



a **DOVER** company



# All Your Trucks. All Your Systems. One Connection. One Vision.

Our vision is to provide fleet owners with the tools to help them make smarter, more productive decisions that consistently deliver the lowest total cost of ownership.

Protect Your Drivers. Protect Your Vehicles. Protect Your Bottom Line.  
One Brand. One Vision.



a **DOVER** company

  
3RD EYE DIGITAL

  
MOBILE VISION

  
ELD

  
RADAR



**ENHANCE VBA™**  
**VEHICLE BEHAVIORAL ANALYTICS**

# Activate Enhance Vehicle Behavioral Analytics™

Enhance VBA™ delivers fleet owners with unprecedented access to vehicle data that allows them to make smarter decisions, field safer drivers, and ultimately more efficient operations that deliver the lowest Total Cost of Ownership.



## 3rd Eye Digital

3rd Eye Digital is the tool you need to modify your drivers' behavior, reduce your accident costs and generate more revenue from your vehicles. It gives you unmatched awareness of what's happening with your vehicles and drivers at all times. drive top-line growth while improving operational efficiency.



## Mobile Vision

3rd Eye has developed the industry leading back up camera system designed to withstand shock and vibrations up to 10G, repel water intrusion, salt and handle extreme temperatures. Complete recording capabilities are available through our built-in SD Card Monitors and stand alone mobile DVR units.



## Integrated Radar Systems

The 3rd Eye family of "Integrated Radar Systems" offer cutting edge solutions to protect both the public and your drivers. This system will continue to drive up profitability by helping reduce costly blind spot accidents while increasing peace of mind and productivity within the organization!



## Electronic Log Devices (ELD)

Electronic Logging Devices to reduce paperwork, increase accuracy – and make Hours of Service [HOS] reporting easier. With 3rd Eye – One Vision, ELD is merely part of the offering, allowing direct communication between the engine and the embedded software.



## Vehicle Behavioral Analytics (VBA)

All modern vehicles speak a digital language. Whether it's merely engine information or complete chassis and body communication, up to this point in time, very few companies had the resources or inherent knowledge to both interpret and act upon this language - all in real time.



# Enhanced Fleet Awareness

3rd Eye Digital provides a comprehensive suite of reporting and recording tools that incorporate onboard cameras, engine and transmission as well as body systems



## SAFETY

Wrap assets in 360° of camera and Doppler radar coverage, monitor vehicle & driver in real time



## ASSET UTILIZATION

Record and track the hours your assets are working and their exact location



## ENGINE DIAGNOSTICS

Know the health of your engine with key utilization metrics captured in real time



## EQUIPMENT BEHAVIOR

Know the complete status of your garbage truck's hopper, compactor, and ancillary equipment in real time.



## ON ROAD / OFF ROAD

Know when your assets are on highway and when they're not with the data to validate



## CUSTOM SOLUTIONS

Robust fleet solutions customized for your business needs

## BODY / CHASSIS DATA

3rd Eye provides engineered body-system-sensor systems that provide real-time status and feedback for both chassis and body-related functions. Fleet owners know critical operational metrics, such as fuel consumption, operational temperatures and pressures – as well as when hydraulics are being utilized and the position of hydraulically operated body systems.

## DELIVERY / SERVICE VERIFICATION

3rd Eye systems allow for both autonomous and manual verification of service for both residential and commercial applications. You can now verify missed service episodes, protect against fraudulent claims, and identify additional fee collection. Regardless of your industry, 3rd Eye can provide you with the definitive service verification data that you can then share with your customer.

## FUEL TAX REPORTING

This allows fleet owners to know when fuel is being used to move the vehicle vs. when the vehicle is using fuel to perform a body function [like compacting a load of garbage or lifting a man bucket]. Geo sensors allow fleet owners to know when assets are operating on-road vs. off-road. For the first time, fleet owners have the ability to request tax rebates for the Heavy Highway Use Tax, for fuel used during non-use fuel consumption.

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## PERIPHERALS

3rd Eye makes integration with any number of third-party peripherals easy utilizing the Hurricane Gateway™ open architecture platform. Peripherals include things like body scales, inventory control – and any number of back office systems



## Features

From accurate GPS location tracking to fuel consumption to video service logging, 3rd Eye Digital provides fleet owners with an ala carte menu of features that enhances productivity, validates services rendered, captures and transmits critical chassis and body system sensor data and much more. The 3rd Eye Hurricane Gateway™ allows the transmission of all video, radar and chassis/body data to be transmitted to any number of back room route management software suites.

- ✓ Up to eight (8) cameras recording
- ✓ Dual Micro SD Card Slots (Up to 512 GB of non-stop recording)
- ✓ 64GB MicroSD Card (nonstop recording)
- ✓ Live video streaming (iPad/iPhone/PC)
- ✓ AVL/Geo-Fencing
- ✓ Advanced video analytics
- ✓ Real-Time alerts
- ✓ Remote software updates
- ✓ Customized reporting



## Benefits

Fleet owners have the full power of Enhance Vehicle Behavioral Analytics™ [VBA] at their disposal to assess any number of critical data feeds to monitor the driver's environment. Know the health of your fleet to get in front of potential maintenance issues... before they become issues.

- ✓ Mitigate accident liability through real time video event recording
- ✓ Enhance route efficiencies with positive service verification
- ✓ Capture critical data transmitted from both the chassis and the body
- ✓ Industry specific reporting, i.e. shrinkage, fuel usage, asset utilization
- ✓ Events can be used for training purposes
- ✓ Identify risky behaviors, vehicle & routes
- ✓ Exonerate drivers when not at fault



## Video Analytics

3rd Eye Digital video analytic software will give you unmatched awareness of what is happening with your vehicles and your drivers at all times. Built directly into the system, companies will benefit from data being recorded and verified such as:

- ✓ Speed limit sign detection
- ✓ Traffic sign detection (stop sign/light)
- ✓ Vehicle proximity detection (tailgating)
- ✓ Distractions (smoking, cell phone use)
- ✓ Vehicle and driving lane recognition