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BS EN 62453-1:2017



BSI Standards Publication

Field Device Tool (FDT) Interface Specification

Part 1: Overview and guidance (IEC 62453-1:2016)

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This British Standard is the UK implementation of EN 62453-1:2017. It is identical to IEC 62453-1:2016. It supersedes BS EN 62453-1:2009 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee AMT/7, Industrial communications: process measurement and control, including fieldbus.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

Field Device Tool (FDT) interface specification - Part 1:
Overview and guidance
(IEC 62453-1:2016)

Spécification des interfaces des outils des dispositifs de
terrain (FDT) - Partie 1: Vue d'ensemble et guide
(IEC 62453-1:2016)

Field Device Tool (FDT)-Schnittstellenspezifikation - Teil 1:
Überblick und Leitfaden - Teil 1: Überblick und Leitfaden
(IEC 62453-1:2016)

This European Standard was approved by CENELEC on 2017-01-20. 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.

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The text of document 65E/333/CDV, future edition 2 of IEC 62453-1, 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 62453-1:2017.

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) 2017-10-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-01-20

This document supersedes EN 62453-1:2009.

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Endorsement notice

The text of the International Standard IEC 62453-1:2016 was approved by CENELEC as a European Standard without any modification.

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

IEC 61131 (Series)	NOTE	Harmonized as EN 61131 (Series)
IEC 61131-3	NOTE	Harmonized as EN 61131-3
IEC 61158-1	NOTE	Harmonized as EN 61158-1
IEC 61375-3-3	NOTE	Harmonized as EN 61375-3-3
IEC 61499 (Series)	NOTE	Harmonized as EN 61499 (Series)
IEC 61499-1	NOTE	Harmonized as EN 61499-1
IEC 61784-1	NOTE	Harmonized as EN 61784-1
IEC 61784-2	NOTE	Harmonized as EN 61784-2
IEC 61784 (Series)	NOTE	Harmonized as EN 61784 (Series)
IEC 61800-7-1	NOTE	Harmonized as EN 61800-7-1
IEC 61800-7-2 (Series)	NOTE	Harmonized as EN 61800-7-2 (Series)
IEC 61800-7-3 (Series)	NOTE	Harmonized as EN 61800-7-3 (Series)
IEC 61804-2	NOTE	Harmonized as EN 61804-2

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IEC 61804-4	NOTE	Harmonized as EN 61804-4
IEC 61850 (Series)	NOTE	Harmonized as EN 61850 (Series)
IEC 61915-1	NOTE	Harmonized as EN 61915-1
IEC/TS 61970-2	NOTE	Harmonized as CLC/TS 61970-2
IEC 62026 (Series)	NOTE	Harmonized as EN 62026 (Series)
IEC 62026-1	NOTE	Harmonized as EN 62026-1
IEC 62264 (Series)	NOTE	Harmonized as EN 62264 (Series)
IEC 62402	NOTE	Harmonized as EN 62402
IEC 62453 (Series)	NOTE	Harmonized as EN 62453 (Series)
IEC 62541 (Series)	NOTE	Harmonized as EN 62541 (Series)
IEC/TR 62541-1	NOTE	Harmonized as CLC/TR 62541-1
IEC 62769 (Series)	NOTE	Harmonized as EN 62769 (Series)

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Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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 61158	series	Industrial communication networks - Fieldbus specifications	EN 61158	series
IEC 61784	series	Industrial communication networks - Profiles	EN 61784	series

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