

INFORMATION SOCIETY TECHNOLOGIES (IST)

PROGRAMME



AIDE
IST-1-507674-IP

Common verification plan

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Activity No.	T3.5.2	Activity Title	Common verification plan
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Executive Summary

As this deliverable is focused on the task of WP3.5, it firstly explain in a brief introduction which is the main role and objectives of this Workpackage 3.5.

The main goal of this deliverable, as its title indicates, is to determine a Common Verification Plan in order to evaluate the whole AIDE system. As there will be 3 demonstrators from 3 different manufacturers (a City Car from SEAT, a Luxury Car from CRF and a Heavy Truck from VTEC) it is necessary to establish some collective points that make easier to validate the same aspects, to share the results of the test and to compare these results.

Therefore, this deliverable also explains what kind of methodology has been used in order to create appropriate experimental scenarios for a good evaluation of in-car AIDE nodes. The methodology take into account previous definitions of scenarios from subproject SP2, and both static and dynamic tests as well. So, test not only will be simulated or performed in laboratory conditions, but they will be done under real conditions.

To fully understand used methodologies and Scenarios Specifications, it is important to know every single node, how they work, and the inter correlation between them. This deliverable hence describes all the AIDE nodes with its communication protocol and the received and generated information.

The next two chapters, 4 and 5, are talking about Validations Scenarios and Scenarios Specifications. In chapter 4, a generic architecture is shown and it also explains how each demonstrator has personalize the proposal to its own architecture. Then, chapter 5 describes how these scenarios will be applied to the demonstrators.

Once the test have been performed, it's necessary to analyze the results and compare them. To do this, it's essential to log data and be able to use it after. In this line, chapter 6 talks about data logging and the tools used.