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Standards

Irish Standard
S.R. CEN/TR 16152:2011

Electronic fee collection - Personalisation and mounting of first mount OBE

S.R. CEN/TR 16152:2011

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ICS

English Version

Electronic fee collection - Personalisation and mounting of first mount OBE

Perception de télépéage - Personnalisation et installation
des équipements embarqués en première monte

Elektronische Gebührenerhebung - Personalisierung und
Einbau von Fahrzeuggeräten der Erstausrüstung

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Contents

Page

Foreword.....	3
Introduction	4
1 Scope	5
1.1 Background and expected benefits of first-mount OBE	5
1.2 Personalisation concept	5
2 Normative references	6
3 Terms and definitions	6
4 Symbols and abbreviations	6
5 Context Description	7
5.1 General.....	7
5.2 Actors and Roles	8
5.3 Overview of Assets.....	10
5.4 Use cases	12
5.4.1 Initialisation: Mounting of OBE	12
5.4.2 Initialisation: Assignment of individual data	12
5.4.3 Initialisation: Assignment of vehicle data	13
5.4.4 Contracting of the OBE with the Service Provider	14
5.4.5 Enabling long range mobile communication	15
5.4.6 Change of the vehicle for the same contract.....	16
5.4.7 Cancellation of an existing contract.....	17
5.4.8 Change of the contract for the same vehicle.....	17
5.4.9 Normal EFC use cases: charging and enforcement	18
5.4.10 Repair and upgrade of the OBE	19
5.4.11 Change of vehicle properties	20
5.4.12 Decommissioning and replacement of the OBE	21
6 Personalisation concept	22
6.1 Overall requirements	22
6.1.1 Functional requirements	22
6.1.2 Security Requirements.....	26
6.2 Vehicle interface requirements and constraints	34
6.2.1 Introduction	34
6.2.2 Installation principles	35
7 Personalisation data.....	35
7.1 EFC Attributes	35
7.2 OBE related data	37
7.3 Access protection information.....	37
7.4 Vehicle registration data	37
8 Recommendations.....	38
Bibliography	40

Foreword

This document (CEN/TR 16152:2011) has been prepared by Technical Committee CEN/TC 278 “Road transport and traffic telematics”, the secretariat of which is held by NEN.

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Introduction

With the increased use of OBE for EFC, the need for effective distribution is growing. The OBE could potentially be integrated into the vehicle by the vehicle manufacturer as part of manufacturing process. The EETS provider (according to EC's European Electronic Toll Service business model) would in such a scenario be faced with the issue on how to personalize the data in the OBE, including the data related to the contract between him and the user. This issue is relevant for both DSRC and satellite based OBEs.

The issues addressed by the document include:

- 1) vehicle interfacing requirements and constraints
 - a) vehicle data buses
 - b) requirements and constraints from the automotive industry (e.g. in terms of electronic, mechanics...)
 - c) safety
 - d) security
- 2) personalization requirements and constraints
 - a) Access to the protected data inside the OBE e.g. ContractNumber
 - b) Where are the EETS and contract data located? (inside the OBE or in a smart card).
 - c) Activation and deactivation of the OBE

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