

C-ROADS CZ

Seznam C-ITS standardů

Verze 1.01

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Verze	Datum změny	Autor	Kontrola	Komentář / popis změn
1.00	11.11.2019	INTENS		První verze dokumentu
1.01	18.11.2019	INTENS, AŽD/RADOM		Doplnění a korekce verzí dokumentů

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1 Úvod

Tento dokument slouží jako seznam C-ITS standardů, kterými se řídí implementace v rámci projektu C-ROADS CZ. Jsou zde uvedeny názvy a čísla standardů včetně jejich verzí. Seznam vychází ze specifikací mezinárodní platformy C-Roads. Seznam může být průběžně aktualizován tak, aby odpovídal aktuálně platným specifikacím C-Roads Platformy.

Nejedná se o kompletní výčet standardů, které jednotlivé části C-ITS systému implementovaného partnery projektu C-ROADS CZ splňují, byly však vybrány konkrétní normy, u kterých by implementace jejich různých verzí mohla potenciálně způsobit problémy s kompatibilitou.

2 Seznam C-ITS standardů

Číslo	Označení dokumentu vč. verze	Název dokumentu
1	ETSI TS 103 301 V1.2.1 (2018-08)	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Facilities layer protocols and communication requirements for infrastructure services
2	ETSI TS 102 687 V1.2.1 (2018-04)	Intelligent Transport Systems (ITS); Decentralized Congestion Control Mechanisms for Intelligent Transport Systems operating in the 5 GHz range; Access layer part
3	ETSI EN 302 571 V2.1.1 (2017-02)	Intelligent Transport Systems (ITS); Radiocommunications equipment operating in the 5 855 MHz to 5 925 MHz frequency band; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
4	ETSI TS 102 965 v1.4.1 (2018-11)	Intelligent Transport Systems (ITS); Application Object Identifier (ITS-AID); Registration
5	ETSI TS 102 940 v1.3.1 (2018-04)	Intelligent Transport Systems (ITS); Security; ITS communications security architecture and security management
6	ETSI TS 102 941 v1.3.1 (2019-02)	Intelligent Transport Systems (ITS); Security; Trust and Privacy Management
7	ETSI TS 103 097 v1.3.1 (2017-10)	Intelligent Transport Systems (ITS); Security; Security header and certificate formats
8	ETSI EN 302 636-4-1 V1.3.1 (2017-08)	Intelligent Transport Systems (ITS); Vehicular Communication; Geonetworking; Part 4 Geographical addressing and forwarding for point-to-point and point-to-multipoint communications; Sub-part 1: Media-Independent Functionality
9	ETSI EN 302 636-5-1 V2.1.1 (2017-08)	Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 5: Transport Protocols; Sub-part 1: Basic Transport Protocol
10	ETSI EN 302 663 V1.2.1 (2013-07)	Intelligent Transport Systems (ITS); Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band
11	ETSI TS 103 175 V1.1.1 (2015-06)	Intelligent Transport Systems (ITS); Cross Layer DCC Management Entity for operation in the ITS G5A and ITS G5B medium
12	ETSI EN 302 931 V1.1.1 (2011-07)	Vehicular Communications; Geographical Area Definition
13	ETSI EN 302 637-2 V1.4.0 (2018-08)	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 2: Specification of Cooperative Awareness Basic Service
14	ETSI EN 302 637-3 v1.3.0 (2018-08)	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 3: Specifications of Decentralized Environmental Notification Basic Service
15	ETSI EN 302 665 V1.1.1 (2010-09)	Intelligent Transport Systems (ITS); Communications Architecture
16	ETSI TS 102 724 V1.1.1 (2012-10)	Intelligent Transport Systems (ITS); Harmonized Channel Specifications for Intelligent Transport Systems operating in the 5 GHz frequency band
17	ETSI TS 102 792 V1.2.1 (2015-06)	Intelligent Transport Systems (ITS); Mitigation techniques to avoid interference between European CEN Dedicated Short Range Communication (CEN DSRC) equipment and Intelligent Transport Systems (ITS) operating in the 5 GHz frequency range.
18	ETSI TS 102 894-2 V1.3.1 (2018-08)	Intelligent Transport Systems (ITS); Users and applications requirements; Part 2: Applications and facilities layer common data dictionary
19	ISO/TS 19321:2015 (2015-04-15)	Intelligent transport systems - Cooperative ITS - Dictionary of in-vehicle information (IVI) data structures



20	ETSI TS 103 248 V1.2.1 (2018-08)	Intelligent Transport Systems (ITS); GeoNetworking; Port Numbers for the Basic Transport Protocol (BTP)
21	ETSI TS 102 636-4-2 V.1.1.1 (2013-10)	Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications; Sub-part 2: Media-dependent functionalities for ITS-G5
22	ISO/TS 19091:2017	Intelligent transport systems -- Cooperative ITS -- Using V2I and I2V communications for applications related to signalized intersections
23	SAE J2735:2016	Dedicated Short Range Communications (DSRC) Message Set Dictionary
24	ETSI TS 101 539-1 V1.1.1 (2013-08)	Intelligent Transport Systems (ITS); V2X Applications; Part 1: Road Hazard Signalling (RHS) application requirements specification
25	ETSI TR 102 638 V1.1.1 (2009-06)	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Definitions

Konec dokumentu.