

ISO 15638-25:2024-03 (E)

Intelligent transport systems - Framework for collaborative telematics applications for regulated commercial freight vehicles (TARV) - Part 25: Overhead clearance monitoring

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	2
5	Conformance	2
6	General overview and framework	2
7	Basic conceptual operational requirements	5
7.1	General	5
7.2	Basic requirement	6
8	Requirements for services using generic vehicle data	6
8.1	General	6
8.1.1	Introduction	6
8.1.2	Unregulated application services using only generic basic vehicle data	7
8.1.3	Unregulated application services using both generic vehicle data and additional application-specific data	7
8.2	Conveyance identifiers	7
9	Concept of operations for unregulated application services with additional data requirements including roadside sensors	7
9.1	General	7
9.2	Strategies, tactics, policies and constraints affecting the system	7
9.3	Organizations, activities, and interactions among participants and stakeholders	8
9.4	Operational roles and processes for the system	8
9.4.1	Common role of the prime service provider	8
9.4.2	Common role of the application service provider	9
9.4.3	Role of the application service	9
9.4.4	Service requirements definition	9
9.4.5	Common role of user	9
9.4.6	Role of driver	10
9.4.7	Role of operator	10
9.4.8	Framework for operation	10
9.4.9	ROAM "app" library and data pantry	11
10	Sequence of operations for identified unregulated application services with additional data requirements	11
10.1	Overview	11
10.1.1	General	11
10.1.2	Commands	12
10.2	Quality of service requirements	15
10.3	Test requirements	15
10.4	Marking, labelling and packaging	16
11	Common features of unregulated TARV application services	16
11.1	Generic operational processes for the system	16
11.2	Common characteristics for instantiations of unregulated application services	17

11.3	Common sequence of operations for unregulated application services	18
11.4	Quality of service.....	19
11.5	Information security.....	19
11.6	Software engineering quality systems.....	19
11.7	Quality monitoring station.....	19
11.8	Audits.....	19
11.9	Data access control policy.....	19
11.10	Approval of roadside sensors.....	19
Annex A (informative) Application examples.....		20
Bibliography.....		23