

# Reference to Protection Profile V2X Hardware Security Module (version 1.0.1)

CAR 2 CAR Communication Consortium



**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 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 CAR 2 CAR Communication Consortium works in close cooperation with the European and international standardisation organisations such as ETSI and CEN.

Common Criteria Certificate:

[https://www.bsi.bund.de/SharedDocs/Zertifikate\\_CC/PP/aktuell/PP\\_0114.html](https://www.bsi.bund.de/SharedDocs/Zertifikate_CC/PP/aktuell/PP_0114.html)

## Disclaimer

---

The present document has been developed within the CAR 2 CAR Communication Consortium and might be further elaborated within the CAR 2 CAR Communication Consortium. The CAR 2 CAR Communication Consortium and its members accept no liability for any use of this document and other documents from the CAR 2 CAR Communication Consortium for implementation. CAR 2 CAR Communication Consortium documents should be obtained directly from the CAR 2 CAR Communication Consortium.

Copyright Notification: No part may be reproduced or distributed to others without being authorised by written permission, except for the purpose of creating documents required for a product certification under Common Criteria scheme claiming this Protection Profile. The copyright and the foregoing restriction extend to reproduction in all media. © 2025, CAR 2 CAR Communication Consortium.

## 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

<b>Number:</b>	2056	<b>Version:</b>	n.a.	<b>Date:</b>	2025-12-19
<b>Title:</b>	Reference to Protection Profile V2X Hardware Security Module (version 1.0.1)		<b>Document Type:</b>	PP	
<b>Release</b>	1.6.9				
<b>Release Status:</b>	Public				
<b>Status:</b>	Final				

**Table 1: Document information**

**Changes since last release**

Release	Date	Changes	Edited by	Approved
1.6.9	2025-12-19	No change	Release Management	Steering Committee
1.6.8	2025-07-11	No change	Release Management	Steering Committee
1.6.7	2024-12-13	No change	Release Management	Steering Committee
1.6.6	2024-07-12	No change	Release Management	Steering Committee
1.6.5	2023-12-15	No change	Release Management	Steering Committee
1.6.4	2023-07-21	No change	Release Management	Steering Committee
1.6.3	2022-12-16	No change	Release Management	Steering Committee
1.6.2	2022-07-22	No change	Release Management	Steering Committee
1.6.1	2021-12-17	Initial release of this reference document to the certified Protection Profile itself as release in R1.6.0	Release Management	Steering Committee

**Table 2: Changes since last release**

---

**Contents**

---

About the C2C-CC.....	1
Disclaimer.....	2
Intellectual Property Rights – Essential patents .....	2
Document information.....	3
Changes since last release.....	4
Contents .....	5
1 Reference.....	6

## 1 Reference

---

C2C\_reference

PP\_HSM\_999

The certified *Protection Profile V2X Hardware Security Module* (version 1.0.1) can be found here: [https://www.car-2-car.org/fileadmin/documents/Basic\\_System\\_Profile/Release\\_1.6.0/C2CCC\\_PP\\_2056\\_HSM\\_V1.0.pdf](https://www.car-2-car.org/fileadmin/documents/Basic_System_Profile/Release_1.6.0/C2CCC_PP_2056_HSM_V1.0.pdf) as part of CAR 2 CAR Communication Consortium's release 1.6.0 as it was initially published as certified document.