



CEN/TC 278

ITS standardization

Programme of work

Projects under development



WI Number	Reference	Title	WG	VA	Stage	Stage date	Man dates	Direct ives
00278281	TBD	Electronic fee collection - Secure monitoring for autonomous toll systems - Trusted recorder	WG 1	No	00.60	2010-08-03	338	-
00278401	TBD	Intelligent transport systems - ESafety - Interoperability and user choice in 112 eCall aftermarket and third party eCall services	WG 15	No	00.60	2015-05-29		-
00278400	TBD	Intelligent transport systems - ESafety - ProForma agreements PSAPs and TPSPs	WG 15	No	00.60	2015-05-29		-
00278304	TBD	ITS Standardisation requirements for Freight, Logistics and Commercial Vehicle Operations	WG 2	No	00.60	2011-03-25		-
00278344	TBD	Intelligent transport systems - Public transport - Implementation specifications for IFM Systems	WG 3	No	00.60	2012-08-23		-
00278261	TBD	Public transport - European ticketless and ticket on departure for rail distribution	WG 3	No	00.60	2009-09-11	334	2008/57/EC
00278370	prEN 12896-4	Public transport - Public Transport Reference Data Model - Part 4	WG 3	No	00.60	2013-10-08		-
00278382	prCEN/TS 13149-9	Public Transport - Road Vehicle Scheduling and Control Systems - Part 9: IP-based Networking Inside A Vehicle, Information Services	WG 3	No	00.60	2014-06-16		-
00278352	TBD	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	WG 8	No	00.60	2013-06-03		2010/40/EU
00278329	TBD	Intelligent transport systems - Travel and traffic information - A multiple/cross-domain commonly agreed interface		No	00.60	2012-04-03		2010/40/EU
00278408	prCEN ISO/TS 16407-1 rev	Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-1 -- Part 1: Test suite structure and test purposes	WG 1	ISO Lead	10.99	2015-09-17	338	2004/54/EC
00278414	prEN ISO 16407-2 rev	Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-1 - Part 2: Abstract test suite	WG 1	ISO Lead	10.99	2015-10-22	338	2004/52/EC
00278417	prCEN ISO/TR 16401-1 rev	Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-2 - Part 1: Test suite structure and test purposes	WG 1	ISO Lead	10.99	2015-10-22	338	2004/54/EC
00278418	prCEN ISO/TR 16401-2	Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-2 - Part 2: Abstract test suite	WG 1	ISO Lead	10.99	2015-10-22	338	2004/52/EC
00278409	prEN ISO 16410-1	Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-3 -- Part 1: Test suite structure and test purposes	WG 1	ISO Lead	10.99	2015-09-17	338	2004/52/EC
00278415	prEN ISO 16410-2 rev	Electronic fee collection - Evaluation of equipment for conformity to ISO/TS 17575-3 - Part 2: Abstract test suite	WG 1	ISO Lead	10.99	2015-10-22	338	2004/52/EC
00278416	prCEN ISO/TS 17574 rev	Electronic fee collection - Guidelines for security protection profiles	WG 1	ISO Lead	10.99	2015-10-22		-
00278395	EN ISO 24534-	Automatic vehicle and equipment identification -- Electronic registration	WG 12	ISO	10.99	2015-04-24	338	-

	4:2010/prA1	identification (ERI) for vehicles -- Part 4: Secure communications using asymmetrical techniques		Lead					
00278386	EN ISO 17264:2009/pr A1	Intelligent transport systems - Automatic vehicle and equipment identification - Interfaces - Amendment 1	WG 12	ISO Lead	10.99	2014-09-01	338	-	
00278385	EN ISO 17262:2012/pr A1	Intelligent transport systems - Automatic vehicle and equipment identification - Numbering and data structures - Amendment 1	WG 12	ISO Lead	10.99	2014-09-01		-	
00278354	prEN ISO 19061	Intelligent transport systems - Automatic Vehicle and Equipment Registration (AVI/AEI) - Interoperable application profile for AVI/AEI and Electronic Register Identification using dedicated short range communication	WG 12	ISO Lead	10.99	2013-06-20		-	
00278384	EN ISO 14816:2005/pr A1	Road transport and traffic telematics - Automatic vehicle and equipment identification - Numbering and data structure - Amendment 1	WG 12	ISO Lead	10.99	2014-09-01	018	-	
00278419	prEN ISO 17419 rev	Intelligent transport systems - Cooperative ITS - Classification and management of ITS applications in a global context	WG 16	ISO Lead	10.99	2015-10-24	453	2010/40/EU	
00278403	prEN ISO 18750 rev	Intelligent transport systems - Cooperative ITS -- Local dynamic maps	WG 16	ISO Lead	10.99	2015-07-10	453	2010/40/EU	
00278393	prEN ISO 17427-1	Intelligent transport systems - Cooperative ITS - Part 1: Roles and responsibilities in the context of co-operative ITS architecture(s)	WG 16	ISO Lead	10.99	2015-02-10	453	2010/40/EU	
00278396	prCEN ISO/TS 19091	Intelligent transport systems - Cooperative ITS - Using V2I and I2V communications for applications related to signalized intersections	WG 16	ISO Lead	10.99	2015-05-11		2010/40/EU	
00278421	TBD	Electronic fee collection - Conformity evaluation of implementation to CEN/TS 16986 - Part 1: Test suite structure and test purposes	WG 1	No	10.99	2016-02-23	338	2004/52/EC	
00278422	TBD	Electronic fee collection - Conformity evaluation of implementation to CEN/TS 16986 - Part 2: Abstract test suite	WG 1	No	10.99	2016-02-23	338	2004/52/EC	
00278420	TBD	Intelligent transport systems - Public transport - Open API for distributed journey planning	WG 3	No	10.99	2016-02-08		-	
00278404	prCEN/TS 16794-1 rev	Public transport - Communication between contactless readers and fare media - Part 1: Implementation requirements for ISO/IEC 14443	WG 3	No	10.99	2015-08-13		-	
00278405	prCEN/TS 16794-2 rev	Public transport - Communication between contactless readers and fare media - Part 2: Test plan for ISO/IEC 14443	WG 3	No	10.99	2015-09-01		-	
00278361	TBD	Intelligent transport systems - Transport network ITS spatial data exchange	WG 7	No	10.99	2014-08-29		2010/	

		framework							40/EU
00278423	prEN 16157-1	Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 1: Context and Framework	WG 8	No	10.99	2016-03-17			2010/40/EU
00278398	prEN 16157-2	Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 2: Location referencing	WG 8	No	10.99	2015-05-29			2010/40/EU
00278399	prEN 16157-3	Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 3: Situation publication	WG 8	No	10.99	2015-05-29			2010/40/EU
00278424	prEN 16157-7	Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 7 Common data elements	WG 8	No	10.99	2016-03-17			2010/40/EU
00278288	prCEN ISO/TS 17429	Intelligent transport systems - Cooperative ITS - ITS station facilities for the transfer of information between ITS stations	WG 16	ISO Lead	30.99	2016-02-01	453		2010/40/EU
00278411	EN ISO 12813:2015/pr A1	Electronic fee collection - Compliance check communication for autonomous systems - Amendment 1 (ISO 12813:2015/DAmD 1:2016)	WG 1	ISO Lead	40.20	2016-03-17	338		2004/52/EC
00278413	prEN ISO 13140-2	Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to EN ISO 13141 - Part 2: Abstract test suite (ISO/DIS 13140-2:2016)	WG 1	ISO Lead	40.20	2016-02-11	338		-
00278392	prEN ISO 13143-2	Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to EN ISO/TS 12813 - Part 2: Abstract test suite (ISO/DIS 13143-2:2016)	WG 1	ISO Lead	40.20	2016-02-11	338		-
00278391	prEN ISO 13143-1	Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to ISO 12813 - Part 1: Test suite structure and test purposes (ISO/DIS 13143-1:2016)	WG 1	ISO Lead	40.20	2016-01-28	338		2004/52/EC
00278390	prEN ISO 13140-1	Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to ISO 13141 - Part 1: Test suite structure and test purposes (ISO/DIS 13140-1:2016)	WG 1	ISO Lead	40.20	2016-01-28	338		2004/52/EC
00278412	EN ISO 13141:2015/pr A1	Electronic fee collection - Localisation augmentation communication for autonomous systems - Amendment 1 (ISO 13141:2015/DAmD 1:2016)	WG 1	ISO Lead	40.20	2016-03-17	338		2004/52/EC
00278402	prEN ISO 15005	Road vehicles - Ergonomic aspects of transport information and control systems - Dialogue management principles and compliance procedures (ISO/DIS 15005:2016)	WG 10	ISO Lead	40.20	2016-01-28			-
00278345	prEN ISO 15008	Road vehicles - Ergonomic aspects of transport information and control systems - Specifications and test procedures for in-vehicle visual presentation (ISO/DIS 15008:2016)	WG 10	ISO Lead	40.20	2016-01-28			-
00278406	prEN 15876-1	Electronic fee collection - Conformity evaluation of on-board and roadside	WG 1	No	40.20	2016-02-11	338		2004/

		equipment to EN 15509 - Part 1: Test suite structure and test purposes							52/EC
00278407	prEN 15876-2	Electronic fee collection - Evaluation of on-board and roadside equipment for conformity to EN 15509 - Part 2: Abstract test suite	WG 1	No	40.20	2016-02-11	338	2004/52/EC	
00278394	prEN ISO 14823	Intelligent transport systems - Graphic data dictionary (ISO/DIS 14823: 2015)	WG 4	ISO Lead	40.60	2016-02-05			-
00278410	FprCEN ISO/TS 14907-2	Electronic fee collection - Test procedures for user and fixed equipment - Part 2: Conformance test for the on-board unit application interface (ISO/DTS 14907-2:2016)	WG 1	ISO Lead	50.20	2016-02-25			-
00278348	FprCEN/TS 16986	Electronic Fee Collection - Interoperable application profiles for information exchange between Service Provision and Toll Charging	WG 1	No	50.20	2016-03-10	338	2004/52/EC	
00278350	FprCEN/TS 16405	Intelligent transport systems - Ecall - Additional data concept specification for heavy goods vehicles	WG 15	No	50.60	2014-09-12			-
00278371	FprEN 12896-1	Public transport - Reference data model - Part 1: Common concepts	WG 3	No	50.60	2016-04-04			-
00278367	FprEN 12896-2	Public transport - Reference data model - Part 2: Public transport network	WG 3	No	50.60	2016-04-04			-
00278368	FprEN 12896-3	Public transport - Reference data model - Part 3: Timing information and vehicle scheduling	WG 3	No	50.60	2016-04-04			-
00278287	FprCEN ISO/TS 17425	Intelligent transport systems - Cooperative systems - Data exchange specification for in-vehicle presentation of external road and traffic related data (ISO/DTS 17425:2015)	WG 16	ISO Lead	60.55	2016-04-04	453	2010/40/EU	
00278381	FprCEN/TR 16968	Electronic fee collection - Assessment of security measures for applications using Dedicated Short-Range Communication	WG 1	No	60.55	2016-04-11			-
00278389	FprCEN/TR 16959	Public transport - Network and Timetable Exchange (NeTEx) - Examples, guidelines and explanatory materials	WG 3	No	60.55	2016-04-04			-
00278383	CEN/TS 15531-5:2016	Public transport - Service interface for real-time information relating to public transport operations - Part 5: Functional service interfaces situation exchange: Situation Exchange	WG 3	No	60.55	2016-02-25			-

CEN/TC 278 Road transport and traffic telematics

After more than two decades of development, Road Transport and Traffic Telematics, now more commonly referred to as Intelligent Transport Systems (ITS) is playing an ever greater role in increasing the efficiency of public and private transport, improving the driving experience and, most importantly, making a major contribution to road safety and reduction of energy consumption and pollution. ITS already control traffic flow, collect road tolls, provide timely traffic and guidance information, safety advisory information, crash notifications, emergency vehicle prioritization, and 'infotainment'.

CEN/TC 278 *Road transport and traffic telematics* is responsible for the development of European standards and technical specifications in the domain of Intelligent Transport Systems (ITS). ITS standards help to ensure interoperability across countries and harmonise technical solutions. The standardization areas include Cooperative systems, Travel and Traffic Information, Route Guidance and Navigation, Public Transport, Emergency vehicles and Electronic Fee Collection.

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