



**SLOVENSKI STANDARD**  
**SIST EN IEC 62769-151-1:2023**

**01-november-2023**

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**Integracija procesne naprave (FDI®) - 151-1. del: Profili - OPC UA (IEC 62769-151-1:2023)**

Field device integration (FDI®) - Part 151-1: Profiles - OPC UA (IEC 62769-151-1:2023)

Feldgeräteintegration (FDI®) - Teil 151-1: Profile - OPC UA (IEC 62769-151-1:2023)

Intégration des appareils de terrain (FDI®) - Partie 151-1: Profils - OPC UA (IEC 62769-151-1:2023)

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**Ta slovenski standard je istoveten z: EN IEC 62769-151-1:2023**

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**en,fr,de**



EUROPEAN STANDARD

**EN IEC 62769-151-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2023

ICS 33.040.40

English Version

**Field device integration (FDI®) - Part 151-1: Profiles - OPC UA  
(IEC 62769-151-1:2023)**

Intégration des appareils de terrain (FDI®) - Partie 151-1:  
Profils - OPC UA  
(IEC 62769-151-1:2023)

Feldgeräteintegration (FDI®) - Teil 151-1: Profile - OPC UA  
(IEC 62769-151-1:2023)

This European Standard was approved by CENELEC on 2023-05-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## EN IEC 62769-151-1:2023 (E)

### European foreword

The text of document 65E/853/CDV, future edition 1 of IEC 62769-151-1, 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 62769-151-1:2023.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2024-02-19 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-05-19 document have to be withdrawn

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

### Endorsement notice

The text of the International Standard IEC 62769-151-1:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62769 (series) NOTE Approved as EN IEC 62769 (series)

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## 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](http://www.cencenelec.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 61804	series	Function blocks (FB) for process control and electronic device description language (EDDL)	EN IEC 61804	series
IEC 62541-4	2020	OPC Unified Architecture - Part 4: Services	EN IEC 62541-4	2020
IEC 62541-6	2020	OPC Unified Architecture - Part 6: Mappings	EN IEC 62541-6	2020
IEC 62541-12	2020	OPC unified architecture - Part 12: Discovery and global services	EN IEC 62541-12	2020
IEC 62541-100	-	OPC Unified Architecture - Part 100: Device Interface	EN 62541-100	-
IEC 62769-4	-	Field Device Integration (FDI®) - Part 4: FDI Packages	-	-
IEC 62769-5	-	Field Device Integration (FDI®) - Part 5: FDI Information Model	-	-
IEC 62769-7	-	Field Device Integration (FDI®) - Part 7: Communication Devices	-	-
IEC 62769-100	2020	Field device integration (FDI) - Part 100: Profiles - Generic protocols	-	-





IEC 62769-151-1

Edition 1.0 2023-04

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Field device integration (FDI)<sup>®</sup> –  
Part 151-1: Profiles – OPC UA**

**Intégration des appareils de terrain (FDI)<sup>®</sup> –  
Partie 151-1: Profils – OPC UA**

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## CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references .....	5
3 Terms, definitions, abbreviated terms and acronyms .....	5
3.1 Terms and definitions.....	5
3.2 Abbreviated terms and acronyms .....	6
4 Conventions .....	6
4.1 EDDL syntax.....	6
4.2 Capitalizations .....	6
5 PSDs for OPC UA.....	7
5.1 General.....	7
5.2 Header.....	7
5.2.1 General .....	7
5.2.2 Service Code.....	7
5.2.3 NodeId.....	7
5.2.4 NodePath .....	8
5.2.5 AttributeId.....	8
5.2.6 IndexRange .....	8
5.3 ProtocolIdentifier.....	10
5.4 Address .....	10
5.5 Manufacturer .....	10
5.6 DeviceModel .....	11
5.7 Device Revision .....	11
5.8 Serial Number.....	11
5.9 Tag.....	11
5.10 ProfileId .....	11
5.11 Version .....	11
5.12 ProtocolSupportFile .....	11
5.13 ExtendedDeviceRevision .....	11
6 Error Codes.....	11
7 Example OPC UA EDD commands .....	12
7.1 Read.....	12
7.2 Write.....	13
7.3 Method Call .....	14
8 Scanning .....	15
8.1 General.....	15
8.2 Scanning for the available OPC UA devices.....	15
8.3 Scanning for the available end points on a OPC UA device.....	15
8.4 Scanning of OPC UA Device when the GDS is not available .....	16
Bibliography.....	17
Table 1 – Service Codes .....	7
Table 2 – OPC UA Services and their representation in an EDD HEADER.....	9
Table 3 – EDD datatype mapping with OPC UA datatype .....	9
Table 4 – Address attributes .....	10
Table 5 – Error Code values .....	12



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FIELD DEVICE INTEGRATION (FDI®) –

## Part 151-1: Profiles – OPC UA

## FOREWORD

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IEC 62769-151-1 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.

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

Draft	Report on voting
65E/853/CDV	65E/911/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

A list of all parts in the IEC 62769 series, published under the general title *Field device integration (FDI<sup>®</sup>)*, 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 [webstore.iec.ch](https://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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