

## **Summary**

**Deliverable 5.3** Cloud based coaching and support system – an update

**WP5**

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This deliverable has been prepared in the context of WP5. The Cloud based coaching and support system (CCS) is intended to provide personalised, targeted support to company drivers, operators, and enforcement officers. The objectives of this document are to describe the framework, design, development and establishment of the prototype operational cloud-based coaching and support system by updating the content presented in D5.2.

The report lists the functional requirements to produce quality software aligned with the Use Cases definitions established in D1.1.

This Deliverable describes the final system architecture, database and system design of the cloud based coaching system. It also reports on the implemented countermeasures, namely:

- Driver: Fatigue report, Fatigue questionnaire; Stress management.
- Operator: Fatigue Debriefing; Fatigue alert; Licit Drug Debriefing.
- Enforcer: Training of enforcement officers – Drugs; Training of enforcement officers – Alcohol.

The report is coupled with the final prototype of the CCS.

The report is strongly linked to A5.5 (and WP5 in general) which develops the CCS. This means designing all the CCS countermeasures as reported in D5.1 and the development and integration of the countermeasure within the PANACEA platform. Usability testing will be undertaken with key personnel at the trial sites from WP6. Technical support will be provided throughout the trials.