

# ISO/TS 14812:2025-06 (E)

## Intelligent transport systems - Vocabulary

---

### Contents

Page

Foreword ..... v

Introduction ..... vii

**1 Scope ..... 1**

**2 Normative references ..... 1**

**3 Terms and definitions ..... 1**

    3.1 Core terms ..... 1

        3.1.1 Entity terms ..... 1

        3.1.2 General system terms ..... 2

        3.1.3 General architecture terms ..... 2

        3.1.4 Architecture view terms ..... 4

        3.1.5 Architecture — Communication view terms ..... 5

        3.1.6 Architecture — Enterprise view terms ..... 6

        3.1.7 Architecture — Functional view terms ..... 7

        3.1.8 Architecture — Physical view terms ..... 7

        3.1.9 Architecture type terms ..... 8

        3.1.10 Data concept management terms ..... 9

        3.1.11 Data concept type terms ..... 10

        3.1.12 System engineering terms ..... 11

        3.1.13 Time terms ..... 11

        3.1.14 Information security terms ..... 11

        3.1.15 Concept realization terms ..... 13

    3.2 Technology terms ..... 14

        3.2.1 Top-level physical object terms ..... 14

        3.2.2 Centre physical object terms ..... 15

        3.2.3 Field physical object terms ..... 16

        3.2.4 Personal physical object terms ..... 17

        3.2.5 Support physical object terms ..... 17

        3.2.6 Vehicle physical object terms ..... 18

        3.2.7 ITS station terms ..... 18

        3.2.8 ITS application terms ..... 19

        3.2.9 ITS-S application process terms ..... 20

        3.2.10 Device component terms ..... 21

    3.3 Infrastructure terms ..... 21

        3.3.1 Road reservation component terms ..... 21

        3.3.2 Physical traffic separator terms ..... 25

        3.3.3 Alternate mode infrastructure component terms ..... 25

        3.3.4 Infrastructure operating mode terms ..... 27

        3.3.5 Road network terms ..... 27

        3.3.6 Junction terms ..... 29

        3.3.7 Facility terms ..... 30

        3.3.8 Kerbside usage terms ..... 30

        3.3.9 Road equipment terms ..... 31

    3.4 Location terms ..... 32

        3.4.1 Location type terms ..... 32

        3.4.2 Location referencing terms ..... 33

        3.4.3 Jurisdictional terms ..... 34

    3.5 Service terms ..... 35

        3.5.1 Generic service terms ..... 35

        3.5.2 Transport service terms ..... 36

        3.5.3 ITS service terms ..... 36

3.5.4	ITS-SU service terms .....	37
3.5.5	Transport service application terms.....	37
3.5.6	Transport-related sharing terms.....	38
3.5.7	Contractual model terms.....	39
3.5.8	Financial model terms.....	39
3.5.9	Operational model terms.....	40
3.5.10	Network model terms.....	41
3.5.11	Shared transport service terms.....	42
3.5.12	Shared vehicle terms.....	42
3.6	User terms.....	43
3.6.1	Traveller terms.....	43
3.6.2	Vehicle occupant terms.....	43
3.7	Vehicle terms.....	44
3.7.1	Vehicle component terms.....	44
3.7.2	Vehicle attribute terms.....	45
3.7.3	Vehicle automation terms.....	46
3.7.4	Vehicle connectivity terms.....	49
3.7.5	Vehicle speed terms.....	49
3.7.6	Vehicle types — environment terms.....	51
3.8	Financial terms.....	52
3.8.1	Payment terms.....	52
<b>Annex A (informative) Concept model diagrams.....</b>		<b>53</b>
<b>Bibliography.....</b>		<b>86</b>
<b>Index.....</b>		<b>88</b>