



Open Communication Interface for Road Traffic Control Systems

**OCIT-Center to Center
Release Notice Version
1.2**

OCIT-C_Release_Notes_V1.2_R1

OCIT Developer Group (ODG)

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Document history

Version	Date	Distribution List	Comment
V1.2_R1	16.12.2016	PUBLIC	Version 1.2 Release 1

1 Classification

The versions of the documents and XSD files valid at the time of release are listed in this document. The versions and version number of this document is depicted by the higher-level version. The valid documentation is published at <http://www.ocit.org/download.htm>.

1.1 Numbering template

All OCIT central to central (OCIT-C) specifications must be labelled in accordance with the following template:

V.... Version 1 to xxx

R.... Release 1 to xxx

Examples for documents:

OCIT-C_Protocol_V2_R1 (*Version 2, Release 1.*)

The OCIT-C software modules are designated using the following template:

version = "vyxx"

v: Main version **y:** Secondary version **xx:** sequential numbers

Example for XSD data:

The versions of the XSD files are carried out independently. The various versions are compiled into a release.

Version 1.2 first xsd **>1201**

Version 1.2 second xsd **>1202**

Version 2.0 first xsd **>2001**

2 OCIT-C Version 1.2

The OCIT-C Version 1.2 corresponds to the standard DIN V VDE V 0832 - Road traffic signal systems - Part 601 and 602: Interface between central components for exchanging traffic-related data.

The interface is based on the following specifications:

Documents		
File name and version	Contents	
OCIT-C_Release_Notes_V1.2_R1	Release notices	
OCIT-C_Daten_V1.2_R1	Description of data	
OCIT-C_Protocol_V1.2_R1	Description of the protocol	
OCIT-C TSS supply data_V1.2_R1	Description of the TSS supply data	
Schema		
File name	Version	Contents
binary_container.xsd	1_D10	Binary data container
cctv.xsd	1_D10	Camera data
control.xsd	1_D10	Strategies
detector_ext.xsd	1_D3	Data for individual detectors
environmentsensor.xsd	1_D10	Weather and environmental data
global_data.xsd	1_D11	Common data structure
infopoint_data.xsd	1_D10	Signs
intersection_config_data.xsd	2002	Intersection supply data (compliant with supply data from the OCIT-O based traffic controller TSS)
intersection_config_data_ap_values.xsd	2001	Data catalogue of AP values
intersection_config_data_ap_values_STANDARD_D.xml	1	Data catalogue of STANDARD AP values
intersection_config_data_block_assignment.xml	17	Block assignment
intersection_config_data_block_assignment.xsd	2002	Block assignment
intersection_config_data_communication.xsd	1_D10	Communication log

intersection data.xsd	1_D11	Intersection control data
intersection raw data.xsd	2_D1	Intersection raw data
OCIT Cif.wsdl	1	WSDL
OCIT Cimpl.wsdl	1	WSDL
ocitc.xsd	1	W3C XML Schema
operating_messages.xsd	1_D11	Operating messages
parking.xsd	1_D10	Parking data
protokoll.xsd	2_D2	Transport protocol
Public Transport ExtendedTelegram.xsd	1	PT extended telegrams
Public Transport Telegram.xsd	1_D10	PT telegram
publictransport_data.xsd	1_D10	Public transport passenger information
sign.xsd	1_D10	Sign control
traffic data.xsd	1_D12	Traffic data
traffic_messages.xsd	1_D10	Traffic messages

3 Additions and revisions

The functional scope has been expanded in this version and the descriptive text has been revised.

- Referencing

The references to OCIT-I have been changed to OCIT-C in all documents.

- Control clock priority

The value range in the definition file "intersection_config_data.xsd" has been adjusted for the priority. Only a priority from 1 to 9 is permitted. A supply with the priority 0 is not permitted. Additionally, the defaultPriority is listed for each supply type.

- Object identification

The object identification is, in terms of the identifier, open to all data sources. Therefore, the IDs can be freely definable in principle.

- Object filter

Object filters are a standard server function and must be supported as specified here. When calling data through the client, an optional filter list can be specified using the protocol's "inquireAll" and "get" methods.

- Reporting points of a reporting section

The reporting points of a reporting section always relate to a PT reporting point from the PT reporting point list. The PT reporting point itself can be triggered by radio telegrams or by sensors. The name of the reporting point in a PT reporting section must not be the same as the name of the reference PT reporting point.

- Switch on and off program

A switch time is to be specified, but not necessarily at the zero second. Optionally however, the zero second can be specified.

The value range of the switch time has been changed to 1 - 254.

- OITD number in IP notation

The short name <ShortName> must be the OITD number and is to be written in IP notation.

- User program values (AP values)

Inclusion of a table with standardised AP values in OCIT-C. (TX, PH, UE)

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