

# **SmartDrive Video-Based Safety Programme**

# Innovation through an open platform that delivers actionable intelligence and immediate financial results.

Transporting passengers presents many challenges in today's complex, highly-regulated and increasingly competitive environment, including the growth in passenger journeys, regulatory requirements for decreasing emissions, limited revenues and resources and competition for new routes. Most fleets are on tight budgets while, at the same time, facing cost pressures from investments required to meet regulations and the significant increase of legal costs associated with collisions.

Solving these challenges while providing necessary services requires a solution that keeps your drivers and passengers safe; helps protect and defend against false allegations; consistently and fairly measures drivers' performance and provides actionable insight that identifies new opportunities for savings and efficiency improvements.

SmartDrive's innovative video safety solution enables passenger transport fleets to reduce their costs by improving safety and reducing collision frequency; keeps drivers safe through personalised coaching tools based upon real-world driving performance; exonerates drivers from false accusations and provides consistent performance measurement to identify great drivers and those that need constructive coaching.

### **Proven Results with SmartDrive**

Research has shown that for every 300 unsafe acts, there will be 29 minor collisions and one major collision. The key to eliminating major collisions is tackling unsafe driving performance.

#### Reduces collision frequency by up to 70%

- Decreases liability, physical damage and workers' comp
- Improves claims accuracy and speeds resolution

### **Protects drivers**

- Improves driver safety and security
- Exonerates not-at-fault drivers

#### **Decreases operational cost**

- Reduces maintenance expense
- · Conserves fuel through safer, eco driving



### THE Smartdrive Promise

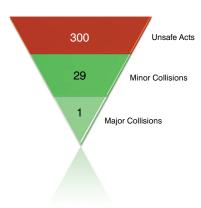
We put our customers first.

We deliver video in minutes, not days.

We safeguard your drivers and business in every collision.

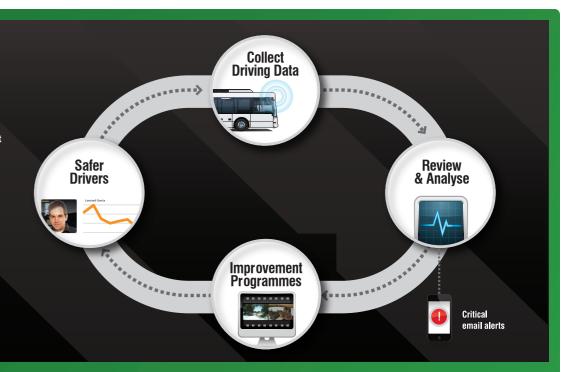
We protect your investment with a solution you won't outgrow.

We will save you the most money in the shortest time.



SmartDrive gives passenger transport fleets a comprehensive safety programme, providing actionable intelligence and easy-to-use workflows to respond to incidents in minutes.

SmartDrive works
through a four-stage
continuous improvement
process. This unique
approach uses analytics
to show managers
the best opportunity
to coach and reward
drivers and drive
greater results.





We **Record**SmartDrive SmartRecorder<sup>™</sup>

The SmartRecorder™ is an innovative event recording system, capturing comprehensive vehicle data based on the operation of the vehicle. The SmartRecorder is triggered by manoeuvres such as swerving, hard braking, active safety systems and when a driver exceeds speed thresholds. Recorded data includes video before and after the event, audio, location, speed, acceleration, operator information, engine data through the Engine Control Unit, and active safety system data.



We **Review & Recommend**SmartDrive Expert Review

**SmartDrive Expert Review** is a 75+ point quality safety review conducted by certified SmartDrive safety analysts. Our expert managed service combines objective observations such as seat belt use, cell phone use and obeying traffic laws, with defensive driving strategies like keeping a safe following distance and scanning the driving environment. Individual observations are scored based on customer-defined scoring and categorised by severity, making it easy for fleets to prioritise their risk.



You **Respond**SmartDrive Response Center

SmartDrive Response Center™ makes it easy for operators to respond with instant access to video, expert analysis, vehicle, driver and active safety system data, in an intuitive and comprehensive Event Player, that enables operators to quickly identify problem areas and great driving skills. Managers have access to individual driver history and safety scores, powerful and interactive reports and historical video events, supporting fair, objective and prescriptive coaching sessions.



and **Reinforce** 

Successful SmartDrive customers continuously improve results over time with the easy-to-use capabilities and interactive reports in the SmartDrive Response Center. This makes it easy for operators to reinforce excellent driving performance and reduce collisions. SmartDrive also helps improve relationships between drivers and their supervisors through reviewing video, like 'game films' in sports, for accurate, confident coaching and faster learning.

### **SmartRecorder 3**

The most advanced vehicle event recorder.

GPS locating, multiple accelerometers.

ECU connection supports industry standard heavy- and light-duty J1939, J1708 and OBD II. Vehicle data includes speed, RPM, brake status, throttle position and more.

Active Safety connection triggers and captures data from lane departure, roll stability, forward collision warning, pedestrian warning, ABS/ATC, and following distance systems.

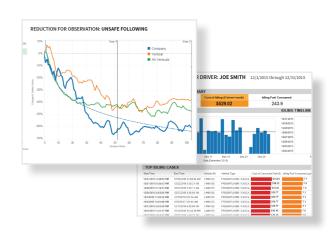




SmartDrive Forward and Interior-facing Cameras



Video Event Player



Transportation Intelligence





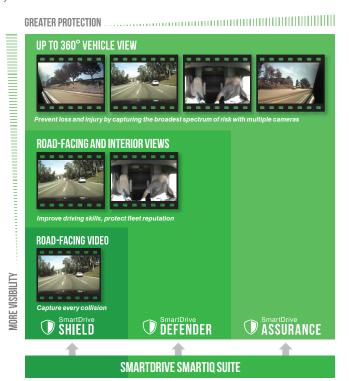
### SmartChoice: Because not all fleets are the same.

SmartDrive understands that a video safety programme has to be right for you and your business. That's why SmartDrive offers a range of video safety programmes that meet your unique needs, on your terms.

## **PREVENT**

# **PROTECT**

## **EXONERATE**



SmartChoice is the only programme that lets you choose the level of protection that's right for your fleet. We meet your requirements with our open, configurable hardware platform, allowing you to change as your safety programmes change, without the cost of hardware 'rip and replace.'

### SmartDrive Shield

Designed for operators focused on capturing every collision, exonerating when not at fault and providing drivers the ability to record issues on the road.

Great fit for operators not yet ready for a safety programme with coaching.

# SmartDrive Defender

Designed for operators focused on protecting every driver by capturing the incidents with the highest risk.

Ideal for operators who want an entry-level video safety programme to reduce collision frequency, improve safety and reinforce good driving skills.

### SmartDrive Assurance

Designed for operators focused on maximum protection and prevention of collisions and compliance-related incidents.

Delivers an unprecedented level of coverage and complete visibility to the risks that cause collisions, such as speeding, harsh braking, unsafe following and distracted driving.

### SmartDrive Video Safety Programme

### SmartDrive Expert Review™

- 75+ point safety review
- Video is reviewed, scored, and prioritised based upon your safety programme by our certified driving analyst employees

#### **SmartDrive Response Center™**

- Customer website for event review, coaching and management
- SmartIQ Fundamentals
- · Customer-defined risk scoring

#### **SmartDrive SmartRecorder 3**

- Choice of one or two camera configurations
- Additional integration with up to two third-party cameras
- Extended recording options for up to 200 hours of video on demand
- Additional 'on-demand' video events standard with every programme
- GPS location, multiple accelerometers
- Integrated night time illumination

#### **Mobility**

- Driver mobile application
- Coaching supported on mobile devices
- Play video events on smart phones
- · Customer defined email alerting

### **SMARTDRIVE**

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