

Intelligent Transport System

No	Category	MS/ISO Code	MS/ISO Title	Preview
1	IT applications in transport	ISO 17427-1:2018(en)	Intelligent transport systems — Cooperative ITS — Part 1: Roles and responsibilities in the context of co-operative ITS architecture(s)	https://www.iso.org/obp/ui/#iso:std:iso:17427:-1:ed-1:v1:en
2	IT applications in transport	ISO 12813:2019	Electronic fee collection — Compliance check communication for autonomous systems	https://www.iso.org/obp/ui/#iso:std:75833:en
3	IT applications in transport	ISO 13141:2015/AMD 1:2017	Electronic fee collection — Localisation augmentation communication for autonomous systems — Amendment 1	https://www.iso.org/obp/ui/#iso:std:iso:13141:ed-1:v1:amd:1:v1:en
4	IT applications in transport	ISO 13185-3:2018	Intelligent transport systems — Vehicle interface for provisioning and support of ITS Services — Part 3: Unified vehicle interface protocol (UVIP) server and client API specification	https://www.iso.org/obp/ui/#iso:std:iso:13185:-3:ed-1:v1:en
5	IT applications in transport	ISO 13185-4:2020	Intelligent transport systems — Vehicle interface for provisioning and support of ITS Services — Part 4: Unified vehicle interface protocol (UVIP) conformance test specification	https://www.iso.org/obp/ui/#iso:std:iso:13185:-4:ed-1:v1:en
6	IT applications in transport	ISO 13111-1:2017	Intelligent transport systems (ITS) — The use of personal ITS station to support ITS service provision for travellers — Part 1: General information and use case definitions	https://www.iso.org/obp/ui/#iso:std:iso:13111:-1:ed-1:v1:en
7	IT applications in transport	ISO/TR 10992-2:2017	Intelligent transport systems — Use of nomadic and portable devices to support ITS service and multimedia provision in vehicles — Part 2: Definition and use cases for mobile service convergence	https://www.iso.org/obp/ui/#iso:std:iso:tr:10992:-2:ed-1:v1:en
8	IT applications in transport	ISO 14296:2016	Intelligent transport systems — Extension of map database specifications for applications of cooperative ITS	https://www.iso.org/obp/ui/#iso:std:iso:14296:ed-1:v1:en
9	IT applications in transport	ISO 14813-6:2017	Intelligent transport systems — Reference model architecture(s) for the ITS sector — Part 6: Use of ASN.1	https://www.iso.org/obp/ui/#iso:std:iso:14813:-6:ed-2:v1:en

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10	IT applications in transport	ISO 14816:2005	Road transport and traffic telematics — Automatic vehicle and equipment identification — Numbering and data structure	https://www.iso.org/obp/ui/#iso:std:iso:14816:ed-1:v1:en
11	IT applications in transport	ISO 14816:2005/AMD 1:2019	Road transport and traffic telematics — Automatic vehicle and equipment identification — Numbering and data structure — Amendment 1	https://www.iso.org/obp/ui/#iso:std:iso:14816:ed-1:v1:amd:1:v1:en
12	IT applications in transport	ISO 14817-1:2015	Intelligent transport systems — ITS central data dictionaries — Part 1: Requirements for ITS data definitions	https://www.iso.org/obp/ui/#iso:std:iso:14817:-1:ed-1:v1:en
13	IT applications in transport	ISO 14817-2:2015	Intelligent transport systems — ITS central data dictionaries — Part 2: Governance of the Central ITS Data Concept Registry	https://www.iso.org/obp/ui/#iso:std:iso:14817:-2:ed-1:v1:en
14	IT applications in transport	ISO 14817-3:2017	Intelligent transport systems — ITS data dictionaries — Part 3: Object identifier assignments for ITS data concepts	https://www.iso.org/obp/ui/#iso:std:iso:14817:-3:ed-1:v1:en
15	IT applications in transport	ISO 14907-1:2020	Electronic fee collection — Test procedures for user and fixed equipment — Part 1: Description of test procedures	https://www.iso.org/obp/ui/#iso:std:iso:14907:-1:ed-1:v1:en
16	IT applications in transport	ISO/TS 15638-4:2020	Intelligent transport systems — Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) — Part 4: System security requirements	https://www.iso.org/obp/ui/#iso:std:iso:ts:15638:-4:ed-1:v1:en
17	IT applications in transport	ISO 15638-22:2019	Intelligent transport systems — Framework for collaborative telematics applications for regulated commercial freight vehicles (TARV) — Part 22: Freight vehicle stability monitoring	https://www.iso.org/obp/ui/#iso:std:iso:15638:-22:ed-1:v1:en

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18	IT applications in transport	ISO 15638-21:2018	Intelligent transport systems — Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) — Part 21: Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes	https://www.iso.org/obp/ui/#iso:std:iso:15638:-21:ed-1:v1:en
19	IT applications in transport	ISO 16787:2017	Intelligent transport systems — Assisted parking system (APS) — Performance requirements and test procedures	https://www.iso.org/obp/ui/#iso:std:iso:16787:ed-2:v1:en
20	IT applications in transport	ISO/TS 17429:2017	Intelligent transport systems — Cooperative ITS — ITS station facilities for the transfer of information between ITS stations	https://www.iso.org/obp/ui/#iso:std:iso:ts:17429:ed-1:v1:en
21	IT applications in transport	ISO 17438-4:2019	Intelligent transport systems — Indoor navigation for personal and vehicle ITS station — Part 4: Requirements and specifications for interface between personal/vehicle and central ITS stations	https://www.iso.org/obp/ui/#iso:std:iso:17438:-4:ed-1:v1:en
22	IT applications in transport	ISO 17572-4:2020	Intelligent transport systems (ITS) — Location referencing for geographic databases — Part 4: Precise relative location references (precise relative profile)	https://www.iso.org/obp/ui/#iso:std:iso:17572:-4:ed-1:v1:en
23	IT applications in transport	ISO 17573-1:2019	Electronic fee collection — System architecture for vehicle-related tolling — Part 1: Reference model	https://www.iso.org/obp/ui/#iso:std:iso:17573:-1:ed-1:v1:en
24	IT applications in transport	ISO/TS 17574:2017	Electronic fee collection — Guidelines for security protection profiles	https://www.iso.org/obp/ui/#iso:std:iso:ts:17574:ed-3:v1:en
25	IT applications in transport	ISO/TS 19082:2020	Intelligent transport systems — Definition of data elements and data frames between roadside modules and signal controllers for cooperative signal control	https://www.iso.org/obp/ui/#iso:std:iso:ts:19082:ed-1:v1:en

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26	IT applications in transport	ISO/TS 19091:2019	Intelligent transport systems — Cooperative ITS — Using V2I and I2V communications for applications related to signalized intersections	https://www.iso.org/obp/ui/#iso:std:iso:ts:19091:ed-2:v1:en
27	IT applications in transport	ISO 19297-1:2019	Intelligent transport systems — Shareable geospatial databases for ITS applications — Part 1: Framework	https://www.iso.org/obp/ui/#iso:std:iso:19297:-1:ed-1:v1:en
28	IT applications in transport	ISO/TS 19468:2019	Intelligent transport systems — Data interfaces between centres for transport information and control systems — Platform independent model specifications for data exchange protocols for transport information and control systems	https://www.iso.org/obp/ui/#iso:std:iso:ts:19468:ed-1:v1:en
29	IT applications in transport	ISO/TS 21177:2019	Intelligent transport systems — ITS station security services for secure session establishment and authentication between trusted devices	https://www.iso.org/obp/ui/#iso:std:iso:ts:19468:ed-1:v1:en
30	IT applications in transport	ISO 21218:2018	Intelligent transport systems — Hybrid communications — Access technology support	https://www.iso.org/obp/ui/#iso:std:iso:21218:ed-3:v1:en
31	IT applications in transport	ISO/TS 21219-21:2018	Intelligent transport systems — Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) — Part 21: Geographic location referencing (TPEG-GLR)	https://www.iso.org/obp/ui/#iso:std:iso:ts:21219:-21:ed-1:v1:en
32	IT applications in transport	ISO/TR 21718:2019	Intelligent transport systems — Spatio-temporal data dictionary for cooperative ITS and automated driving systems 2.0	https://www.iso.org/obp/ui/#iso:std:iso:tr:21718:ed-2:v1:en
33	IT applications in transport	ISO/TR 22085-1:2019	Intelligent transport systems (ITS) — Nomadic device service platform for micro-mobility — Part 1: General information and use case definitions	https://www.iso.org/obp/ui/#iso:std:iso:tr:22085:-1:ed-1:v1:en

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34	IT applications in transport	ISO/TR 22086-1:2019	Intelligent transport systems (ITS) — Network based precise positioning infrastructure for land transportation — Part 1: General information and use case definitions	https://www.iso.org/obp/ui/#iso:std:iso:tr:22086:-1:ed-1:v1:en
35	IT applications in transport	ISO 24097-1:2017	Intelligent transport systems — Using web services (machine-machine delivery) for ITS service delivery — Part 1: Realization of interoperable web services	https://www.iso.org/obp/ui/#iso:std:iso:24097:-1:ed-2:v1:en
36	IT applications in transport	MS ISO/TS 24530-1:2007 (CONFIRMED:2012)	Traffic and Travel Information (TTI) – TTI Via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) - Part 1: Introduction, Common Data Types and TPEGML (ISO/TS 24530-1:2006, IDT)	
37	IT applications in transport	MS ISO/TS 24530-2:2007 (CONFIRMED:2012)	Traffic and Travel Information (TTI) - TTI Via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) - Part 2: TPEG-LOCML (ISO/TS 24530-2:2006, IDT)	
38	IT applications in transport	MS ISO/TS 24530-3:2007 (CONFIRMED:2012)	Traffic and Travel Information (TTI) - TTI Via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) - PART 3: TPEG-RTMML (ISO/TS 24530-3:2006, IDT)	
39	IT applications in transport	MS ISO/TS 24530-4:2007 (CONFIRMED:2012)	Traffic and Travel Information (TTI) - TTI Via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) - PART 4: TPEG-PTIML (ISO/TS 24530-4:2006, IDT)	