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Field device tool (FDT) interface specification - Part 52-31: Communication implementation for common language infrastructure - IEC 61784 CP 3/1 and CP 3/2 (IEC/TR 62453-52-31:2017)

Field Device Tool (FDT)-Schnittstellenspezifikation - Teil 52-31: Kommunikationsimplementierung mit der allgemeinen Sprachinfrastruktur - Kommunikationsprofilfamilie (CPF) 3/1 und 3/2 nach IEC 61784 (IEC/TR 62453-52-31:2017)

Spécification des interfaces des outils des dispositifs de terrain (FDT) - Partie 52-31: Mise en oeuvre d'un profil de communication pour l'infrastructure commune de langage - CP 3/1 et CP 3/2 de l' IEC 61784 (IEC/TR 62453-52-31:2017)

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Communication implementation for common language
infrastructure - IEC 61784 CP 3/1 and CP 3/2
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European foreword

This document (CLC IEC/TR 62453-52-31:2019) consists of the text of IEC/TR 62453-52-31:2017 prepared by SC 65E "Devices and integration in enterprise systems" of IEC/TC 65 "Industrial-process measurement, control and automation".

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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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61131-3	2003	Programmable controllers -- Part 3: Programming languages	-	-
IEC 61158	series	Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series	- EN 61158	series
IEC 61158-6-3	2014	Industrial communication networks - Fieldbus specifications - Part 6-3: Application layer protocol specification - Type 3 elements	- EN 61158-6-3	2014
IEC 61784-1	2014	Industrial communication networks - Profiles - Part 1: Fieldbus profiles	- EN 61784-1	2014
IEC 62453-1	2016	Field device tool (FDT) interface specification - Part 1: Overview and guidance	EN 62453-1	2017
IEC 62453-2	2016	Field device tool (FDT) interface specification - Part 2: Concepts and detailed description	EN 62453-2	2017
IEC TR 62453-42	2016	Field device tool (FDT) interface specification - Part 42: Object model integration profile - Common language infrastructure	-	-
IEC 62453-303-1	2009	Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2	EN 62453-303-1	2009

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TECHNICAL REPORT



**Field device tool (FDT) interface specification –
Part 52-31: Communication implementation for common language
infrastructure – IEC 61784 CP 3/1 and CP 3/2**

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIELD DEVICE TOOL (FDT) INTERFACE SPECIFICATION –

Part 52-31: Communication implementation for common language infrastructure – IEC 61784 CP 3/1 and CP 3/2

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IEC TR 62453-52-31, which is a technical report, has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation.

Each part of the IEC 62453-52-xy series is intended to be read in conjunction with its corresponding part in the IEC 62453-3xy series. The corresponding part for this document is IEC 62453-303-1.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
65E/440/DTR	65E/514/RVC

Full information on the voting for the approval of this technical report 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.

The list of all parts of the IEC 62453 series, under the general title *Field device tool (FDT) interface specification*, 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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