

# ILNAS

Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

## ILNAS-EN ISO 16407-1:2017

### **Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 1: Test suite structure and test purposes (ISO 16407-1:2017)**

Perception du télépéage - Évaluation de  
la conformité de l'équipement à l'ISO  
17575-1 - Partie 1: Structure de la suite  
d'essais et objectifs des essais (ISO

Elektronische Gebührenerhebung -  
Konformitätsbeurteilung von Geräten  
nach ISO 17575-1 – Teil 1: Struktur und  
Zweck des Prüfprogrammes (ISO

12/2017



## National Foreword

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ILNAS-EN ISO 16407-1:2017

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Supersedes CEN ISO/TS 16407-1:2011

English Version

**Electronic fee collection - Evaluation of equipment for  
conformity to ISO 17575-1 - Part 1: Test suite structure  
and test purposes (ISO 16407-1:2017)**

Perception du télépéage - Évaluation de la conformité  
de l'équipement à l'ISO 17575-1 - Partie 1: Structure de  
la suite d'essais et objectifs des essais (ISO 16407-  
1:2017)

Elektronische Gebührenerhebung -  
Konformitätsbeurteilung von Geräten nach ISO/TS  
17575-1 - Teil 1: Struktur und Zweck des  
Prüfprogrammes (ISO 16407-1:2017)

This European Standard was approved by CEN on 5 December 2017.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

**Contents**

Page

**European foreword..... 3**

ILNAS-EN ISO 16407-1:2017 - Preview only Copy via ILNAS e-Shop

## European foreword

This document (EN ISO 16407-1:2017) has been prepared by Technical Committee ISO/TC 204 “Intelligent transport systems” in collaboration with Technical Committee CEN/TC 278 “Intelligent transport systems” the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2018, and conflicting national standards shall be withdrawn at the latest by June 2018.

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

This document supersedes CEN ISO/TS 16407-1:2011.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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### Endorsement notice

The text of ISO 16407-1:2017 has been approved by CEN as EN ISO 16407-1:2017 without any modification.

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**Electronic fee collection — Evaluation  
of equipment for conformity to ISO  
17575-1 —**

**Part 1:  
Test suite structure and test purposes**

*Perception du télépéage — Évaluation de la conformité de  
l'équipement à l'ISO 17575-1 —*

*Partie 1: Structure de la suite d'essais et objectifs des essais*



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# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>2</b>
<b>3 Terms and definitions</b> .....	<b>2</b>
<b>4 Abbreviated terms</b> .....	<b>4</b>
<b>5 Test suite structure</b> .....	<b>5</b>
5.1 Structure .....	5
5.2 Reference to conformance test specifications .....	5
5.3 Test purposes (TP) .....	6
5.3.1 TP definition conventions .....	6
5.3.2 TP naming conventions .....	6
5.4 Conformance test report .....	7
<b>Annex A (normative) Test purposes (TP) for Front End</b> .....	<b>8</b>
<b>Annex B (normative) Test purposes (TP) for Back End</b> .....	<b>93</b>
<b>Annex C (normative) Data structures</b> .....	<b>97</b>
<b>Annex D (normative) PCTR for Front End</b> .....	<b>99</b>
<b>Annex E (normative) PCTR for Back End</b> .....	<b>104</b>
<b>Bibliography</b> .....	<b>108</b>



## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 204, *Intelligent transport systems*.

This first edition cancels and replaces ISO/TS 16407-1:2011, which has been technically revised.

The main changes compared to the previous edition are as follows:

- this document has been converted from a Technical Specification to an International Standard;
- this document has been amended to reflect changes to the underlying base standards, especially ISO 17575;
- this document contains major changes regarding
  - data element changes introduced by ISO 17575-1 and ISO 17575-3,
  - new test purposes related to protocol version handling and authenticated data elements,
  - removed test purposes related to rules with respect to charging which are not anymore required by ISO 17575-1,
  - revised terms and definitions, and
  - editorial and formal corrections, as well as changes to improve readability.

A list of all parts in the ISO 16407 series can be found on the ISO website.