

VigilVanguard



Driving Excellence

SAFER, SMOOTHER, GREENER...



- **IMPROVE SAFETY**
- **REDUCE ACCIDENTS**
- **MANAGE RISK**
- **REDUCE FUEL CONSUMPTION**

Problem: Over 90% of all motor vehicle crashes are the result of driver error.

Solution: Improve driver safety and prevent accidents using VigilVanguard.

VigilVanguard is an on-road driver-focused training and evaluation system that is used to identify and correct unsafe driving behavior. VigilVanguard improves driver performance to reduce the costs and risks of accidents and incidents.

VIGILVANGUARD BENEFITS - Redefining Driver Safety

- Efficiently produce safe and competent drivers
- Reduce accident and incident rates by identifying and correcting high risk drivers
- Improve training productivity and effectiveness
- Reduce fuel consumption by teaching good driver behavior
- Provide instant objective driver feedback and detailed consistent performance reports
- Increase driver confidence and improve learning and retention
- Establish performance measurements and impartial benchmarking of drivers
- All accidents can be reviewed with accurate positioning on the road and geographically



“Vigil technology has opened doors that we never thought possible. We are now in a better position to improve training and performance standards.”

**Mike Flocchini - Training Manager,
AC Transit**



VigilVanguard Hardware

VigilVanguard is a highly portable system that can be quickly installed into any vehicle.

The system consists of:

- Tablet PC
- 4 Digital Cameras
- Comfort Sensor - Accelerometer
- GPS, satellite positioning

The hardware components are used to measure, record and report on driver progress and performance during on-road training. The system is completely self-contained and does not have to connect to any electrical or other systems in the vehicle.

This versatility allows a driver's performance data to be collected in a way similar to driving simulators, but with the advantage of being in the real world.

VigilView Software

Driver performance is easily reviewed using VigilView software, providing an impartial assessment of driver competency.

VigilView provides an interactive illustration of information captured through VigilVanguard's video and sensor system to accurately measure acceleration, braking and cornering forces as well as instructor observations.

VigilView's map overview allows users to review every aspect of the journey by linking video and location information. VigilView provides contextual information related to specific points during the drive, including problem areas and unsafe events that may have occurred. Whereas the entire drive is recorded, the video playback feature allows users to 'jump' to specific event locations and accurately review the driver's skill and behavior during the training session.



*VigilView
drive review
software*

VIGILVANGUARD FEATURES

- Interactive review of driver performance, including speed, smoothness of operation and clearance
- Impartial analysis of events through automatic event detection of braking, acceleration and cornering
- Customized driver assessment forms and individual performance reports
- Detailed driver performance reports are instantly generated for employee files
- Portable equipment that is simple to set up, operate and remove from the vehicle
- Powerful, easy to use software to objectively review driver performance
- Assessment reports, data inputs on drivers, trainers and managers can be exported to VigilManager database