

ISO/TS 21719-3:2021-11 (E)

Electronic fee collection - Personalization of on-board equipment (OBE) - Part 3: Using integrated circuit(s) cards

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