SLOVENSKI STANDARD
SIST-TS CEN ISO/TS 21189:2019

01-september-2019

Inteligentni transportni sistemi (ITS) - Kooperativni ITS - Zahteve za preskušanje in izjava o skladnosti izvedbe protokola (PICS) pro forma za CEN ISO TS 17426 (ISO/TS 21189:2019)

Intelligent transport systems - Cooperative ITS - Test requirements and Protocol Implementation Conformance Statement (PICS) pro forma for CEN ISO TS 17426 (ISO/TS 21189:2019)

Intelligente Verkehrssysteme - Kooperative ITS - Prüfanforderungen und pro-forma Konformitätsaussagen zur Protokollimplementierung (PICS) zur CEN ISO TS 17426 (ISO/TS 21189:2019)

Systèmes de Transport Intelligents - ITS Coopératifs - Exigences d'essais et Déclaration pro forma de conformité de l'implémentation du protocole de la norme CEN ISO TS 17426 (ISO/TS 21189:2019)

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03.220.01	Transport na splošno	Transport in general
35.240.60	Uporabniške rešitve IT v prometu	IT applications in transport

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (CEN ISO/TS 21189:2019) has been prepared by Technical Committee ISO/TC 204 "Intelligent transport systems" in collaboration with Technical Committee CEN/TC 278 “Intelligent transport systems” the secretariat of which is held by NEN.

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Endorsement notice

The text of ISO/TS 21189:2019 has been approved by CEN as CEN ISO/TS 21189:2019 without any modification.

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 204, *Intelligent transport systems*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The harmonized deployment of Cooperative ITS is expected to improve road safety, support traffic management, and reduce greenhouse gas emissions. Delivering Contextual Speed information to road users is a key component of this development.

The purpose of this document is to provide a mechanism whereby a supplier of an implementation of the requirements defined in ISO/TS 17426 may provide information about the implementation in a standardized manner.

According to ISO/TS 20026 and ETSI EG 202 798 V1.1.1 (2011-01), three deliverables should be developed to produce a complete set of Conformance Test Specifications for the Contextual Speed Information Service as defined in ISO/TS 17426:2016:

— Test requirements and Protocol Implementation Conformance Statement (PICS) pro forma;

— Test Suite Structure and Test Purposes (TSS & TP);

— Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) pro forma.

This document catalogues the Contextual Speed Information Service testable requirements, enabling to draft "Test Suite Structure and Test Purposes (TSS & TP)“ and "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) pro forma” deliverables.

The two last deliverables are however out of the scope of this document.