

DIN EN ISO 17427-1:2018-10 (E)

Intelligent transport systems - Cooperative ITS - Part 1: Roles and responsibilities in the context of co-operative ITS architecture(s) (ISO 17427-1:2018)

| Contents | Page |
|--|-----------|
| European foreword | 4 |
| Foreword | 5 |
| Introduction | 6 |
| 1 Scope | 7 |
| 2 Normative references | 7 |
| 3 Terms and definitions | 8 |
| 4 Abbreviated terms | 11 |
| 5 Compliance | 11 |
| 6 How to use this document | 11 |
| 6.1 Roles and responsibilities in the context of Cooperative-ITS | 11 |
| 6.2 Guidance for developers and implementers of <i>C-ITS</i> application standards | 12 |
| 7 Introduction and theoretical framework | 12 |
| 7.1 Use of ODP | 12 |
| 7.2 Transferring ODP to roles and responsibilities for C-ITS | 13 |
| 7.3 External enterprise objects | 15 |
| 7.4 Internal enterprise objects | 16 |
| 8 Roles and responsibilities | 16 |
| 8.1 Introduction | 16 |
| 8.2 Generic description of organizational architecture | 16 |
| 8.2.1 System operation | 16 |
| 8.2.2 Functional operation | 17 |
| 8.2.3 System management | 17 |
| 8.2.4 Policy framework | 17 |
| 8.3 General responsibilities of actors involved in C-ITS | 17 |
| 8.3.1 Registration and authorization | 17 |
| 8.3.2 Privacy and data protection | 18 |
| 8.4 Role — Functional operation | 18 |
| 8.4.1 General | 18 |
| 8.4.2 Sub-role — Generic functional operation | 19 |
| 8.4.3 Sub-role — Specific functional operation | 20 |
| 8.5 Role — System management | 22 |
| 8.5.1 Sub-role — Service catalogue manager | 22 |
| 8.5.2 Sub-role — C-ITS architect | 22 |
| 8.5.3 Sub-role — Change manager | 22 |
| 8.5.4 Sub-role — Test manager | 22 |
| 8.5.5 Sub-role — Service level manager | 22 |
| 8.5.6 Sub-role — Homologation manager | 22 |
| 8.5.7 Sub-role — Compliance manager | 22 |
| 8.5.8 Sub-role — Financial manager | 22 |
| 8.5.9 Sub-role — Service owner | 23 |
| 8.5.10 Sub-role — Project manager | 23 |
| 8.5.11 Sub-role — Information security manager | 23 |
| 8.5.12 Sub-role — Privacy manager | 23 |

| | | |
|--|--|-----------|
| 8.6 | Role — System operation..... | 23 |
| 8.6.1 | Sub-role — Capacity manager..... | 23 |
| 8.6.2 | Sub-role — Availability manager..... | 23 |
| 8.6.3 | Sub-role — Technical analyst..... | 23 |
| 8.6.4 | Sub-role — Configuration manager..... | 23 |
| 8.6.5 | Sub-role — IT-operations manager..... | 23 |
| 8.6.6 | Sub-role — Access manager..... | 23 |
| 8.7 | Role — Policy framework..... | 24 |
| 8.7.1 | Sub-role — Non-regulatory policy institution..... | 24 |
| 8.7.2 | Sub-role —Cooperative ITS Credential Management system (CCMS)..... | 24 |
| 8.7.3 | Privacy body..... | 24 |
| 8.7.4 | Information security body..... | 24 |
| 8.7.5 | Sub-role — Authority..... | 24 |
| 8.8 | Profiles..... | 24 |
| Annex A (informative) Methodology and its sample application..... | | 25 |
| Annex B (informative) Profiles..... | | 36 |
| Bibliography..... | | 49 |