

ISO 17575-3:2016-01 (E)

Electronic fee collection - Application interface definition for autonomous systems - Part 3: Context data

Contents		Page
Foreword		iv
Introduction		vi
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Abbreviated terms	4
5	General concept and overview	5
6	Procedural requirements and encoding rules	7
6.1	General	7
6.2	Communication services	7
6.3	Version and validity handling	7
6.3.1	Protocol versioning	7
6.3.2	Context data versioning	7
6.4	Encoding rules	8
6.5	Acknowledgement and behaviour on errors	8
7	Application data units	8
7.1	General	8
7.2	Message authentication (data type Iso17575-3-InformationContent)	9
7.3	Application data unit structure (data type Iso17575-3Adu)	9
8	EFC Attributes	11
8.1	General	11
8.2	Rules with respect to support of context data	12
8.3	Attributes and data sets	12
8.4	EFC attributes authentication	12
8.5	EFC attributes data catalogue	13
8.5.1	General	13
8.5.2	Requirements with regards to context overview	14
8.5.3	Requirements with regards to tariff information	17
8.5.4	Requirements with regards to context layout	35
8.5.5	Requirements with regards to reporting rules	45
Annex A (normative) Data type specifications		59
Annex B (normative) Protocol implementation conformance statement (PICS) proforma		60
Annex C (informative) Hierarchical data structure illustration		98
Annex D (informative) How to use context data to define the properties of an EFC regime		103
Annex E (informative) Guidelines on the use of standardised digital maps in GDF format in the description of section based toll context layouts		108

Annex F (informative) Examples using EFC context data for scheme definitions	111
Bibliography	118