

SAFESPOT INTEGRATED PROJECT - IST-4-026963-IP**DELIVERABLE**

SP3 – SINTECH
Innovative Technologies

D3.4.4 – ESPOSYTOR Architecture & SW Design Description

Deliverable No. (use the number indicated on technical annex)		D3.4.4	
SubProject No.	SP3	SubProject Title	SINTECH
Workpackage No.	W3.4	Workpackage Title	Innovative Technologies
Task No.	T3.4.7	Task Title	Prototype Implementation for Vehicular Ad Hoc Networks
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Status (F: final; D: draft; RD: revised draft):		F	
Version No:		1.0	
File Name:		SF_D3 4 4 ESPOSYTOR Arch_SW_Design_Description_V1.0.doc	
Planned Date of submission according to TA:		31/08/08	
Issue Date:		Oct 8, 2008	
Project start date and duration		01 February 2006, 48 Months	



EXECUTIVE SUMMARY

This deliverable illustrates the architecture and the software design of the SAFESPOT system monitor, called ESPOSYTOR.

ESPOSYTOR is a horizontal component of the SAFESPOT architecture, which provides support to the testing phases for all the technical sub projects, and for this reason this document is addressed to all partners working on the development of platforms (SP1- SP2), of applications for vehicles (SP4) and infrastructures (SP5), and of technologies (SP3).

The document explains how ESPOSYTOR is designed, both from a high and low perspective, showing the connections with the other nodes of the SAFESPOT network on a vehicle or infrastructure, and detailing how the entire tool is divided in main blocks with corresponding tasks to perform.

The decomposition of the tool in blocks is useful for the users to understand how the blocks are related, which blocks are of interest for the specific user to test some components, and how the results visualized can be retrieved from a local memory to replay the scenarios previously tested.

The design of ESPOSYTOR and this deliverable are consequences of the specification phase, carried out with the contribution of the other sub projects and concluded with the deliverable D 4.3.5 – System Monitor Specifications [1].

The output of this deliverable will be then used in the implementation phase, which takes part in the task WT 3.4.7 – Esposytor Implementation. The prototype will be then described in the deliverable D3.4.5 – ESPOSYTOR Prototype Implementation. The final activity of testing and validation will be performed in WT 3.5.4 - Test and Validation of ESPOSYTOR, with the related deliverable D 3.5.5 – ESPOSYTOR Validation Report.