Summary
Deliverable 2.1 - Operational characteristics and requirements (Confidential)
WP2
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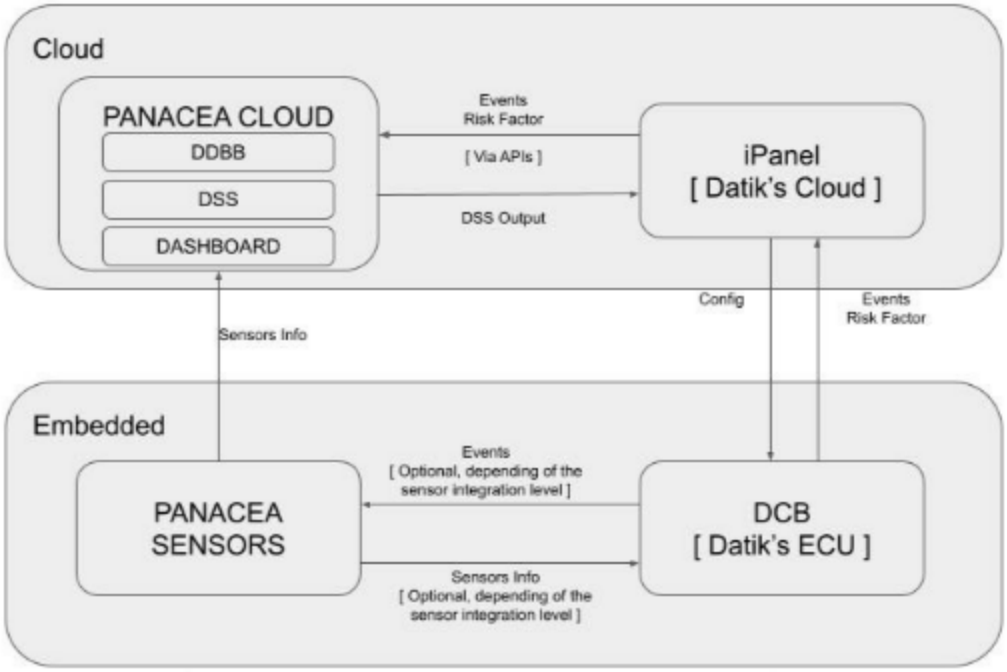
The PANACEA platform is a holistic system in which different measurements, events, and values from drivers, vehicles, and also from the environment are considered in real-time. This system collects and processes the information in the cloud and, after a thorough analysis and the application of rules, proposes countermeasures to maintain safe driving.

Depending on the type of data, the information is displayed in real-time to the driver via onboard devices and is also displayed to fleet operators on their work devices. This real-time information is related to the direct outcome of a sensor or system.

Once these data have been treated, different information related to proposed countermeasures to fix the situation is expected to be displayed on different devices and applications (MobileApp, WebApp, and HMI) to drivers and fleet operators.

One of the objectives is that drivers and fleet operators have access through all means to the information that has been determined as necessary to maintain the safety and the quality of the fleet service.

This document includes several lists with the functional and operational requirements of all the subsystems considered as part of the PANACEA platform, that is to say, on the one hand, the requirements of the sensors and toolkits registering information and, on the other hand, the requirements of the components of the cloud which are needed to carry out the 'digestion process', data analysis, as well as the countermeasures release.



***DDBB**: Database / **DSS**:Decision Support System / **API**: Application Programming Interface / **DCB**: Datik Computing Brain / **ECU**: Electronic Control Unit*

Figure 2. *PANACEA platform scheme*