G-Force COMMUNICATIONS LTD

DISCOVER OUR **FULLY COMPLIANT**

DVS **'PROGRESSIVE SAFE SYSTEM'** 2024

SAFETY SOLUTION

FULLY UK TESTED FOR MOIS & BSIS

FULLY UK TESTED FOR MOIS & BSIS

VERSION 2 - PUBLISHED NOVEMBER 2023

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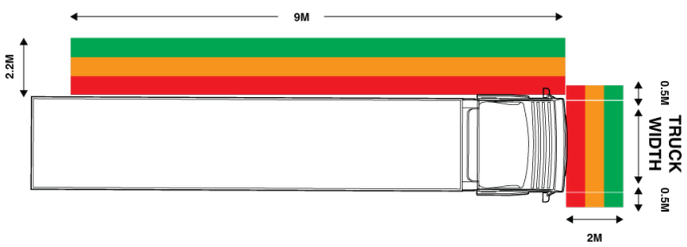
WHAT IS THE PROGRESSIVE SAFE SYSTEM (PSS)

As part of the Mayor of London's #VisionZero plan to eliminate ALL deaths and serious injuries on London's transport network by 2024, TFL have released an enhancement to the current **Direct Vision Standard** (**DVS**) 'Safe System' with the introduction of the '**Progressive Safe System**' (PSS).

From 28 October 2024 HGVs over 12T must meet a minimum standard of **three-star rating**,



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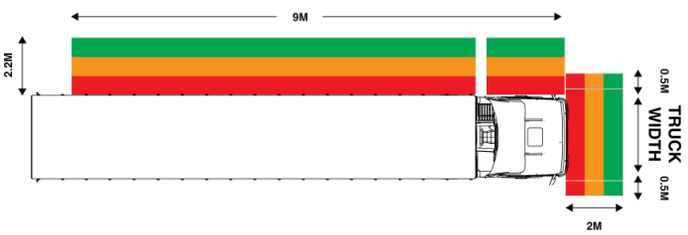

KEY DATES:

Applications for DVS 'PSS' Permits accepted from:
MONDAY 24 JUNE 2024

DVS 'Safe System' Permits (for 0 - 2 star HGV's) valid until:
SUNDAY 27 OCTOBER 2024

DVS 'PSS' Permit required (for 0 - 2 star HGV's) by:
MONDAY 28 OCTOBER 2024

TfL 3-month grace period ends on:
TUESDAY 28 JANUARY 2025

PSS Permit valid until:
MONDAY 28 OCTOBER 2030

Where vehicles do not meet this minimum standard, operators are required to implement a series of vehicle safety measures which are designed to reduce the risks that HGVs present to vulnerable road users (VRU).

With the addition of a **Moving Off Information System** (MOIS), the PSS also uses a **Blind Spot Information System** (BSIS), and a **Camera Monitoring System** (CMS) to completely eliminate the blind spot on the nearside of the vehicle.

PREPARE & PROTECT YOUR FLEET

Our **AI INTELLIGENT PEDESTRIAN DETECTION SYSTEM** eliminates blind spots and cleverly detects VRU's by providing driver's with audible and visual warnings of VRU's on the road.

Drivers are given clear distances by measurement and colour codes (**RED**, **AMBER**, **GREEN**) which are displayed on the cab monitor.

1080P AI PEDESTRIAN DETECTION CAMERA

- ✓ 170° AND 140° Camera Angle's
- ✓ Detects Vulnerable Road Users (VRUs)
- ✓ Night Vision
- ✓ Customisable Zones to show Detected Areas (**RED**, **AMBER**, **GREEN**)
- ✓ VRU Warning Iinformation
- ✓ Technology Built All-In-One.
- ✓ Easy Wi-Fi Camera Calibration & Set Up.
- ✓ Works in Conjunction with Parksafe Group MDVR's
- ✓ Incident Prediction
- ✓ Audio Alerts (BSIS & MOIS)

MEETS R151 & R159 REQUIREMENTS

BLIND SPOT DETECTION

360° VISION IMAGES

AI DEEP LEARNING

1080p FULL HD

ADJUSTABLE ZONES

PREPARE & PROTECT YOUR FLEET NOW

QUAD HD MONITOR

Our newest Monitor brings FHD resolution and 4 Channel Input connectivity together into our range. Multiple viewing modes and trigger selections, combined with a user friendly interface makes this a perfect high specification addition.

AUDIBLE LEFT TURN ALARM

The Left turn Alarm is fitted to LCV and HGV vehicles to alert pedestrians and cyclists when the vehicle is turning left. Suitable for: Trucks, Coaches, Buses and Rigid bodies.

INTERNAL AUDIBLE "PEDESTRIAN DETECTION" ALARM

This alarm is mainly designed to be housed inside the cab of the vehicle and will provide audible warnings when pedestrians are detected at a reduced volume. The dB level can also be raised via a trigger wire for external use.

INDICATOR & SPEED PULSE MODULE

Indicator & Speed Pulse Module Used for:

- Turn Left Alarms
- Cameras
- DVR Trigger Input

4 MINUTE TIMER CUT OUT RELAY

When fitted, pressing the dash mounted switch will illuminate & silence the Audible Alarm (when being used between the hours of 11:30pm and 7:00am) for 4 minutes.

After 4 minutes or when reverse gear is disengaged the alarm will go back to normal.

BLIND SPOT STICKERS

A4 & A3 sized Blind Spot Warning Stickers available in either portrait or landscape versions.

Our blind spot stickers are included in our DVS & FORS compliant packages or to purchase separately.

INSTALLATION ACCESSORIES:

RELAY CONNECTION TYPE (5 Pin, Voltage Size: 24V)

CAN BUS EXTERNAL CAMERA & SENSOR CONTROL INTERFACE

AI PEDESTRIAN DETECTION CAMERA WEDGE

Measurements: 25mm (H)

UNIVERSAL BRACKETS

Universal brackets are available to help obtain the correct view on the Ai Cameras.

SUPERSEAL CONNECTORS

A full range of consumables are available to assist on the installation.

PREPARE & PROTECT YOUR FLEET NOW

Vehicles already approved to UNECE Regulation 151 and 159 are considered to have **BSIS** and **MOIS** requirements. For this reason, G-Force Communications Ltd have created these specific kits to guarantee compliance for fleet operators.

PSS 2024 KIT

Suitable for HGV's Entering DVS Zone From October 2024

Kit Description:
Blind Spot Sticker
Side 1080p Ai Pedestrian Detection Camera
Front 1080p Ai Pedestrian Detection Camera
Quad Screen 1080p Monitor
Audible Left Turn Alarm
Internal Audible "Pedestrian Detection" Alarm
Speed & Indicator Module
4 Minute Timer Delay Switch for Panel
Relay Connection Type: 5 Pin, Voltage Size: 24V
Superseal Connector 4-Way Female

FULLY UK TESTED FOR MOIS & BSIS

G-Force COMMUNICATIONS LTD

OUR 5 STAR SERVICE

Consult • Design • Deliver • Maintain • Review

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