

RAC

Connected

CONNECT 360° VEHICLE CCTV

Get the complete picture



Powered by  EXEROS
TECHNOLOGIES

Vehicle CCTV

Providing the complete picture for fleet and driver safety

Tailored to your business needs

A range of camera solutions showing the driver's view of the road and more. Find the right solution for your business needs.

Clarifying liability & support coaching

Gain a balanced view with unbiased footage. Helping you to see events from your driver's perspective.

A completely connected solution

Integrating camera footage, journey and driving performance data, and the power of AI technology.



Vehicle CCTV

Identifying the right solution for your business needs

Assessing your needs:

Understanding the benefits



Forward Facing Camera

Are you considering a forward-facing camera that can capture footage and live stream journeys?

Use footage captured to support any FNOL (first notification of loss) to an insurer and identify liability, especially in a non-fault accident. An essential fleet management tool to improve drivers, adjusting high-risk driving behaviour that could result in an incident. Understand the impacts of road and traffic conditions through live streaming footage direct from the camera.



Internal Camera

If an accident occurs, do you want to understand what was happening inside the vehicle?

Capture in-cab footage to help understand what happened inside the vehicle and give more detail of the events surrounding an accident.



Monitor Display

Do you want to allow your driver a view of what is being recorded?

Build trust and confidence with employees by allowing them to view the footage. Combining with a rear-view camera? The LCD screen will provide your driver an essential view of what's happening behind them, especially in their blind spot.



Driver Fatigue Alert System

Do you want to support your driver when on the road, detecting and alerting them when concentration is lost?

Support your drivers on the road with the in-cab fatigue monitor. It will alert your drivers as they become distracted, bringing their attention back to the road.



Rear Facing Camera

Do you want to capture what's happening behind the vehicle?

Capturing footage of the driving behaviour of other road users from all angles can help to provide context and confirm liability of an accident. View more than just your driver's field of vision with footage of the rear passenger side blind spot.

Vehicle CCTV

Camera placements on a van or fleet vehicle



Dashboard Forward Facing Camera

What to expect from RAC Vehicle CCTV



Auto start & record

Powered by the vehicle's fuse box, recording starts when the engine is switched on and won't be impacted by stop/start technology, ensuring crucial footage is captured.



170° field of vision

See more than just your driver's field of vision and understand what they may have missed. Capture important footage from any direction without it becoming distorted.



Light correction

Infrared camera technology maintains clear visibility in poorly lit conditions and even total darkness. Plus, oncoming traffic anti-glare mode.



Intuitive videomatics

Combining the automation of retrieving high-quality video footage with the context of dashboard driving data and telematics.

Inbuilt GPS

Providing the vehicle's speed and location, this helps with speeding violation disputes and gives you additional information for insurance claims.

1080p HD Camera

Ensure high-quality footage. 1080p is the minimum recommended to make sure details such as number plates are captured clearly.

Live streaming

Provides instant access to live footage of road and traffic conditions to help you understand and react to any impacts on scheduled work.

Secure & discreet

Keeps the driver's field of vision clear and secure. Able to withstand incidents and poor road conditions, capturing accurate footage without falling off.

Audio recording

Combining video footage with audio recording to avoid the risk of inaccurate information and help with liability confirmation by having proof from recorded footage.

AI Triggered Driving Events

Combining dashcam footage with AI technology and telematics data to give you a better understanding of what happens on the road without sifting through hours of video footage.



The camera starts recording

Recording begins as soon as the engine is switched on and will only stop once the engine is switched off. Start stop technology won't impact the camera.



A hazardous driving event is identified

Driver behaviour triggers (such as rapid acceleration, harsh braking or if a collision is detected) will trigger our smart engine to review the camera footage.



The event is classified & linked to crucial journey & driver data

Our smart engine will classify the driving event as low-risk, high-risk or a collision. To give you the full picture, video footage is combined with the journey & driver behaviour data.



You're notified of the event

Within minutes you'll receive an alert of the event. You can watch the video footage through the portal or on-the-go through our smartphone app, or even download it.

Coaching tool to help drivers understand the driving styles that lead to incidents

Provide unbiased evidence for non-fault, or crash for cash schemes

Utilise footage as part of an FNOL (first notification of loss) for an insurance claim

Review events surrounding a complaint or where liability is being challenged

In-Cab Driver Fatigue System

Supporting your driver out on the road to stay alert

How it works

There are many ways a driver can be distracted whilst on the road; satellite navigation, mobile phone alerts, eating, drinking, or adjusting the radio.

Our internal camera solution continuously scans the driver to detect when they have become distracted and instantly redirects their attention back to the road through an in-cab audible alert.

The system will detect if the driver is looking away from the road for prolonged periods; whether that's looking at a text message or distracted by a passenger.

Plus, it identifies signs of tiredness by monitoring the driver's retina and eyelids – any distraction detected will have its own unique audio tone & warning. This will allow the driver to regain concentration or prompt them to pull over and rest.

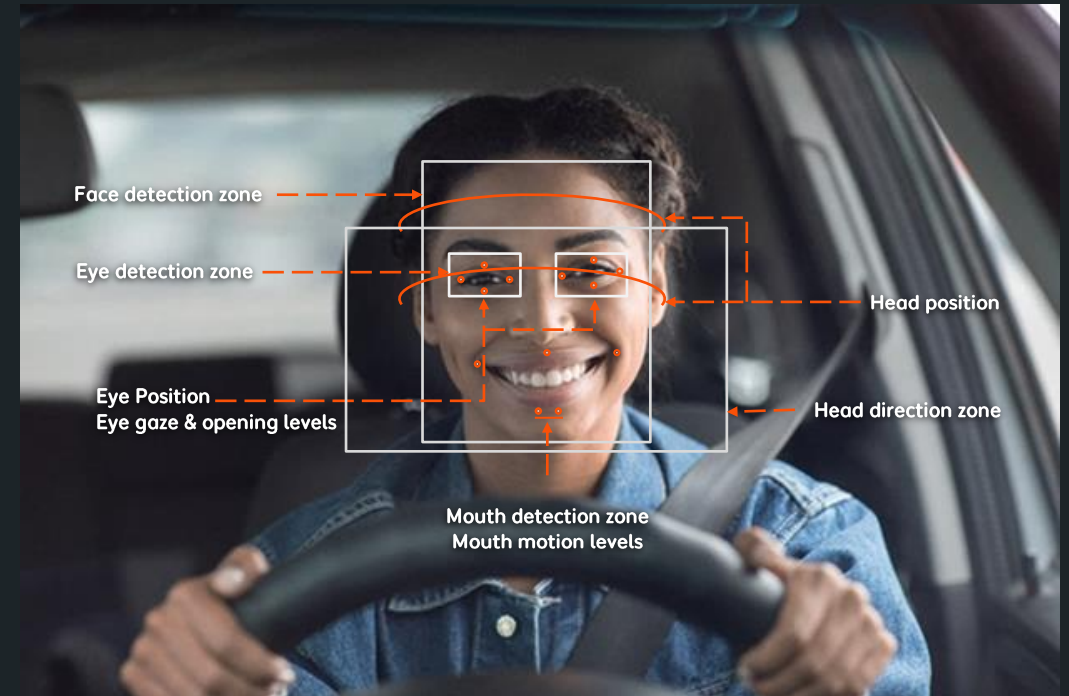
20%

of road accidents are caused by fatigue*

23%

of drivers are concerned that other drivers use a mobile phone whilst driving, and don't use handsfree solutions **

RAC Connected in-cab recording



A camera system that detects distractions and signs of tiredness, bringing the driver's attention back to the road with visual and audible alerts in real time.

*Research carried out by [ROSPA](#) demonstrates that 20% of road accidents are caused by fatigue.

**The RAC 2023 report on motoring identified that 23% of drivers have concerns about drivers using handheld mobile phones whilst driving instead of a handsfree solution.

In-Cab Driver Fatigue System

Automated event alerts

Driver fatigue recognition camera with visual and sound alert LCD screen



Evidence search		Driver Fatigue	LG21 AGT	2022-03-01 18:21:41	2022-03-01 18:23:16	51.604657,-2.904233	11.53(M)	11	View	Export
Evidence name	License plate number	Occurrence time	Report time	Evidence location	Evidence size	Evidence duration	Action	Export		
Smoking Detection	LG21 AGT	2022-03-02 09:52:05	2022-03-02 10:04:50	51.544891, 2.967303	11.440M	11	View	Export		
Smoking Detection	LG21 AGT	2022-03-02 09:47:56	2022-03-02 09:48:34	51.573915, 2.582648	11.450M	11	View	Export		
Line departure	LG21 AGT	2022-03-02 09:47:35	2022-03-02 10:04:15	51.577808, 2.588206	11.43M	11	View	Export		
Smoking Detection	LG21 AGT	2022-03-02 09:47:14	2022-03-02 09:47:50	51.582214, 2.593029	11.390M	11	View	Export		
Smoking Detection	LG21 AGT	2022-03-02 09:46:40	2022-03-02 10:05:35	51.580164, 2.601864	11.450M	11	View	Export		
Driver Fatigue	LG21 AGT	2022-03-02 09:46:27	2022-03-02 09:47:15	51.582886, 2.604205	11.060M	11	View	Export		
Line departure	LG21 AGT	2022-03-01 18:21:41	2022-03-01 18:23:16	51.604657, 2.904233	11.550M	11	View	Export		
Line departure	LG21 AGT	2022-03-01 17:36:50	2022-03-01 17:36:20	51.617564, 2.854057	11.420M	11	View	Export		
Acceleration alarm	LG21 AGT	2022-03-01 16:52:38	2022-03-01 17:19:27	51.611304, 2.718166	11.410M	11	View	Export		
Acceleration alarm	LG21 AGT	2022-03-01 16:52:35	2022-03-01 18:23:27	51.611685, 2.715710	11.400M	11	View	Export		
Line departure	LG21 AGT	2022-03-01 16:46:18	2022-03-01 16:47:40	51.610806, 2.688668	11.480M	11	View	Export		
Line departure	LG21 AGT	2022-03-01 09:27:53	2022-03-01 09:28:28	51.540306, 2.567448	11.540M	11	View	Export		
Line departure	LG21 AGT	2022-03-01 09:26:37	2022-03-01 09:44:05	51.530006, 2.557549	11.450M	11	View	Export		

To save you trawling through hours of footage, automated event alerts will swiftly identify and allow you to view footage captured inside and outside of the vehicle, together with location, speed, and journey duration.

Download or export the footage and information captured with just a few clicks to support driver coaching.

Fully configurable & customisable, the cameras will monitor:

- ✔ Mobile Phone Use
- ✔ Camera Cover up
- ✔ Smoking
- ✔ Distraction
- ✔ Fatigue
- ✔ Seatbelt Detection

AXA Insurance Group found that just 1.5 seconds of advance warning can prevent 90% of collisions*.

*Research carried out by AXA within their Insurance and Legal report 2018 that focused on 'Driverless cars: liability frameworks and safety by design'

Rear Facing Camera

The benefits of an additional camera



Comprehensive coverage

While your driver may spot issues happening in their rear-view mirror, a rear facing camera will capture additional footage of the other driver's behaviour if it does lead to an accident.

Blind Spots Revealed

A driver's vision is restricted, especially in the blind spot on the rear passenger's side. Rear facing camera footage supports a complete view before, during, and after an accident.

Non-Fault Evidence

Combining front and rear facing camera footage to support an FNOL (first notification of loss) to send to your insurer, allowing you to focus on taking care of your driver.

Protection When Parked

Capturing footage of your entire vehicle while it's parked. If someone crashes into your vehicle or vandalises it, you'll be able to identify the offender.

Easily Shared

Download and share footage with just a few clicks. We make it easy with our AI driver event footage, captures, and alerts, to ensure you don't have to trawl through hours of video.

1080p HD Camera

Ensuring the same high-quality footage as your forward-facing camera solution. 1080p will ensure details such as number plates are captured clearly.



Vehicle CCTV Systems

Protecting your assets and people

Vehicle CCTV Systems

How would this benefit your fleet?

Vehicle CCTV is proven to help protect your fleet assets and people. Delivering vital encryption-level data to support against false claims and protect the integrity of your business.

Protect your van fleet with our LCV packages to keep van content secure and protect the driver and company assets in the event of an accident by providing video footage. All our van CCTV systems come in 3 package options: Smart, Advanced, and Ultimate.

All packages include an advanced DVR unit, your choice of cameras, dedicated software and 7" mirror screen to assist with difficult manoeuvres.

All TrackEye® LCV Packages include:

- TrackEye Windshield Cam
- 2 x Mini Side Shell Cams
- Overeye Reversing Cam
- 4=1 DVR
- 7" Mirror Screen



	SMART	ADVANCED	ULTIMATE
DVR	720P	720P	720P
CAMERAS	2	4	4
SOFTWARE	✓	✓	✓
SWITCH BOX	-	✓	✓
7" MIRROR SCREEN	✓	✓	✓
LIVE+	-	-	✓

Multi-Camera Systems

What you'll get with our LCV CCTV system



Multiple Cameras

1-4 video channels. Wide variety of vehicle cameras available - nearside, load, front, rear, driver, with AI based driver monitoring camera/ADAS (as a premium).



High-Res Recording

Clear high-definition recording - available in 1080p HD Recording.



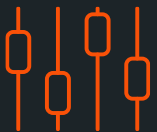
Large Storage Capacity

Store up to 4TB worth of data to Hard Drive (DVR Dependant) (based on 4 channel setup).



Audible Available

Audio enabled. Capture sound in and around the vehicle.



Adjustable Image Quality

Image quality adjustable. Extend recording times by adjusting image quality.



Video Loss

Built in video loss alarm. Instantly recognise if footage is being missed.



Voltage Management

Voltage management prevents from vehicle battery drain. System shuts down when vehicle battery low.



Temperature Control

Temperature control to ensure optimum system functioning.



Advanced Driver Assistance System

Warning your drivers of potential hazards on the road

Advanced Driver Assistance System

Warning your drivers of potential hazards on the road



Prevents accidents

By scanning the road ahead for potential hazards, giving driver 2-seconds of early warning.



Prevents distraction

In-cab warning display giving audible & visual alerts to regain driver concentration.



Adapts for all conditions

The cameras adapt to maintain driver distraction detection regardless of any weather or lighting changes.



Recording options

Constant recording, or event-based monitoring only.



Driver distraction notification

Our solution sends push notifications via 4G for your fleet administrator to review.



Regular, automated notifications

Schedule daily, weekly and monthly reports. Automatically available for your fleet administration to review.



Choice of camera options

Can be coupled with a forward facing ADAS camera or a 1080p HD camera.



Driver privacy

The camera and software does not detect or recognise the driver's identity.



Future updates included

New features planned, to be provided over-the-air at no extra cost, including street sign recognition (in development).

Advanced Driver Assistance System

RAC ADAS Solution has 3 warning systems:





Getting your employees on board

How a camera solution will help them

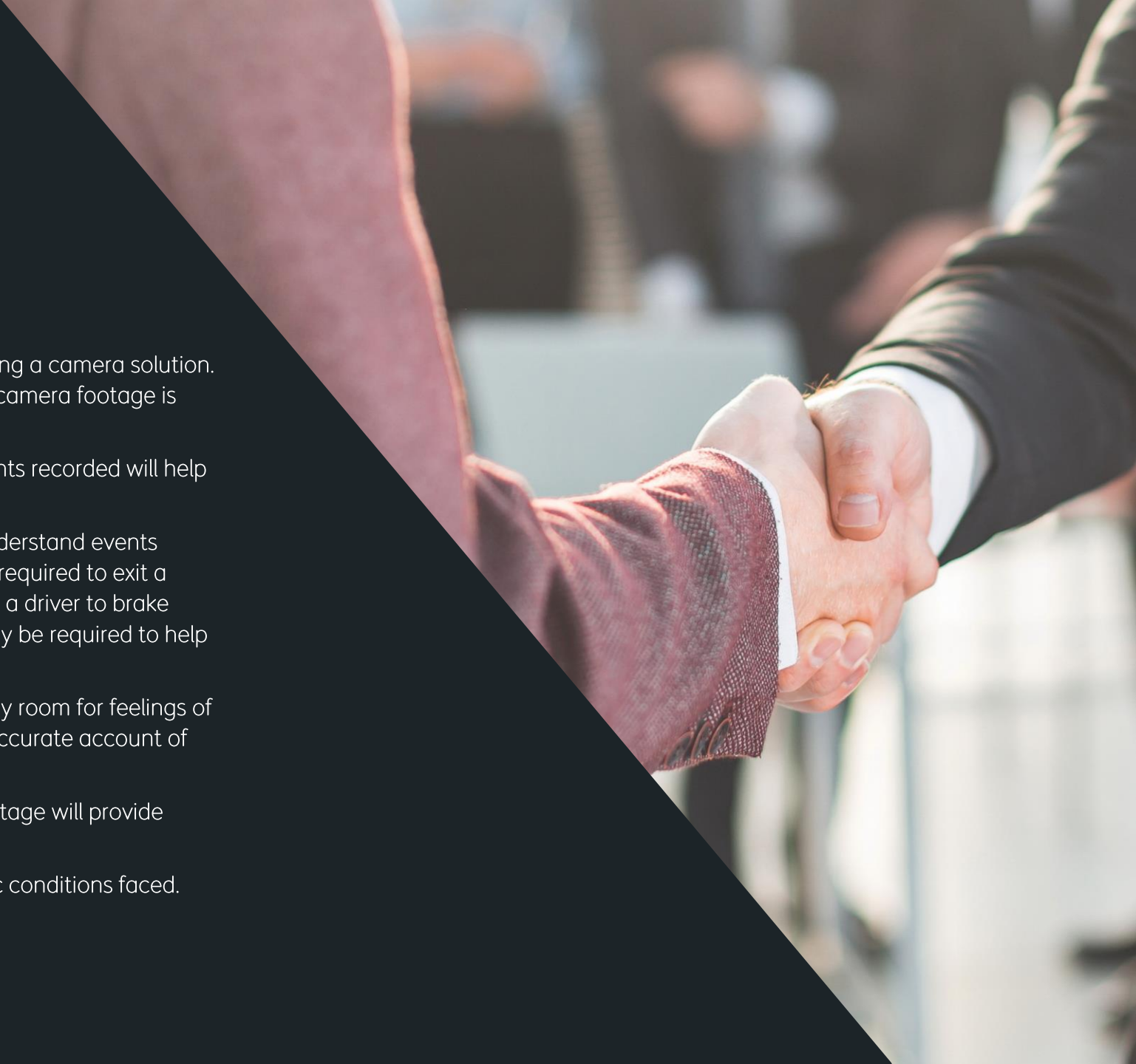
Getting your employees on board

How a camera solution will help them

Getting employees on board early on is essential when implementing a camera solution. You can build and reinforce trust by being transparent about how camera footage is used.

Demonstrating both the footage captured and triggers for the events recorded will help highlight how the footage will benefit your driver. Benefits include:

- Providing context to a driver score. Camera footage helps us understand events which might impact a driver's score – where fast acceleration is required to exit a junction, for example. Or, if another road user's behaviour forces a driver to brake harshly. It also identifies events where coaching and support may be required to help improve a driver score.
- Greater clarity for complaints/challenges received. Removing any room for feelings of mistrust and personal opinion, camera footage will provide an accurate account of any disputed events and identify liability.
- Allow your insurance provider to get the full picture. Camera footage will provide evidence and clarity for any non-fault incident.
- With live data your manager will understand the road and traffic conditions faced.



Getting your employees on board

How a camera solution will help them

Help your drivers understand how the camera solution will work: what's captured, triggered events, incident footage, why the footage is being recorded and how it'll be used.

Plan in a day or two to demonstrate the equipment. Have your drivers watch their manager drive with the camera solution in place. Reviewing the footage together, the manager will be able to support the driver to identify the benefits of having the camera in place.

Help your team to understand how the camera solution will be implemented and what you're looking for from them, how this will adjust their objectives, and how often you'll review the footage.

If you need any help or support during the onboarding process, let your account manager know.



RAC Connected Vehicle CCTV

Why choose the RAC?

- ✓ Our system installations are carried out to strict standards by Certified Auto Electricians, preserving manufacturer warranties.
- ✓ All our systems are fully approved and compliant with FORS, CLOCS, Crossrail, RHA, Fitas Patrons, FTA and Crown Commercial Services.
- ✓ Customer service and support are a priority for us. Get in touch to speak to one of our experts today.

