

3G	3rd generation of mobile telecommunications technology		
4G	4th generation of mobile telecommunications technology		
ACC	Adaptive Cruise Control		
Accreditation	Process to certify competency, authority, or credibility		
Archimate®	An open and independent modelling language for enterprise architecture		
Actor	Companies/institution/... , that fulfils one or multiple roles. Multiple actors (companies/institutions/...) can fulfill a role.		
API	Application Programming Interface		
ASN.1	Abstract Syntax Notation No. 1		
AU	Application Unit (in IRS or IVS)		
Authentication	The process of proving one's identity (possibly a pseudonymous identity)		
Authorization	The process of giving an entity access to a resource or allowing an entity a specific action. The decision is usually based on previous authentication.		
Authorized Pseudonym	Denotes a pseudonym which is authorized to participate in the Car2X Systems Network		
BSA	Basic Set of Applications		
BTP	Basic Transport Protocol		
C2C/Car2Car	Car-to-Car respectively vehicle-to-vehicle Communication; information exchange between vehicles using ETSI G5; the term is now replaced by „V2V“		
C2I/Car2Infra-structure	Car-to-Infrastructure respectively vehicle-to-infrastructure Communication; information exchange between vehicles and infrastructure using ETSI G5; the term is now replaced by „V2I“		
C2X /Car2X	Car-2-X Communication (generic term: X is either infrastructure or car); including communication between vehicles as well as between vehicles and infrastructure; the term is now replaced by „V2x“		
CA	Certification Authority		
CAN bus	Controller Area Network bus		
CAM	Co-operative Awareness Message		
CBF	Contention Based Forwarding (Geo Broadcast)		
CCU	Communication And Control Unit (in IRS or IVS)		
CEN	Comité Européen de Normalisation; English: European Committee for Standardization		
CN-[A .. Z]	Company Name – [A .. Z]		
CONVERGE	COmmunication Network VEhicle Road Global Extension		
DAB	Digital Audio Broadcasting		
Data exchange network	Functional part of the ITS-SN that is providing means to exchange data between service providers and other mobile or non-mobile service providers as well as service users		
DATEX II	Second generation of a standard for the		exchange of traffic related data which can be used by all actors in the traffic sector (www.datex2.eu).
		dB	Decibels (German: „Dezibel“)
		DCC	Distributed Congestion Control
		DENM	Decentralized Environmental Notification Message
		dWiStA	Dynamischer Wegweiser mit integrierten Stauinformationen – variable message sign for providing route recommendation and traffic jam information
		CONVERGE Demonstrator	A demonstrator will exist to prove the concept of the Car2X Systems Network
		EIRP	Equivalent isotropically radiated power (radio communications)
		EN	Europäische Norm (European Standard); usually deployed as „ETSI EN uniqueID“
		ETSI	European Telecommunications Standards Institute
		ETSI G5	G5 (Wi-Fi) communication standard for vehicular communication, standardized by ETSI in standard ETSI ES 202 663
		ETSI ITS G5	ETSI term for „IEEE 802.11p“
		ETSI ITS-G5A	ITS Frequency band 5,875 GHz to 5,905 GHz dedicated for safety related applications
		FCD	Floating Car Data
		Goal	A statement that describe what the project will accomplish, or the business value the project will achieve
		ICS	ITS Central Station
		IEEE	Institute of Electrical and Electronics Engineers
		IRS	ITS Roadside Station
		ITS	Intelligent Transport System
		ITS-S	Intelligent Transport System Station
		IVS	ITS Vehicle Station respectively any Mobile ITS Node (e.g. smartphone)
		LAN	Local Area Network
		LDM	Local Dynamic Map
		LHW	Local Hazard Warning
		LOS	Level of Service
		LTE	Long Term Evolution (4G)
		MAC	Media Access Control
		MDM	German Mobility Data Marketplace
		MIMO	Multiple-Input and Multiple-Output, is the use of multiple antennas at both the transmitter and receiver to improve communication performance
		MNO	Mobile Network Operator
		MSDU	MAC service data unit (MAC layer)
		N&T Layer	Network & Transport Layer
		OBU	On-board Unit
		Operator-open systems network	A set of elements, interfaces and rules that allows interconnection of service providers with

	other mobile or non-mobile service providers or service users via heterogeneous communication networks		
OSI	Open Systems Interconnection	UMTS	Universal Mobile Telecommunications System (3G)
PHY	Physical layer	Use Case – UC	A use case is used to describe the system behaviour on a high level. It typically defines external system behaviour from a user perspective respectively it declares interactions between a role (known in UML as an "actor") and a system, to achieve a measurable goal. The actor can be a human or an external system.
PKI	Public Key Infrastructure	User Story	Descriptive way of formulating software requirements. The aim is to describe the system from the user perspective. A User Story can be seen as a script for a demonstrator to be developed. Based on the identified Use Cases and Requirements it should be possible to realize a User Story.
Plug and play service integration	Possibility to integrate new services into the ITS-SN or remove services from the ITS-SN without major influence on the live operation of the ITS-SN	UTC	Coordinated Universal Time
PVD	Probe Vehicle Data	V2I	Vehicle-to-infrastructure
pWLAN	acronym for ITS G5 (IEEE 802.11p)	V2V	Vehicle-to-Vehicle
QoS	Quality of Service	V2X	Vehicle-to-X (generic term: X is either infrastructure or vehicle)
RDS-TMC	Radio Data System – Traffic Message Channel	VAU	Vehicle AU
Requirement – REQ	A requirement describes a condition or capability to which a system must conform; either derived directly from user needs, or stated in a contract, standard, specification, or other formally imposed document.	Verification and Validation	Process of checking that the system meets its specifications and that it fulfils its intended purpose. With verification, giving answers to “Am I building the product right?” and validation giving answers to “Am I building the right product?”
Role	Roles are considered as a set of actions. Whereby a role is strong for action bundles, which are full complementary. A role can be characterized as weak if the relation between some actions is neutral. The bundling of actions to a role is determined by a given objective. Conflicting actions are not in a set of actions for a role. The set of actions for a role is limited to the capabilities of the actor. <ul style="list-style-type: none"> Institutional roles are the expression to clarify that the actor of the role is an institution. Individual roles are the expression to clarify that the actor of the role is an individual. 	Visionary Scenario	Description of how the Car2X Systems Network might influence ITS in the future in terms of co-operation between service provider, communication network provider, traffic infrastructure and the end user respectively the vehicles.
RSU	Roadside Unit	VZH	Verkehrszentrale Hessen (Traffic Management Center of the Federal State of Hesse in Germany; located in Frankfurt / Main)
RWW	Roadworks Warning	WLAN	Wireless LAN
SDK	Software Development Kit	WWW	Wechselwegweiser – dynamic route guiding boards
SEC	Security	www	World Wide Web
Service	Intangible equivalent of economic goods, e.g. a communication service offered by a communication network provider or a traffic information service offered by a traffic control centre.		
SHB	Single-Hop Broadcasting		
sim^{TD}	Sichere Intelligente Mobilität Testfeld Deutschland		
SP	Service Provider		
TAI	Temps Atomique International (International Atomic Time)		
TC/TCC	Traffic (Control) Centre		
TCP	Transmission Control Protocol		
TPC	Transmit power control		
TRC	Transmit rate control		
TS	Technical Specification; usually deployed as „ETSI TS uniqueID“		
UDP	User Datagram Protocol		
UML	Unified Modelling Language		