Template for the declaration on C-ITS standards conformity

CAR 2 CAR Communication Consortium

About the C2C-CC

Enhancing road safety and traffic efficiency by means of Cooperative Intelligent Transport Systems and Services (C-ITS) is the dedicated goal of the CAR 2 CAR Communication Consortium. The industrial driven, non-commercial association was founded in 2002 by vehicle manufacturers affiliated with the idea of cooperative road traffic based on Vehicle-to-Vehicle Communications (V2V) and supported by Vehicle-to-Infrastructure Communications (V2I). The Consortium members represent worldwide major vehicle manufactures, equipment suppliers and research organisations.

Over the years, the CAR 2 CAR Communication Consortium has evolved to be one of the key players in preparing the initial deployment of C-ITS in Europe and the subsequent innovation phases. CAR 2 CAR members focus on wireless V2V communication applications based on ITS-G5 and concentrate all efforts on creating standards to ensure the interoperability of cooperative systems, spanning all vehicle classes across borders and brands. As a key contributor, the CAR 2 CAR Communication Consortium and its members work in close cooperation with the European and international standardisation organisations.

Disclaimer

Document information

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Table 1: Document information

Changes since last release

Date	Changes	Edited by	Approved
2024-12-13	No changes	Release Management	Steering Committee
2024-07-12	Initial release	Release Management	Steering Committee

Table 2: Changes since last release

Table of contents

Introduction

This document is a template that can be used by an operator of C-ITS-Ss to declare conformity to related standards and profiles in C-ITS. This conformity declaration is required by the CPOC Protocol to become a part of the trusted C-ITS domain.

The following chapters of the document contain all the necessary attributes and information as required by the CPOC Protocol. Therefore, this document can be either used directly or it can be re-created by the entity that declares compliance in their own corporate design. If the document is re-created, only the following chapters have to be re-created. In that case, please ensure that none of the attributes / information get lost.

An initial version for content of this template was provided by Microsec Ltd., which was transferred into the C2C-CC corporate design.

Document number: …

Declaration on C-ITS standards conformity

Company's name:	The official name of the company
Company's address:	Official company address (street, number, postal code, city, country)
Company's identification nr.:	The official company registry number
Data of the contact person:	Name, title
	Email
	Phone
Data of the C-ITS Station-type:	Station's name, model type, version, etc – only insert one type of station per declaration form

I, Name of signer , as representative of above-mentioned company, herewith declare the following by signing this document:

The above-mentioned C-ITS devices to be operated by our company are full conformant with all relevant standards for interoperability, such as (but not limited to) the following standards:

- ETSI EN 302 665 (ITS); Communications Architecture,

  - ☐ V1.1.1 (2010-09) ☐ V_____
- ETIS EN 302 637-2 (ITS); Specification of Cooperative Awareness Basis Service,

  - ☐ V1.4.1 (2019-01) ☐ V_____
- ETSI EN 302 637-3 (ITS); Specifications of Decentralized Environmental Notification Basic Service,
  - ☐ V1.3.1 (2019-04) ☐ V_____
- ETSI TS 103 301 (ITS); Facilities Layer Protocols and communication requirements for infrastructure services
  - ☐ V2.1.1 (2021-03) ☐ V_____
- ETSI TS 102 941 (ITS); Trust and Privacy Management

  - ☐ V1.4.1 (2021-01) ☐ V_____
- ETSI TS 102 940 (ITS; ITS communications security architecture and security management
  - ☐ V1.3.1 (2018-04) ☐ V_____
- ETSI TS 103 097 (ITS); Security header and certificate formats,

- o ☐ V1.4.1 (2020-10)   ☐ V_____
- IEEE 1609.2 IEEE Security Services for Applications and Management Messages (only the relevant parts need to be complied with, as referenced by the ETSI standards)
  - o ☐ (2022-12)   ☐ _____

Furthermore, I declare that the above-mentioned C-ITS devices are fully conformant to the following system profile(s), and all normatively referenced standards therein:

☐ C2C-CC in Release 1.6._____

☐ C-Roads in Release 2.0._____

To support the above compliances, the corresponding Self-Assessment document is attached to this declaration. Exceptions from conformity to standards and / or profiles are listed in *Appendix A – Exceptions*. Assumptions that have been made for conformity to standards and / or profiles are listed in *Appendix B – Assumptions*.

I am making this declaration in connection with the following EU CCMS policy documents, in particular about the Level 1 requirements in Chapter 19 of the CPOC Protocol:

- EU C-ITS Certificate Policy – Certificate Policy for Deployment and Operation of European Cooperative Intelligent Transport Systems (C-ITS); Release 3.0, May 2024
- EU C-ITS Security Policy – Security Policy for Deployment and Operation of European Cooperative Intelligent Transport Systems (C-ITS); Release 3.0, September 2023
- European Commission: C-ITS Point of Contact (CPOC) Protocol, Release 3.0, January 2024

13.12.2024   …………………………………….

Date   Signature

Appendix A – Exceptions

None.

Appendix B – Assumptions

None.

Appendix C – Explanations for the Conformity Declaration

<This appendix may be deleted from the actual conformity declaration; it only serves as support in filling out the explanation>

Document number

This number is managed by the declaring company / organization. This number shall be a unique identifier for every declaration made.

Furthermore, this number helps to maintain the link between the internal document and the published / shared version of the document.

Data of the C-ITS Station type

Only one C-ITS Station per declaration is allowed (otherwise it is not clear, which station complies to which system profile)

This item shall provide a sufficient description to clearly identify the software and hardware configuration and versions of the implementation.

This can be for example a specific release of a composite of devices, e.g. a vehicle platform that includes the device under test as well as necessary input sensors (in a specific hardware and software version). This composite is fully responsible for all the data to generate (e.g. correctness of position, time, speed, heading, ...) because it contains all the sensors that deliver the information.

This could be also "just" the device under test (e.g. an aftermarket device), where auxiliary components, like an external GNSS-receiver, have been used for the tests to declare conformity. As some of the data providers (position, speed, heading, ...) are not in the scope of the device under test, the supplier of the device shall state assumptions under which his device would operate correctly. For more explanation on the assumptions, see section "Applicable Assumptions for the Conformity Declaration".

Profile Conformance

Declaration of full profile conformance

With the updated statement in the Security Policy v3 and the CPOC v3, full conformity is required, hence no limitations to the profile conformance apply.

Profile Version

The correct version shall be indicated. The default versions indicated in the template are the required minimal versions, newer version are acceptable, older versions are not. If one of the items is not applicable, keep the default version.

ECTL Level according to the CPOC Protocol

The ECTL Level for which the conformity declaration is intended shall be indicated in the last paragraph by the declaring organization (i.e. L0, L1, L2).

Applicable Exceptions

This section shall list all exceptions from the applicable standards and profiles. Such exceptions are allowed only for ECTL L0 for testing of new message types. If conformity to L1 or L2 is declared, no exceptions to standards and profiles are allowed and this appendix shall be empty.

Applicable Assumptions for the Conformity Declaration

See section "Data of the C-ITS Station type". In cases where not the entire C-ITS station is tested but just the V2X transceiver (i.e. under use of auxiliary devices providing information such as position), all assumptions made for the conformity declaration of the transceiver (e.g. on the input data and surrounding conditions) shall be listed. Example: "Under the assumption that the speed is compliant to RS_BSP_XYZ, the device is able to generate messages with correct speed information").

The set of assumptions depends on the device and system configuration. All assumptions shall be listed in the annex of the conformity declaration document.