

IPR Report in respect of C2C-CC profiles or specifications

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 manufactures, equipment suppliers and research organisations.

Over the years, 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-CC 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, 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

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Table 1: Document information

Changes since last release

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2025-12-19	Initial release	Release Management	Steering Committee

Table 2: Changes since last release

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1 Introduction

The present document identifies IPRs, particularly patents and patent applications, which have been notified to C2C-CC as being Essential, or Potentially Essential, to C2C-CC profiles or specifications

The present document has been prepared on the basis of information received. C2C-CC has not checked the validity of the information, nor the relevance of the identified patents/patent applications to the C2C-CC profiles and specifications and cannot confirm, or deny, that the patents/patent applications are, in fact, essential, or potentially Essential. No investigation, or IPR searches, have been carried out by C2C-CC and therefore no guarantee can be given concerning the existence of other IPRs which are, or may become, essential. It should also be noted that whilst C2C-CC members are not obliged to conduct IPR searches they are obliged to make reasonable efforts to inform C2C-CC of any Essential IPRs of which they become aware (C2C-CC IPR Policy: <https://www.car-2-car.org/about-us/ipr-policy>)

The present document will be maintained by C2C-CC and further editions will be issued as, and when, necessary. Any errors in the information contained in the present document, or any additional information concerning

Essential IPRs, of which readers of the present document become aware, should be notified to C2C-CC (Contact@car-2-car.org).

NOTE: The present document is also available at <https://www.car-2-car.org/about-us/ipr-report>

2 Scope

The present document identifies IPRs, particularly patents and patent applications, which have been notified to C2C-CC as being Essential, or potentially Essential, to C2C-CC profiles and specifications.

Unless otherwise specified, all IPRs included into the present document have been notified to C2C-CC, with an undertaking from the owner to grant licences according to the terms and conditions of the C2C-CC IPR policy

3 References

[C2CCC IPR R]

This document, IPR Report in respect of C2C-CC profiles or specifications;
<https://www.car-2-car.org/about-us/ipr-report>

[C2CCC IPR P]

C2C-CC IPR Policy, <https://www.car-2-car.org/about-us/ipr-policy>

4 Terms and Abbreviations

Term / Abbreviation	Meaning
Essential	<p>As applied to IPR means that it is not possible on technical (but not commercial) grounds, taking into account normal technical practice and the state of the art generally available at the time of standardization, to make, sell, lease, otherwise dispose of, repair, use or operate equipment or methods which comply with a profile or specification without infringing that IPR.</p> <p>For the avoidance of doubt in exceptional cases where a profile of specification can only be implemented by technical solutions, all of which are infringements of IPRs, all such IPRs shall be considered essential.</p> <p>NOTE: In practical terms, the existence of an essential IPR makes it necessary to have a license in order to exploit the standard concerned.</p>
IPR	<p>Shall mean any intellectual property right conferred by statute law including applications therefore other than trademarks.</p> <p>For the avoidance of doubt rights relating to get up, confidential information, trade secrets or the like are excluded from the definition of IPR.</p>
Notified	Means any IPR information of which C2C-CC has been formally notified by the owner of the IPR or, any IPR information of which C2C-CC has become aware, pursuant to the IPR Policy
Profile or Specification	<p>Shall mean any profile or specification adopted by C2C-CC including options therein or amended version including drafts, the profiles or specifications of which are available to all members, but not including any technical specifications, or parts thereof, not made by C2C-CC.</p> <p>The date on which a profile or specification is considered to be adopted by C2C-CC for the purposes of this policy shall be the date on which the technical content of that profile or specification was available to all members.</p>

5 Notified IPRs

5.1 General

The Licensing Declarations given for the IPRs are listed in the next clause 5.2 Notifications.

C2C-CC has not checked the validity of the information, nor the relevance of the identified IPRs to the profiles or specifications and cannot confirm, or deny, that the IPRs are, in fact, essential, or potentially essential. No investigation, or IPR searches, have been carried out by C2C-CC and therefore no guarantee can be given concerning the existence of other IPRs which are, or may become, essential.

It shall be noted that C2C-CC Profiles and Specification might refer normatively to third party documents and specifications, for any potential IPRs related to these please refer to the IPR policy of those third parties. This as IPRs that potentially are Essential for implementation of the referenced third-party documents and specifications are to be notified to the corresponding third party and not C2C-CC.

5.2 Notifications

Essential, or potentially essential, IPRs in respect of which a notification followed by a Licensing Declaration has been given by the IPR owner and for which licences are available on fair, reasonable and non-discriminatory terms, in accordance with the C2C-CC IPR Policy. The C2C-CC IPR Policy can be found at <https://www.car-2-car.org/about-us/ipr-policy>.

-- There are no notifications yet --