Deliverable D3.1 //

Use case catalogue
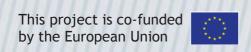
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Automated Driving Applications and Technologies for Intelligent Vehicles

Document information //

AUTHORS

S. Wolter – FORD

G. Alessandretti – ALC

M.L. Aust - VCC

M. Brockmann – FORD (consultant)

M. Dziennus - DLR

E. Johansson – VTEC

J. Kelsch - DLR

A. Kleen - VW

G. Kountouriotis - LEEDS

T. Louw - LEEDS

N. Merat - LEEDS

N. Schömig – WIVW

K. Wiedemann - WIVW

This SP deliverable is a contribution to the IP deliverable D1.5. The use case design process leading to this catalogue is explained in D1.5.

COORDINATOR

Aria Etemad

Volkswagen Group Research

Hermann-Münch-Str. 1

38440 Wolfsburg

Germany

Phone: +49-5361-896-2334

Email: aria.etemad@volkswagen.de

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Summary

This report is a companion document to the deliverable D1.5 Use Cases and Requirements. The purpose of this document is to give the collected use cases with their narrative and sequence diagram in one set. Together with D1.5 it sets the basis for the development of automated driving applications within AdaptIVe.

The use cases are intended to describe and specify the behaviour of the functions to be realized in the project. They are given in D1.5 in tabulated form and are referenced to this deliverable. The narrative gives a long-form explanation and the sequence diagram shows the flow of events over time and with regard to the actors and signals present, especially in view of the HMI to be deployed.

This use case catalogue presents a total of 23 situations: 6 pertaining to close-distance manoeuvres addressed by subproject SP4: Automation in close-distance scenarios; 7 for urban scenarios addressed by SP5: Automation in urban scenarios and 10 for highway scenarios addressed by SP6: Automation in highway scenarios. Each SP-catalogue is preceded by a use case tree for overview of the use cases considered.

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