

DIN EN ISO 17575-2:2016-08 (E)

Electronic fee collection - Application interface definition for autonomous systems - Part 2: Communication and connection to the lower layers (ISO 17575-2:2016); English version EN ISO 17575-2:2016

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
Annex E (informative) Use of this part of ISO 17575 for the EETS		26
Bibliography		28