

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Field device integration (FDI) –  
Part 5: Information Model**

**Intégration des appareils de terrain (FDI) –  
Partie 5: Modèle d'Information**



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Part 5: Information Model**

**Intégration des appareils de terrain (FDI) –  
Partie 5: Modèle d'Information**

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## CONTENTS

FOREWORD.....	7
INTRODUCTION.....	9
1 Scope.....	10
2 Normative references .....	11
3 Terms, definitions, abbreviated terms and conventions.....	11
3.1 Terms and definitions.....	11
3.2 Abbreviated terms.....	11
3.3 Conventions.....	12
3.4 Conventions for graphical notation.....	12
4 Overview of OPC Unified Architecture .....	14
4.1 General.....	14
4.2 Overview of OPC UA Devices .....	14
5 Concepts .....	16
5.1 General.....	16
5.2 Device topology .....	16
5.3 Online/offline .....	18
5.4 Catalogue (Type Definitions).....	19
5.5 Communication.....	19
6 AddressSpace organization .....	19
7 Device Model for FDI.....	20
7.1 General.....	20
7.2 Online/offline .....	20
7.3 Device health.....	21
7.3.1 DeviceHealth Mapping.....	21
7.3.2 DeviceHealth Diagnostics.....	22
7.4 User interface elements .....	23
7.4.1 General .....	23
7.4.2 UI Description Type.....	24
7.4.3 UI Plug-in Type.....	24
7.5 Type-specific support information .....	26
7.6 Actions .....	27
7.6.1 Overview.....	27
7.6.2 Action Type .....	27
7.6.3 ActionService Type.....	28
7.6.4 ActionService Object .....	28
7.6.5 InvokeAction Method .....	29
7.6.6 RespondAction Method.....	30
7.6.7 AbortAction Method .....	31
8 Network and connectivity.....	32
9 Utility functions.....	32
9.1 Overview.....	32
9.2 Locking .....	32
9.3 EditContext.....	33
9.3.1 Overview .....	33
9.3.2 EditContext Type.....	33

9.3.3	EditContext Object.....	33
9.3.4	GetEditContext Method.....	34
9.3.5	RegisterNodes Method .....	35
9.3.6	Apply Method .....	36
9.3.7	Reset Method .....	37
9.3.8	Discard Method .....	38
9.4	Direct Device Access .....	39
9.4.1	General .....	39
9.4.2	DirectDeviceAccess Type .....	39
9.4.3	DirectDeviceAccess Object.....	40
9.4.4	InitDirectAccess Method .....	41
9.4.5	EndDirectAccess Method .....	41
9.4.6	Transfer Method .....	42
10	Parameter Types .....	43
10.1	General.....	43
10.2	ScalingFactor Property .....	44
10.3	Min_Max_Values Property .....	44
11	FDI StatusCodes .....	45
12	Specialized topology elements.....	46
13	Auditing.....	47
13.1	General.....	47
13.2	FDI Client-provided context information .....	47
13.3	LogAuditTrailMessage Method .....	47
14	FDI Server Version .....	48
15	Mapping FDI Package information to the FDI Information Model.....	48
15.1	General.....	48
15.2	Localization .....	49
15.2.1	Localized text .....	49
15.2.2	Engineering units .....	49
15.3	Device .....	49
15.3.1	General .....	49
15.3.2	Mapping to Attributes to a specific DeviceType Node.....	49
15.3.3	Mapping to Properties.....	49
15.3.4	Mapping to ParameterSet .....	50
15.3.5	Mapping to Functional Groups .....	50
15.3.6	Mapping to DeviceTypeImage.....	50
15.3.7	Mapping to Documentation .....	50
15.3.8	Mapping to ProtocolSupport.....	50
15.3.9	Mapping to ImageSet.....	51
15.3.10	Mapping to ActionSet.....	51
15.3.11	Mapping to MethodSet.....	51
15.4	Modular Device.....	51
15.5	Block .....	51
15.5.1	General .....	51
15.5.2	Mapping to Attributes.....	51
15.5.3	Mapping to ParameterSet .....	52
15.5.4	Mapping to Functional Groups .....	52
15.5.5	Mapping to ActionSet.....	52

15.5.6	Mapping to MethodSet.....	52
15.5.7	Instantiation rules .....	52
15.6	Parameter.....	52
15.6.1	General .....	52
15.6.2	Private Parameters .....	56
15.6.3	MIN_Value and MAX_Value.....	57
15.6.4	Engineering units.....	57
15.6.5	Enumerated Parameters .....	57
15.6.6	Bit-enumerated Parameters .....	57
15.6.7	Representation of records.....	57
15.6.8	Representation of arrays, and lists of Parameters with simple data types .....	58
15.6.9	Representation of values arrays, and lists of RECORD Parameters .....	59
15.6.10	Representation of COLLECTION and REFERENCE ARRAY .....	59
15.6.11	SCALING_FACTOR.....	60
15.7	Functional Groups.....	60
15.8	AXIS elements in UIDs.....	61
15.9	Actions .....	61
15.10	UIPs .....	61
15.11	Protocols, Networks and Connection Points .....	61
16	Profiles.....	62
Annex A (normative)	Namespace and Mappings .....	63
Bibliography.....		64
Figure 1	– FDI architecture diagram.....	10
Figure 2	– OPC UA Graphical Notation for NodeClasses.....	12
Figure 3	– OPC UA Graphical Notation for References .....	12
Figure 4	– OPC UA Graphical Notation Example.....	13
Figure 5	– Optimized Type Reference .....	13
Figure 6	– OPC UA Devices Example: Functional Groups.....	15
Figure 7	– OPC UA Devices Example: Configurable components .....	16
Figure 8	– Example of an automation system.....	17
Figure 9	– Example of a Device topology .....	18
Figure 10	– Example Device Types representing a catalogue .....	19
Figure 11	– Online component for access to device data .....	21
Figure 12	– Hierarchy of user interface Types.....	24
Figure 13	– Integration of Actions within a TopologyElement .....	27
Figure 14	– Action Service.....	29
Figure 15	– EditContext type and instance.....	34
Figure 16	– DirectDeviceAccessType.....	39
Figure 17	– DirectDeviceAccess instance .....	40
Figure 18	– OPC UA VariableTypes including OPC UA DataAccess.....	44
Figure 19	– Example: Complex variable representing a RECORD .....	58
Figure 20	– Complex variable representing a VALUE_ARRAY of RECORDs.....	59
Table 1	– DeviceHealth Mapping .....	22

Table 2 – DeviceType definition (excerpt applicable to this clause).....	22
Table 3 – DeviceType definition with DeviceHealth and DeviceHealthDiagnostics.....	23
Table 4 – UIDescriptionType Definition.....	24
Table 5 – UIPlugInType Definition.....	25
Table 6 – ActionType Definition.....	28
Table 7 – ActionServiceType Definition.....	28
Table 8 – InvokeAction Method Arguments.....	30
Table 9 – InvokeAction Method AddressSpace Definition.....	30
Table 10 – RespondAction Method Arguments.....	31
Table 11 – RespondAction Method AddressSpace Definition.....	31
Table 12 – AbortAction Method Arguments.....	31
Table 13 – AbortAction Method AddressSpace Definition.....	32
Table 14 – EditContextType Definition.....	33
Table 15 – GetEditContext Method Arguments.....	34
Table 16 – GetEditContext Method AddressSpace Definition.....	35
Table 17 – RegisterNodes Method Arguments.....	35
Table 18 – RegisterNodes Method AddressSpace Definition.....	35
Table 19 – RegistrationParameters DataType Structure.....	36
Table 20 – RegisterNodesResult DataType Structure.....	36
Table 21 – Apply Method Arguments.....	37
Table 22 – Apply Method AddressSpace Definition.....	37
Table 23 – ApplyResult DataType Structure.....	37
Table 24 – Reset Method Arguments.....	38
Table 25 – Reset Method AddressSpace Definition.....	38
Table 26 – Discard Method Arguments.....	38
Table 27 – Discard Method AddressSpace Definition.....	39
Table 28 – DirectDeviceAccessType Definition.....	40
Table 29 – DirectDeviceAccess Instance Definition.....	41
Table 30 – InitDirectAccess method Arguments.....	41
Table 31 – InitDirectAccess Method AddressSpace Definition.....	41
Table 32 – EndDirectAccess Method Arguments.....	42
Table 33 – EndDirectAccess Method AddressSpace Definition.....	42
Table 34 – Transfer Method Arguments.....	42
Table 35 – Transfer Method AddressSpace Definition.....	43
Table 36 – ScalingFactor Property Definition.....	44
Table 37 – Min_Max_Values Property Definition.....	45
Table 38 – Variant_Range DataType Structure.....	45
Table 39 – Variant_Range Definition.....	45
Table 40 – Good operation level result codes.....	46
Table 41 – Uncertain operation level result codes.....	46
Table 42 – Bad operation level result codes.....	46
Table 43 – LogAuditTrailMessage Method Arguments.....	48
Table 44 – LogAuditTrailMessage Method AddressSpace Definition.....	48

Table 45 – FDIServerVersion Property Definition .....	48
Table 46 – DeviceType Property Mapping .....	50
Table 47 – Setting OPC UA Variable Attributes from EDDL variable attributes .....	53
Table 48 – Correspondence between EDDL and OPC UA standard data types .....	54
Table 49 – FDI Server Facet Definition .....	62
Table 50 – FDI Client Facet Definition.....	62

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International Standard IEC 62769-5 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation.

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 of new protocols;
- c) generic protocol extension to allow adoption of other communication protocols;
- d) based on generic protocol extension: Modbus RTU.

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

FDIS	Report on voting
65E/762/FDIS	65E/772/RVD

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.

This standard contains attached files in the form of XML schema. These files are intended to be used as a complement and do not form an integral part of the standard.

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## INTRODUCTION

The IEC 62769 series has the general title *Field Device Integration (FDI)* and the following parts:

- Part 1: Overview
- Part 2: FDI Client
- Part 3: FDI Server
- Part 4: FDI Packages
- Part 5: FDI Information Model
- Part 6: FDI Technology Mapping
- Part 7: FDI Communication Devices
- Part 100: Profiles – Generic Protocol Extensions
- Part 101-1: Profiles – Foundation Fieldbus H1
- Part 101-2: Profiles – Foundation Fieldbus HSE
- Part 103-1: Profiles – PROFIBUS
- Part 103-4: Profiles – PROFINET
- Part 109-1: Profiles – HART and WirelessHART
- Part 115-2: Profiles – Protocol-specific Definitions for Modbus RTU
- Part 150-1: Profiles – ISA 100.11a

