

ISO 17575-2:2016-01 (E)

Electronic fee collection - Application interface definition for autonomous systems - Part 2: Communication and connection to the lower layers

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Terms and definitions	2
3 Abbreviated terms	3
4 EFC Front End communication architecture	4
4.1 General	4
4.2 Relationship with the overall EFC architecture	5
5 EFC communication services (functions)	5
5.1 General concept	5
5.2 Initialization phase	7
5.2.1 General	7
5.2.2 Incoming (BE to FE Application) session request	7
5.2.3 Outgoing (FE Application to BE) session establishment	8
5.3 Point-to-point communication service primitives	8
5.3.1 General	8
5.3.2 Unstructured messages (ADUs)	8
5.3.3 Structured messages (ADUs)	8
5.4 Session end	8
5.5 Session failure	9
5.6 Security considerations	9
5.7 Media selection options	9
6 The use of a communication stack	9
6.1 General	9
6.2 Requirements for an underlying communication technology	9
6.3 Mobile terminated calls	10
Annex A (normative) Abstract API definition	11
Annex B (normative) Protocol implementation conformance statement (PICS) proforma	17
Annex C (informative) API requirements	22
Annex D (informative) Examples of definitions for appropriate languages	23
Bibliography	28