



**NSAI**  
Standards

Standard Recommendation  
S.R. CLC/TR 62453-501:2009

Field device tool (FDT) interface  
specification -- Part 501:  
Communication implementation for  
common object model - IEC 61784 CPF  
1 (IEC/TR 62453-501:2009 (EQV))

## S.R. CLC/TR 62453-501:2009

*Incorporating amendments/corrigenda issued since publication:*

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| <b>NSAI</b><br>1 Swift Square,<br>Northwood, Santry<br>Dublin 9   | T +353 1 807 3800<br>F +353 1 807 3838<br>E standards@nsai.ie<br>W NSAI.ie | <b>Sales:</b><br>T +353 1 857 6730<br>F +353 1 857 6729<br>W standards.ie |
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TECHNICAL REPORT  
RAPPORT TECHNIQUE  
TECHNISCHER BERICHT

**CLC/TR 62453-501**

November 2009

ICS 25.040.40; 35.100.05; 35.110

English version

**Field device tool (FDT) interface specification -  
Part 501: Communication implementation for common object model -  
IEC 61784 CPF 1  
(IEC/TR 62453-501:2009)**

Spécification des interfaces des outils  
des dispositifs de terrain (FDT) -  
Partie 501: Implémentation des  
communications  
pour le modèle objet commun -  
CEI 61784 CPF 1  
(CEI/TR 62453-501:2009)

Field Device Tool (FDT)-  
Schnittstellenspezifikation -  
Teil 501: Kommunikationsimplementierung  
mit dem allgemeinen Objektmodell (COM) -  
Kommunikationsprofilfamilie (CPF) 1  
nach IEC 61784  
(IEC/TR 62453-501:2009)

This Technical Report was approved by CENELEC on 2009-10-01.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

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

**Central Secretariat: Avenue Marnix 17, B - 1000 Brussels**

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**Foreword**

The text of document 65E/65/CDV, future edition 1 of IEC/TR 62453-501, 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 was approved by CENELEC as CLC/TR 62453-501 on 2009-10-01.

This standard is to be used in conjunction with EN 62453-3xy series.

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the Technical Report IEC/TR 62453-501:2009 was approved by CENELEC as a Technical Report without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u>  | <u>EN/HD</u>    | <u>Year</u> |
|--------------------|-------------|---|-----------------|-------------|
| IEC 62453-1        | 2009        | Field device tool (FDT) interface specification -<br>Part 1: Overview and guidance                                      | EN 62453-1      | 2009        |
| IEC 62453-2        | 2009        | Field device tool (FDT) interface specification -<br>Part 2: Concepts and detailed description                          | EN 62453-2      | 2009        |
| IEC/TR 62453-41    | 2009        | Field device tool (FDT) interface specification -<br>Part 41: Object model integration profile -<br>Common object model | CLC/TR 62453-41 | 2009        |
| IEC 62453-301      | 2009        | Field device tool (FDT) interface specification -<br>Part 301: Communication profile integration -<br>IEC 61784 CPF 1   | EN 62453-301    | 2009        |

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