

Glossary 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

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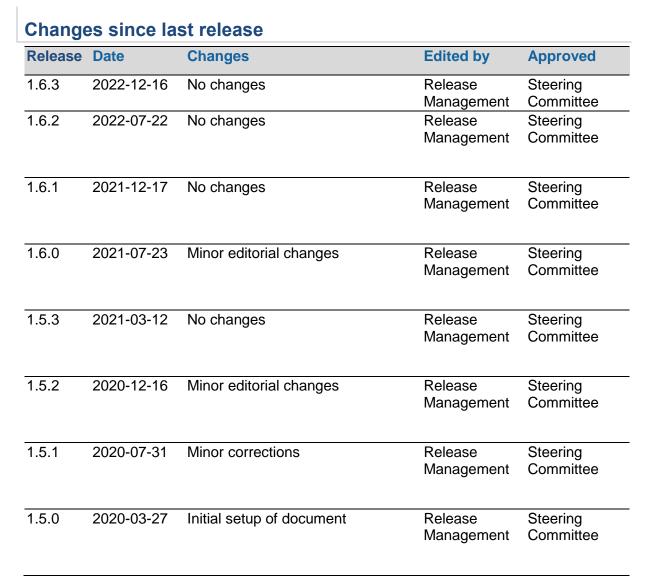
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Table 1: Document information



CAR 2 CAR

Table 2: Change since last release

CAR 2 CAR Communication Consortium



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1 Introduction and Scope

Other (informational)

TR_Glos_00147

This document provides abbreviations used within the CAR 2 CAR Communication Consortium specifications.

This glossary is the general CAR 2 CAR Communication Consortium Glossary. It might be extended by:

- abbreviation clauses in single specifications or
- other glossaries in further CAR 2 CAR Communication Consortium releases, e.g. Test Specifications



2 Abbreviations

All abbreviations which are used within CAR 2 CAR Communication Consortium specifications are listed below in an alphabetical order.

Other (informational)

TR_Glos_01000

	Table 3: Abbreviations
Abbreviation	Meaning
AA	Authorization Authority
ABS	Anti-lock Braking System
AEB	Autonomous Emergency Braking
ASN.1	Abstract Syntax Notation One
ASR	Anti-Slip Regulation
AT	Authorization Ticket, a.k.a. Pseudonym Certificate (PC)
AUT	Automatic Transmission
BSP	Vehicle C-ITS station Profile
BTP	Basic Transport Protocol
C2C-CC	Car2Car Communications Consortium
CA	Certification Authority
CAM	Cooperative Awareness Message
CBR	Channel Busy Ratio
CCMS	C-ITS Security Credential Management System
CDD	Common Data Dictionary
C-ITS	Cooperative ITS
CL	Channel Load
СРМ	Collective Perception Message
DCC	Decentralized Congestion Control
DEN	Decentralized Environmental Notification
DENM	DEN Message
DSRC	Dedicated Short Range Communication
EAL	Evaluation Assurance Level
EC	Enrolment Credentials, a.k.a. Long-Term Certificate (LTC)
ECC	Elliptic Curve Cryptography
ECDSA	Elliptic Curve Digital Signature Algorithm
ECE	Economic Commission for Europe
ECIES	Elliptic Curve Integrated Encryption Scheme
EDR	ETSI Drafting Rules
ETSI	European Telecommunications Standards Institute
FCW	Forward Collision Warning
FIPS	Federal Information Processing Standard
GBC	Geo Broadcast
GN	Geo Networking
GNSS	Global Navigation Satellite System
HSM	Hardware Security Module

CAR 2 CAR Communication Consortium



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OSP Organi PCI Pre-Cra PKI Public PoTi Positio PP Protect	isational Security Policy ash Information Key Infrastructure on and Time tion Profile
PCI Pre-Cra PKI Public PoTi Positio PP Protect	ash Information Key Infrastructure on and Time tion Profile
PKI Public PoTi Positio PP Protect	Key Infrastructure on and Time tion Profile
PoTi Positio PP Protect	n and Time tion Profile
PP Protect	tion Profile
PTW Powere	ed Two Wheeler (motorcycles and scooters)
	ed Two Wheeler (motorcycles and scooters)
PTx Transm	nit Power
RFC Reques	st For Comments
SAE Society	y of Automotive Engineers
SCF Store C	Carry Forward
SDO Standa	ards Developing Organization
SFR Securit	ty Functional Requirement
SHB Single	Hop Broadcast
SPaT Signal,	Phase and Timing Message [SAE J2735 2016-01]
SPATEM Signal,	Phase and Timing Extended Message [ISO/TS 19091 2019-06]
SSP Service	e Specific Permissions
ST Securit	ty Target
	Atomique International
TC Traffic	class
TC ID Traffic	Class Identifier
TOE Target	Of Evaluation
TRCO Trigger	ring Condition
TSF TOE Se	ecurity Functionality
	o Collision
UTC Coordi	inated Universal Time
	e to Vehicle
	e to anything
	e C-ITS station
	ng Group
	Geodetic System