

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