

# DIN EN ISO 17575-3:2016-08 (E)

## Electronic fee collection - Application interface definition for autonomous systems - Part 3: Context data (ISO 17575-3:2016); English version EN ISO 17575-3:2016

---

<b>Contents</b>		Page
<b>Foreword</b> .....		iv
<b>Introduction</b> .....		vi
<b>1 Scope</b> .....		1
<b>2 Normative references</b> .....		2
<b>3 Terms and definitions</b> .....		2
<b>4 Abbreviated terms</b> .....		4
<b>5 General concept and overview</b> .....		5
<b>6 Procedural requirements and encoding rules</b> .....	— This page is intentionally blank —	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
<b>7 Application data units</b> .....		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
7.4 Application data unit header (data type ISO 17575-3AduHeader) .....		10
7.5 Application data unit body (data type ISO 17575-3AduBody) .....		11
<b>8 EFC Attributes</b> .....		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
<b>Annex A (normative) Data type specifications</b> .....		59
<b>Annex B (normative) Protocol implementation conformance statement (PICS) proforma</b> .....		60
<b>Annex C (informative) Hierarchical data structure illustration</b> .....		98
<b>Annex D (informative) How to use context data to define the properties of an EFC regime</b> .....		103
<b>Annex E (informative) Guidelines on the use of standardised digital maps in GDF format in the description of section based toll context layouts</b> .....		108
<b>Annex F (informative) Examples using EFC context data for scheme definitions</b> .....		111
<b>Annex G (informative) Use of this part of ISO 17575 for the EETS</b> .....		116
<b>Bibliography</b> .....		118