

SAFESPOT INTEGRATED PROJECT - IST-4-026963-IP**DELIVERABLE****SP1 – SAFEPROBE****Probe Vehicles Prototypes**

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Authors (per company, if more than one company provide it together)		S.Y. Yuen-Wille, C. Zott - Bosch	
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Revision Log

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EXECUTIVE SUMMARY

The aim of the work package 4 “Implementation and Prototype” in the SAFEPROBE sub-project was to specify and develop an in-vehicle probe platform as reference platform for SafeSpot vehicles.

This document gives a brief description of the probe vehicles prototypes equipped and developed within SAFEPROBE. As source for more detailed information about the SAFEPROBE vehicles it is recommended to consider the referenced deliverable:

- D1.4.2 HW and SW Specifications of Prototype and Test Bed Components [1]

1. SAFEPROBE Prototypes

1.1. Sensing Systems

Sensing systems built into the SAFEPROBE vehicles are listed and described in detail in chapter 2 of the deliverable D1.4.2 *HW and SW Specifications of Prototype and Test Bed Components* [1]. However, a list of used sensors is provided here below:

- Ibeo laser scanner
- Fujitsu Ten long range radar (LRR)
- Aglaia Inka camera
- Road eye sensor
- Tilt sensor
- GPS sensor

1.2. Probe Vehicles

The following table indicates the configuration of the equipped probe vehicles:

Partner	Vehicle Type	Equipped Sensors
Volvo	Truck	GPS, camera, laser scanner, road eye sensor
Piaggio	Powered Two Wheelers (PTW)	GPS, tilt sensor
CRF	Passenger car	GPS, camera, laser scanner, LRR
Renault	Passenger car	GPS, camera, laser scanner

The full description of the probe vehicle configuration with the according data sheets can be found in the deliverable D1.4.2 *HW and SW Specifications of Prototype and Test Bed Components* [1].

2. References

- [1] SafeSpot SAFEPROBE
D1.4.2 HW and SW Specifications of Prototype and Test Bed
Components