

COUNTERMEASURE COACHING PROGRAMME

THE DRIVER APP

FATIGUE PREDICTION	FATIGUE ALERT	FATIGUE REPORT	FATIGUE QUESTIONNAIRE
<p>The Goal is to inform the driver about the risk to be highly fatigued during the upcoming shift.</p> <p>If an unsafe level of fatigue is predicted, the driver receives a notification that specifies the approximate time of the shift when there is a high risk to be fatigued. This notification advises them to be cautious and take a possible actions to minimize the fatigue state.</p>	<p>The Goal is to inform drivers about current fatigue state and notify them if they reach a critical level.</p> <p>STRESS MANAGEMENT</p> <p>The Goal is to inform the driver about critical stress levels and help them reduce stress.</p>	<p>The Goal is to provide driver with insight on their daily fatigue levels.</p> <p>When the driver finishes the shift, a report is generated about their fatigue levels throughout the day, and the driver receives a notification to their mobile device.</p> <p>The report shows a graph depicting the driver's fatigue levels over time as well as other fatigue-related information.</p> <p>The user has the option to shift between days and to share the report with the operator who will then be able to see it under the driver profile.</p>	<p>The Goal is to help driver to subjectively assess and contextualize their fatigue and raise the issues with the operator.</p> <p>The driver receives a notification asking them to answer a couple of short fatigue related questions:</p> <ul style="list-style-type: none"> Evaluating the seriousness of fatigue in the past week, Evaluating shift satisfaction and identifying possible improvements, Inquiring about used anti-fatigue strategies, Identifying most important areas for improvement.
PRE-SHIFT	DURING SHIFT	AFTER SHIFT	



THE OPERATOR'S DASHBOARD

The operator is provided with a dashboard represented as a two-part panel with an overview of the impairments measured:

- The "live status" part displays the acute state of impairments which require immediate, operational countermeasures (i.e., Fatigue alert)
- The "safety profile" provides the operator with information shared by the driver, and tactical/strategic countermeasures (i.e., Fatigue and Licit drug debriefing).

Countermeasures for spanidis1980			
	Fatigue	Stress	Licit drugs
Status (Live)	2	1	2
Last Checked	26-03-2024 12:08	26-03-2024 12:08	26-02-2024 11:49

Safety Profile	Fatigue	Licit Drugs
Clear Fatigue Report	Recommendation: HIGHLY RECOMMENDED	Recommendation: NOT NECESSARY
Fatigue Questionnaire: NOT NECESSARY	Instructions: Enter report	Instructions: Enter report
Countermeasures	29-11-2023 13:09	29-11-2023 12:46

System	Status	Decision
Fatigue System	System OK State (level): 2	Decision: Fit to Drive
Stress System	System OK State (level): 1	Decision: Fit to Drive
Alcohol System	System OK State (level): 0.08	Decision: fail

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