Product Overview: Hazard Perception Evaluation

What is Hazard Perception?

This state-of-the-art application is a risk identification tool designed to identify a fleet’s high risk drivers based on their ability to identify dangerous situations that happen every day on our roadways.

This provides a key indication of the driver’s propensity to be involved in a collision.

The evaluation includes a series of real-life traffic scenarios (20) as well as multiple-choice questions (28) pertaining to the safe operation of a motor vehicle. The scenarios present the driver with a view out the front windshield of a vehicle from the driver’s seat, as well as rear-view and both side-view mirror perspectives (see example above), which captures the dynamics of driving in the real-world.

The assessment evaluates a driver’s performance in six core areas:

- **DANGER ZONES**
- **THE OTHER MOTORIST**
- **SPACE MANAGEMENT**
- **SPEED MANAGEMENT**
- **SCANNING**
- **ATTITUDE**

Key Benefits

- Identifies a driver’s propensity to be involved in a collision
- It is a proactive system that prescribes a targeted training regime for each individual driver, rather than a one size fits all approach
- The application utilises a complex algorithm that runs in the background while completing the evaluation. The algorithm takes the following into consideration:
  - Number of attempts taken to identify the hazard
  - Answers on theory questions
- The system calibrates the driver’s score based on the above parameters, and automatically prescribes specific, corrective modules based on each individual drivers’ deficiencies