DIN CEN ISO/TS 21719-3:2022-05 (E)

Electronic fee collection - Personalization of on-board equipment (OBE) - Part 3: Using integrated circuit(s) cards (ISO/TS 21719-3:2021); English version CEN ISO/TS 21719-3:2021

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **2**

4 Abbreviated terms ... **3**

5 Conformance ... **4**
5.1 General ... 4
5.2 Base standards ... 4
5.3 Main contents of an EFC personalization AP ... 4

6 Personalization overview ... **5**
6.1 Process ... 5
6.2 System architecture ... 5

7 OBE requirements ... **5**
7.1 General ... 5
7.2 ICC interface requirements ... 5
7.2.1 General ... 5
7.2.2 Case of contact interface ... 6
7.2.3 Case of contactless interface ... 6
7.3 OBE personalization functions ... 6
7.3.1 OBE personalization functions ... 6
7.3.2 Initialization and termination ... 6
7.3.3 Writing of data ... 7
7.3.4 Reading of data ... 8
7.4 Security requirements ... 8
7.5 Transaction requirements ... 9

8 PE requirements ... **9**
8.1 General ... 9
8.2 ICC interface requirements ... 9
8.3 PE personalization functions ... 9

Annex A (normative) **Protocol implementation conformance statement (PICS) proforma** ... **10**

Annex B (informative) **Transaction example** ... **14**

Bibliography ... **16**