

Release Overview

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 (C2C-CC). 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 manufacturers, equipment suppliers and research organisations.

Over the years, the C2C-CC has evolved to be one of the key players in preparing the initial deployment of C-ITS in Europe and the subsequent innovation phases. C2C members focus on wireless V2V communication applications based on Direct Communication 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 C2C-CC and its members work in close cooperation with the European and international standardisation organisations.

Disclaimer

The present document has been developed within C2C-CC and might be further elaborated within C2C-CC. C2C-CC and its members accept no liability for any use of this document and other documents from C2C-CC for implementation. C2C-CC documents should be obtained directly from the C2C-CC.

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Intellectual Property Rights – Essential patents

IPRs essential or potentially essential to profiles or specifications may have been declared to the C2C-CC. The declarations pertaining to these essential IPRs, if any, are publicly available for the C2C-CC members and non-members, and can be found in "Essential or potentially Essential IPRs notified to the C2C-CC in respect of C2C-CC profiles or specifications" ([C2CCC IPR R]), which is available with the latest update from the webpage (<https://www.car-2-car.org>) of the C2C-CC.

Pursuant to the C2C-CC's IPR Policy [C2CCC IPR P], no investigation regarding the essentiality of IPRs, including IPR searches, has been carried out by the C2C-CC. No guarantee can be given as to the existence of other IPRs not referenced in [C2CCC IPR R] (or the updates on the C2C-CC web server) which are, or may be, or may become, essential to the present document.

Document information

Number:	2000	Version:	n.a.	Date:	2025-12-19
Title:	Release Overview		Document Type:	TR	
Release	2.0.2				
Release status:	Public				
Status:	Final				

Table 1: Document information

Changes since last release

Release	Date	Changes	Edited by	Approved
2.0.2	2025-12-19	Initial release	Release Management	Steering Committee
		Introduced ETSI R2 terms for CAM and DENM		
		Implemented changes as of R1.6.9;		
	2025-07-11	Implemented changes as of R1.6.8		
	2024-12-14	Branched from R1.6.7		

Table 2: Changes since last release

Index

Table of contents

About the C2C-CC	1
Disclaimer	2
Intellectual Property Rights – Essential patents	2
Document information	3
Changes since last release	4
Index	5
List of figures	5
List of tables	5
1 Introduction	6
2 Scope	7
3 Conventions used	8
4 Deliverables	9
5 Change history	11
5.1 In general	11
5.2 Per document	11
6 Known issues	12

List of figures

None

List of tables

Table 1: Document information	3
Table 2: Changes since last release	4
Table 3: Deliverables	9
Table 4: Change history per document	11

1 Introduction

Other (informational)

TR_RelOv_00147

The CAR 2 CAR Communication Consortium is pleased to provide the release 1.6.7 on the 13th of December 2024.

2 Scope

Other (informational)

TR_RelOv_00146

This Release Overview provides information on the specifications which are part of this release, like:

- which deliverables are part of the release or
- what are the changes since the last release.

3 Conventions used

Other (informational)

TR_RelOv_00152

Conventions used in this and other C2C-CC specification documents can be found in [C2CCC ConV].

4 Deliverables

The following table shows all documents which are part of this release (1.6.7):

Table 3: Deliverables

UID	Abbre via tio n	Symbol for Referencing	Long Name	File Name
200 0	ReIov	[C2CCC ReIov]	Release Overview	C2CCC_TR_2000_ReleaseOverview.pdf
200 2	tcAdWe	[C2CCC tc Docs]	Triggering Conditions and Data Quality Adverse Weather Conditions	C2CCC_RS_2002_AdverseWeather.pdf
200 3	tcDaSi		Triggering Conditions and Data Quality Dangerous Situation	C2CCC_RS_2003_DangerousSituation.pdf
200 4	tcIRC		Triggering Conditions and Data Quality Exchange of IRCS	C2CCC_RS_2004_ExchangeofIRC.pdf
200 5	tcSpVe		Triggering Conditions and Data Quality Special Vehicle Warning	C2CCC_RS_2005_SpecialVehicle.pdf
200 6	tcStVe		Triggering Conditions and Data Quality Stationary Vehicle Warning	C2CCC_RS_2006_StationaryVehicle.pdf
200 7	tcTrJa		Triggering Conditions and Data Quality Traffic Condition	C2CCC_RS_2007_TrafficCondition.pdf
203 5	OBJ	[C2CCC OBJ]	Objectives	C2CCC_RS_2035_Objectives
203 6	FEA	[C2CCC FEA]	Features	C2CCC_RS_2036_Features
203 7	BSP	[C2CCC BSP]	Vehicle C-ITS station Profile	C2CCC_RS_2037_Profile
205 2	Refs	[C2CCC Refs]	Reference list	C2CCC_RS_2052_References
205 3	Glos	[C2CCC Glos]	Glossary	C2CCC_TR_2053_Glossary
205 6	HSM	[C2CCC HSM]	Protection Profile V2X Hardware Security Module	C2CCC_PP_2056_HSM
208 6	ConV	[C2CCC ConV]	Conventions used	C2CCC_TR_2086_Conventions
230 2	VCS	[C2CCC VCS]	Protection Profile Vehicle C-ITS Station	C2CCC_PP_2302_VCS
230 5	DENM M	[C2CCC DENMM]	Mapping between DENM and other message formats	C2CCC_TR_2305_DENM_Mapping

UID	Abbre viatio n	Symbol for Referencing	Long Name		File Name
230 9	AS	[C2CCC AS]	Assessment Sheet for C-ITS standards conformity		C2CCC_TR_2309_Asses smentSheet
231 0	AG	[C2CCC AG]	Guide for C-ITS standards conformity		C2CCC_WP_2310_Asse ssmentGuide
231 1	AT	[C2CCC AT]	Template for the declaration on C-ITS standards conformity		C2CCC_TR_2311_Asses smentDeclarationTemplate
232 1	URD	[C2CCC tcURD]	Triggering Conditions and Data Quality Unresponsive Driver		C2CCC_RS_2321_Unres ponsiveDriver
232 2	WWD	[C2CCC tc Docs]	[C2CCC tcWWD]	Triggering Conditions and Data Quality Wrongway Driver	C2CCC_RS_2322_Wron gwayDriver

The entries of column 'Symbol for Referencing' are used to reference documents of this release. Furthermore, the symbol: [C2CCC tc Docs] represents all Triggering Condition documents as in the table above.

5 Change history

5.1 In general

The achievements of this release are:

- Initial release of R2 Profile and Triggering Conditions

5.2 Per document

The following table shows the changes since the last release per document:

Table 4: Change history per document

UID	Long Name	History
2000	Release Overview	<ul style="list-style-type: none"> Initial release
2002	Triggering Conditions and Data Quality Adverse Weather Conditions	<ul style="list-style-type: none"> Initial release
2003	Triggering Conditions and Data Quality Dangerous Situation	<ul style="list-style-type: none"> Initial release
2004	Triggering Conditions and Data Quality Exchange of IRCs	<ul style="list-style-type: none"> Initial release
2005	Triggering Conditions and Data Quality Special Vehicle Warning	<ul style="list-style-type: none"> Initial release
2006	Triggering Conditions and Data Quality Stationary Vehicle Warning	<ul style="list-style-type: none"> Initial release
2007	Triggering Conditions and Data Quality Traffic Condition	<ul style="list-style-type: none"> Initial release
2035	Objectives	<ul style="list-style-type: none"> Detailed definition of PTW in RS_OBJ_00149
2036	Features	<ul style="list-style-type: none"> Minor editorial changes
2037	Vehicle C-ITS station profile	<ul style="list-style-type: none"> Initial release
2052	Reference list	<ul style="list-style-type: none"> Initial release
2053	Glossary	<ul style="list-style-type: none"> Initial release
2086	Conventions used	<ul style="list-style-type: none"> Initial release
2321	Triggering Conditions and Data Quality Unresponsive Driver	<ul style="list-style-type: none"> Initial release
2322	Triggering Conditions and Data Quality Wrongway Driver	<ul style="list-style-type: none"> Initial release

6 Known issues

none