



# AUTOCAM

NOW YOU KNOW.

Introduction to the

In-Vehicle Video Telematics (IVTS)

# Why are we doing this?

- As a driver of a company supplied vehicle, your safety is the company's responsibility. Therefor the company must take all reasonable measures to ensure your safety and the safety of other road users & pedestrians.
- Aligned with the company values, we have to ensure all our drivers comply and adhere to company and legislative policies.
- To prove your innocence in event of an incident.
- To equip you with a system to pro-actively coach dangerous driving behaviours and assist you with becoming a more cautious driver.
- This will show management your commitment to road safety.



# Type of Events Monitored?

The camera monitors the **ABC'S** of on-road risk. They are:

**Acceleration** – Pulling away too fast not only damages the vehicle but can cause other issues like load shifting.

**Braking** – The main cause for braking harshly is due to no forward planning or distracted driving.

**Cornering** – Taking corners too fast may result in the vehicle's centrifugal force tipping it over its safe threshold.

**Speeding** – This is the maximum speed applicable to your vehicle type according to legislation. You are allowed 5 km/h grace for overtaking.

Rigids & Trucks – 80 km/h limit, sound at 86 km/h

Busses & Minibusses – 100 km/h limit, sound at 106 km/h

Cars & Bakkies – 120 km/h limit, sound at 126 km/h

# How the System Works?



Driving event is triggered



Camera makes a sound to alert you of the event and sends the video to the server



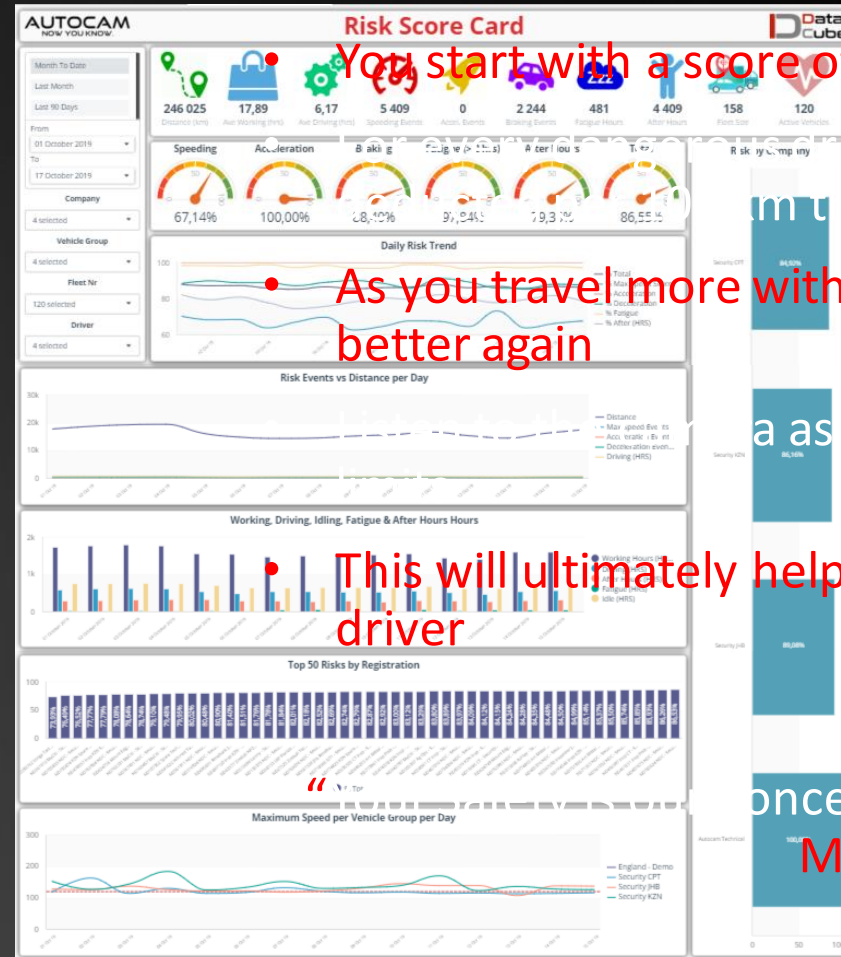
Video is analysed and sent to management for actioning.

# Some Video Examples:

The screenshot displays the AUTOCAM software interface, which is divided into several sections:

- Top Left:** A front-facing camera view of a highway with a large truck in the center lane. Metadata at the bottom reads: "LAT: 25.127218 LON: -80.8799 SPD: 12.16 Km/h X: 0.39 Y: 0.00 Z: 0.01 Isum1: 0.09".
- Top Right:** A rear-facing camera view, currently showing a very dark and blurry image.
- Bottom Left:** An interior view of the driver's seat. A large black box with the word "CENSORED" in white is placed over the driver's face.
- Bottom Center:** A speed graph showing speed in Km/h over time. The current speed is 12.7029 Km/h.
- Bottom Right:** An accelerometer graph showing acceleration data. The G-SENSOR SUM is 0.938.
- Right Panel:** A list of emergency events with columns for "Filename", "Size", and "Date". The selected event is "HCV 3rd Party Roll Back Day.vid".
- Bottom:** A control panel with a play button, a progress bar, and various icons for settings and navigation.

# All these events are scored:



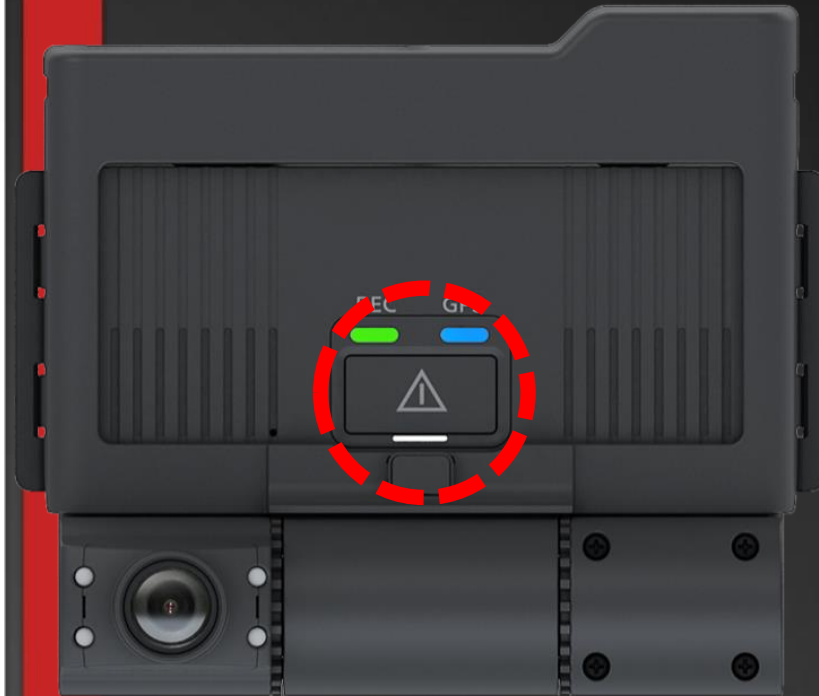
You start with a score of 100 %

As you travel more without incident, your score will get better again

This will ultimately help you become a safe and cautious driver

“Concern but Your Responsibility” – Basil Mann (SDTA)

# When to use the Button?



- When you see a suspicious vehicle about to pull you over or an informal road-block
- In a medical emergency like a heart attack
- When you see a 3rd party damaging your or other property
- When you observe suspicious looking person(s) approaching your vehicle

Tampering with the camera is NOT permitted and is a **DISMISSABLE OFFENCE**



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Thank You