



DRIVEVISION PRO

AN INTEGRATED SAFETY SOLUTION FOR COMMERCIAL DRIVERS

DriveVision Pro combines state-of-the-art driver behavior monitoring, forward collision warning, and lane departure warning functions on a single, compact, cost effective safety and performance assessment system.

The system gathers information from a variety of sensors and evaluates driving behavior through sophisticated algorithms. DriveVision Pro provides two levels of driving safety defense including both immediate and offline driver feedback.

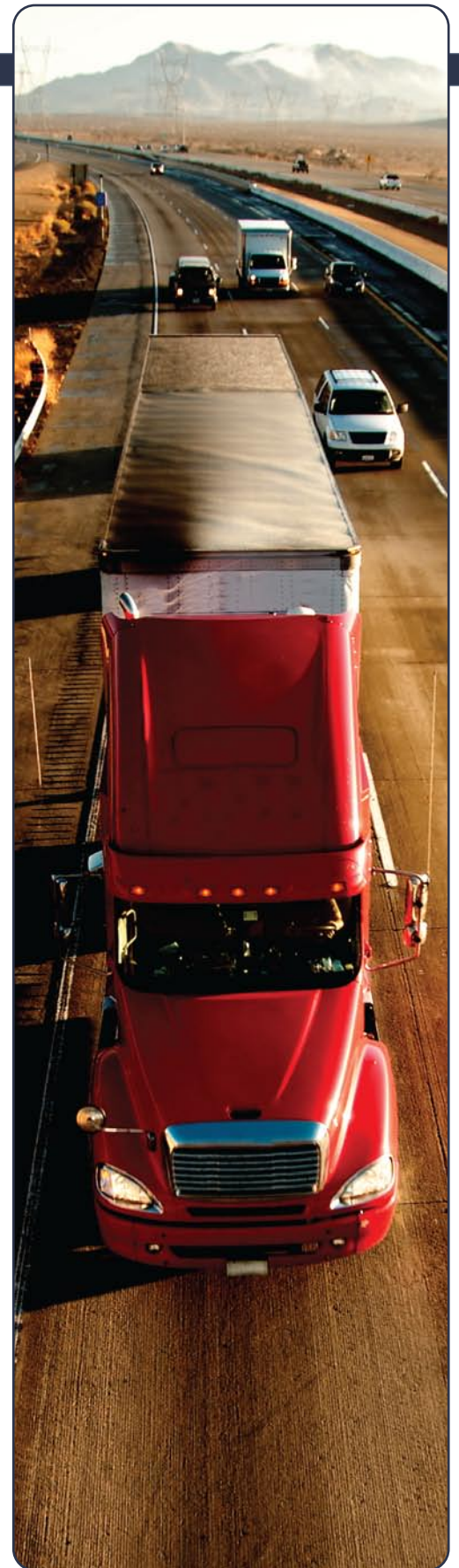
- ◆ **Immediate feedback:** The driver is given immediate messages from the system when a collision is imminent or when they perform unsafe or costly driving behaviors. This feedback allows the driver to “tune” their driving style to the driving performance standards the fleet has selected.
- ◆ **Offline feedback:** Information about the driver’s behavior is captured, stored, and transmitted to a management information system where fleet managers can assess the performance of individual drivers and provide meaningful feedback and coaching where necessary.

The DriveVision Pro system captures the data necessary for fleet managers to measure and track both crash risk and cost performance down to the individual driver.



DRIVEVISION PRO FEATURES

- ◆ Rugged system designed for use in heavy trucks
- ◆ Four video views (forward roadway, in-cab, left side looking back and right side looking back)
- ◆ Comprehensive driver behavior monitoring
- ◆ State-of-the-art headway feedback and forward collision warning
- ◆ Video-based lane departure warning
- ◆ Easy installation using standard OEM connectors
- ◆ Low maintenance and field upgradable



A VARIETY OF DYNAMIC APPLICATIONS AVAILABLE IN ONE TOOL

Driving Behavior Monitoring:

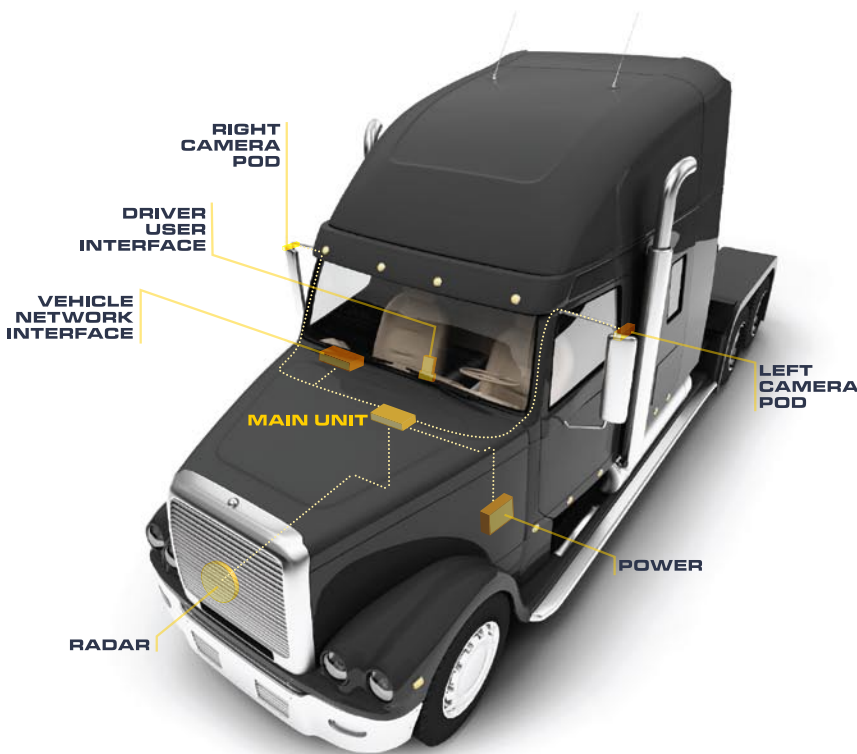
Correct problems at the source. DriveVision Pro captures key road video and driver data to identify root causes of poor driving and accidents. Consistent electronic reports on driver performance isolates problem drivers quickly, and opens the opportunity for improvement using an “expert” review. Data is then stored for future reference in a Transecuity database for retrieval and review at any time. This helps to identify trends, provide issue-specific coaching and investigate cost performance issues.

Lane Departure Warning:

Video images supplied by the forward looking camera capture detailed images of a roadway, track lane lines and boundaries, exits, on-ramps, etc. Data capture of lanes and boundaries is very accurate, and not fooled by common occurrences in the roadway (i.e. Bridges or shadows). The multi-sensor warning system offers feedback to resolve an issue without startling or confusing the driver. Current research shows a 90% accuracy rate for over 5 million miles of driving.

Forward Collision Warning:

The forward-looking RADAR system included in DriveVision Pro constantly evaluates the road ahead, including headway distance, road conditions and potential collision situations. The system provides subtle multi-sensory warnings within the vehicle – reducing false alarms and collisions.



DRIVEVISION PRO PACKAGE OFFERS:

- ◆ Video Cameras (Forward Roadway, Driver Face, Right Side, and Left Side of Vehicle)
- ◆ Forward RADAR
- ◆ GPS
- ◆ 3-Axis accelerometer
- ◆ Yaw Rate
- ◆ Alcohol Sensor
- ◆ J1587, J1939 Data Bus
- ◆ Lane Tracking from Machine Vision
- ◆ Driver Eyes-Forward Tracking from Machine Vision
- ◆ Manual Event Capture Button
- ◆ In-Vehicle Display



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