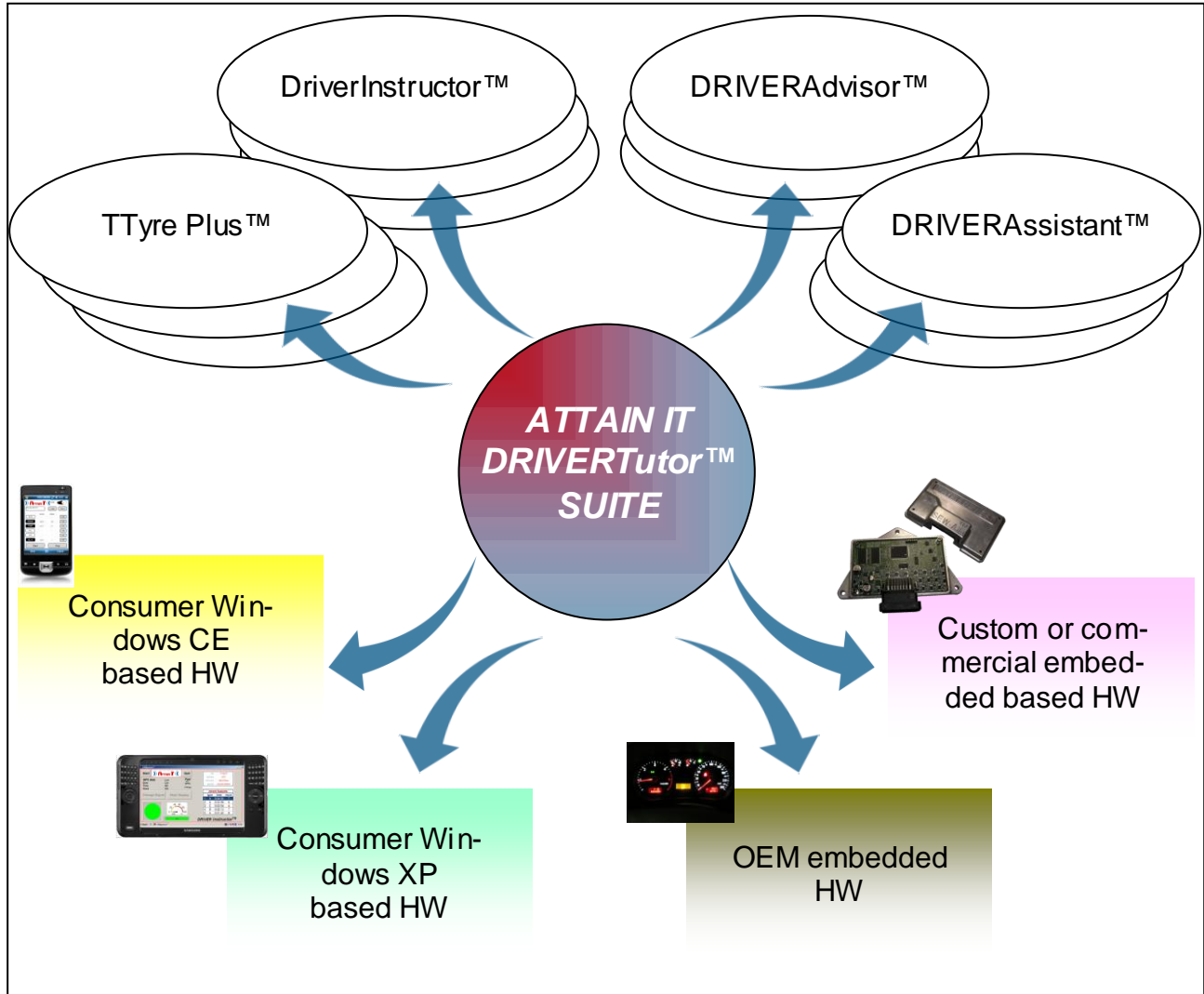


ATTAIN IT DRIVERTutor™ SUITE

AN INTEGRATED ARCHITECTURE OF HARDWARE AND SOFTWARE MODULES TO ASSIST DRIVING



- Private cars and motorcycles drivers

OVERVIEW

ATTAIN IT's DRIVERTutor™ SUITE (ADTS™) is an integrated architecture of hardware (HW) and software (SW) modules to assist vehicle drivers in achieving a safe, comfortable, and fuel/energy saving style.

The **ADTS™** can be configured in a variety of solutions to meet user's and vehicle's requirements.

The **ADTS™** is addressed to:

- Truck drivers and fleet managers
- Bus and coaches drivers and fleet managers
- Driving and emergency services drivers (e.g. ambulances)
- Driving schools trainees and trainers
- Cars and motorcycles racing teams

Therefore the **ADTS™** is suited, but is not limited, to be applied to the following target vehicles:

- Trucks;
- Buses and coaches;
- Cars;
- Motorcycles.

HARDWARE

The **ADTS™** is composed of the following hardware platforms:

1. Consumer Windows CE based platform such as PDA (**CAN-Read Only Platform – Type I**)
2. Consumer Windows XP based platform such as Ultra mobile PC (**CAN-Read Only**)

Platform – Type II)

3. Custom or commercial embedded based HW (**CAN-Read Only Platform – Type III)**

These platforms assure a great flexibility on the system architecture to be deployed to the customer in order to meet meeting the user needs and the specific target vehicle's requirements.

Each of the above platforms allows connecting to the CANbus of the vehicle assuring network data integrity, i.e. no writing access (*read only mode*) to the network preventing any corruption or data generation.

SOFTWARE

The **ADTS™** includes a variety of applications aiming at improving driving performances which embrace a wide range of characterizations taking

shape into different products.

The current available products in the **ADTS™** are:

1. **Tyre Monitoring™** - A software module for the sensorless estimation of vehicle tyres temperature, pressure and deflation:
 - a. **TTyre Plus™**
 - b. **TTyre Plus²™**
 - c. **TTyre Plus Racing™**
 - d. **TTyre Plus Tuning Service**
2. **DRIVERAdvisor™** – A software module for improving the driving style and decreasing fuel consumption and CO₂ emission.
3. **DRIVERInstructor™** – A SW module for the automatic evaluation of the driver behavior to support driving teaching.

Innovazione e tecnologie sviluppate nel progetto DRIVER TUTOR - Sviluppo sperimentale di sistemi diagnostici applicati alla guida di veicoli

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