC 61804-3	-
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	EN IEC 61804-4	-
IEC 62453	series	Field device tool (FDT) interface specification	EN 62453	series
IEC 62541	series	OPC Unified Architecture	EN IEC 62541	series
IEC/TR 62541-1	-	OPC Unified Architecture - Part 1: Overview CLC and concepts	IEC/TR 62541-1	-
IEC 62541-3	-	OPC Unified Architecture - Part 3: Address Space Model	EN IEC 62541-3	-
IEC 62541-4	-	OPC Unified Architecture - Part 4: Services	EN IEC 62541-4	-
IEC 62541-5	-	OPC Unified Architecture - Part 5: Information Model	EN IEC 62541-5	-
IEC 62541-100	-	OPC Unified Architecture - Part 100: Device Interface	EN 62541-100	-
IEC 62769-2	-	Field Device Integration (FDI®) - Part 2: Client	-	-
IEC 62769-3	-	Field Device Integration (FDI®) - Part 3: Server	-	-
IEC 62769-4	2023	Field Device Integration (FDI®) - Part 4: FDI Packages	-	-

EN IEC 62769-1:2023 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62769-5	2023	Field Device Integration (FDI®) - Part 5: FDI Information Model	-	-
IEC 62769-6	2023	Field Device Integration (FDI®) - Part 6: FDI Technology Mappings	-	-
IEC 62769-7	-	Field Device Integration (FDI®) - Part 7: Communication Devices	-	-
IEC 62769-8	-	Field device integration (FDI®) - Part 8:EDD to OPC-UA Mapping	-	-
ISO/IEC 11578	-	Information technology - Open Systems Interconnection - Remote Procedure Call (RPC)	-	-

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IEC 62769-1

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Field device integration (FDI®) –
Part 1: Overview**

**Intégration des appareils de terrain (FDI®) –
Partie 1: Vue d'ensemble**

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CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative references	6
3 Terms, definitions, abbreviated terms and acronyms	7
3.1 Terms and definitions.....	7
3.2 IEC TR 62541-1 terms (OPC UA).....	9
3.3 IEC 62541-3 (OPC UA) terms	10
3.4 IEC 62541-4 (OPC UA) terms	10
3.5 IEC 62541-5 (OPC UA) terms	11
3.6 IEC 62541-100 (OPC UA for Devices) terms	11
3.7 Abbreviated terms and acronyms	11
3.8 Conventions.....	12
4 Background	12
4.1 Motivation	12
4.2 Electronic Device Description Language (EDDL).....	12
4.3 Field Device Tool (FDT®)	13
4.4 OPC Unified Architecture (OPC UA).....	14
5 Architecture	14
5.1 Overview.....	14
5.2 FDI® Packages.....	15
5.3 FDI® Client.....	16
5.4 FDI® Server	16
5.5 FDI® Communication Server.....	17
5.6 User Interface tiering	17
5.7 FDI® security considerations	17
5.8 Redundancy.....	18
6 Deployment	18
6.1 Overview.....	18
6.2 Engineering, operator and maintenance stations.....	19
6.3 FDI® Server	19
6.4 FDI® Communication Servers.....	19
6.5 Device Tools.....	19
6.6 Third-party Tools	19
6.7 Handheld Tools.....	19
6.8 Generic OPC UA Clients	19
7 FDI® Host	19
7.1 Overview.....	19
7.2 FDI® Host Variants and Entities	20
7.3 FDI® Host Facets	20
8 Life-cycle Model	21
8.1 Overview.....	21
8.2 Identification mechanism.....	21
8.3 Versioning mechanism	22
8.3.1 Version levels	22
8.3.2 FDI® Technology Version.....	22
8.3.3 Forward compatibility.....	25

Annex A (informative) FDI® life-cycle concept summary	27
A.1 General.....	27
A.2 Life-cycle relevant topics (references).....	27
Bibliography.....	29
Figure 1 – FDI® architecture diagram	15
Figure 2 – Typical deployment scenario	18
Figure 3 – FDI® Technology Version dependencies.....	23
Table 1 – FDI® Host Variants and possible Facets	20
Table 2 – FDI® Host Facets and required FDI® Entities	21
Table 3 – Summary of influences on the FDI® Technology Version	25
Table 4 – Combinations of Minor Versions that require special handling	25
Table A.1 – Life-cycle aspects as part of the FDI® technology.....	27
Table A.2 – Life-cycle aspects as part of products and services provided with the FDI® technology	28

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FIELD DEVICE INTEGRATION (FDI®) –

Part 1: Overview

FOREWORD

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IEC 62769-1 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 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 references to Part 6-100 and Part 6-200 (technology mapping for .NET and HTML5);
- b) updated Subclause 8.3.1: major version, minor version and revision shall be written as two-digit numbers;
- c) added reference to new Part 8 and FDI® OPC UA Server Facet.

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

Draft	Report on voting
65E/854/CDV	65E/927/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.

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.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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