

# Release Presentation

ASAM AE MCD3-D V3.0.0

Telko, 2011-07-20 (ASAM TSC Meeting)



# Deliverables

## Generic Model

- ASAM\_AE\_MCD-3\_D\_AnalysisModel\_V3-0-0.mdl
- ASAM\_AE\_MCD-3\_D\_HTML-Export\_V3-0-0.zip

## Documents

- ASAM\_AE\_MCD-3D\_BS\_1\_4\_ProgrammersGuide\_V3-0-0.pdf

## TechnologyReferences (incl. mapping rules, interface source code)

- COM
- Java
- C++

## Templates for Jobs and Compucode in Java

# Introduction

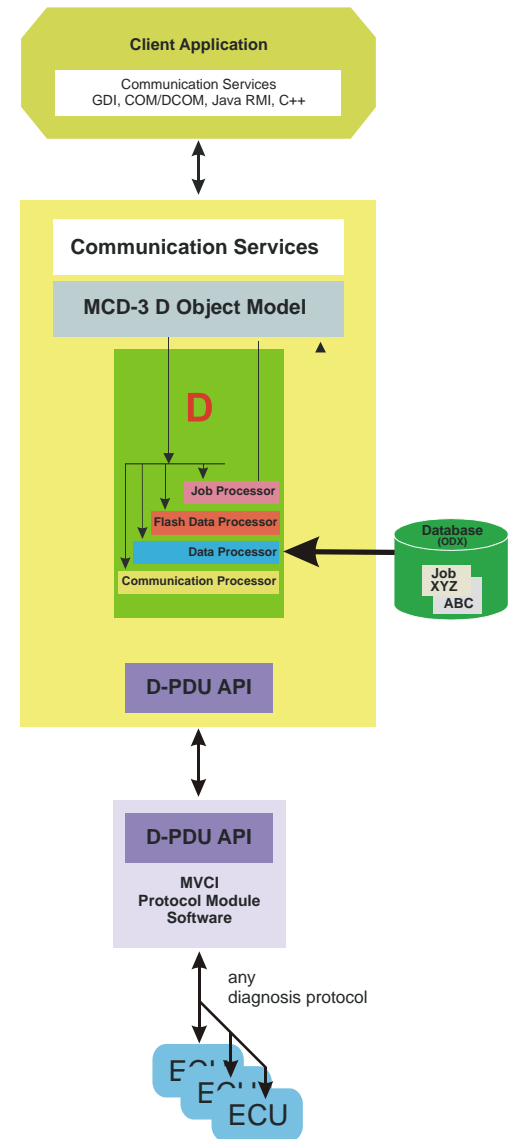
This standard focuses on the description of an object oriented programming interface, called MCD-3D, which is the access point for client applications.

The standard will be used for diagnostic purposes in the areas of design, production and especially maintenance of control units in vehicles. Several ECU's are accessed in parallel.

The Modular Vehicle Communication Interface (MVCI) server has to manage the data base and to provide the required and necessary information for the single MVCI diagnostic server objects.

In the standard is the collaboration with ODX data and the PDU-API for this purpose described.

Main advantage is the encapsulation of the vendor specific vehicle communication interfaces and communication protocols.



## What's new

The Release V3.0.0 is the extension of V2.0.2, which is in broad usage, so the main effort was to keep a backward compatibility for existing applications.

Some extensions are made to keep track with new ODX functionalities.

The partitionment of MC and D was performed, which led to a stereo type reduction.

The new functions and extensions are:

Monitoring, DDLID, Tables in Services, SDG, Audiences (incl. additional Audiences), ECU State, Function Dictionary, Subcomponents, DCP States, extension of Parameter + Data Types, modify Comparams in Jobs, Suppress Positive Response, Matching Pattern, FaultMemory + EnvData, Flashen, ECU Configuration, PDU API integration, System Properties, Unit/UnitGroups, PDU TimeStamps

# Compatibility

The version V3.0.0 is backward compatible to diagnostic part of V2.0.2. Modifications were only done in case of bugs. In case of additional informations or modified handling new methods were introduced. Obsolete methods are marked as deprecated.

# Relation to ISO

The Version MCD 3D 3.0.0 will be released by the ISO as IS 22900-3.