

# FUNCTIONALITIES

## SCHEDULING

Specific checks can be scheduled to automatically monitor unauthorised trips, confirm deliveries and check that specified routes are being adhered to, for the entire fleet or for individual vehicles.



## DRIVING STYLE

Clear, simple graphs display the vehicle speed profile, making it easy to calculate loading/unloading times, journey times, break times and traffic conditions.

System administrators can also view graphs describing fuel level and fuel consumption. The system even tells you when the vehicle refuels and how many litres it is refuelled with.



## VEHICLE MAINTENANCE

TMD maintenance management system maintains separate records for each vehicle in the fleet.

By entering the costs of each repair, divided into labour costs and spare part costs, return on investment can be calculated for individual vehicles or for the fleet as a whole.



## SMS

To optimise route planning, TMD can send SMS text messages to any mobile phone. Drivers can therefore be sent new delivery addresses, changes to routes, and new loading orders. SMS messages are also stored along with the time they were transmitted and the confirmation that they were read.



## PRIVACY

Because TMD has been specifically developed with corporate vehicle fleets in mind, employee privacy has been duly taken into account. Fleet managers can safeguard their employees' privacy by blocking the transmission of certain information during non working days or rest days. The system nevertheless continues to monitor mileage information, allowing the fleet manager to ensure that the vehicle is managed correctly and that the service schedules are respected. Privacy mode can also be activated manually by the driver at the touch of a button.



## WARNING

The trademarks and logos of vehicle manufacturers in this brochure have been used exclusively for information purposes and are used to clarify the compatibility of TEXA products with the models of vehicles identified by the trademarks and logos. Because TEXA products and software are subject to continuous developments and updates, upon reading this brochure they may not be able to carry out the diagnosis of all the models and electronic systems of each vehicle manufacturer mentioned within the brochure. References to the makes, models and electronic systems within this brochure must therefore be considered purely indicative and TEXA recommends to always check the list of the "Systems that can be diagnosed" of the product and/or software at TEXA authorized retailers before any purchase. **The images and the vehicle outlines within the brochure have been included for the sole purpose of making it easier to identify the vehicle category (car, truck, motorbike, etc.) for which the TEXA product and/or software is intended.** The data, descriptions and illustrations may change compared to those described in this brochure. TEXA S.p.A. reserves the right to make changes to its products without prior notice.

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TEXA



# TMD TEXA Mobile Diagnostics

# A REVOLUTIONARY, UNIVERSAL FLEET MANAGEMENT SOLUTION, AND THE FIRST SYSTEM ON THE MARKET COMBINING FLEET MANAGEMENT FUNCTIONS WITH ADVANCED REMOTE MULTI-BRAND DIAGNOSTICS

**TMD** tracking and diagnostic devices can be fitted quickly and easily to any vehicle without modifying its original systems.

TMD is far more than just another tracking system: it can provide anti-theft, driving style monitoring, integrated maintenance functions as well as genuine remote diagnostics to monitor the parameters of all vehicle electronic systems.

Because it is connected to the vehicle's diagnostic socket, the on-board TMD device can communicate with all on-board electronic systems (including external auxiliary systems) and actively process hundreds of parameters via the remote operation centre. With TMD installed in your fleet, electronic diagnostic functions that are normally only possible in the workshop are possible wherever a vehicle is located.

The small, discrete and secure TMD device is quick and easy to install and, once installed, is completely hidden (including the antennas) inside the vehicle, and does not interfere in any way with the vehicle's other systems.



## TMD Safetrailer

is an advanced satellite tracking system specifically designed for trailers. The operations software can be installed on standard Windows PC or even on a smart phone or palmtop, to allow you to keep track of your trailers at all times. A GEOFENCING function keeps fleet manager and trailer constantly in touch.

## TMD SafeTruck FMS

is a solution for commercial vehicles, buses and coaches that provides information on driving style and operating data such as mileage, fuel consumption, fuel level, engine rpm, gearbox usage and tachograph data.

The system has 4 digital inputs for monitoring external systems and a Bluetooth server capable of connecting a number of systems simultaneously (e.g. sat-nav systems, barcode readers, PDAs, smart phones, printers and displays).



## TMD SafeTruck Diagnostics

is the top of the TMD range, designed for logistic and road haulage professionals.

Finally, your own technician can provide effective support remotely. All the diagnostic operations that normally have to be done in the workshop can now be performed remotely. Faults and malfunctions can therefore be analysed before deciding whether to recall the vehicle, have repairs done at an authorised service centre or, in the case of errors in electronic systems, to make any necessary repairs via the remote connection. All actions taken are recorded to allow vehicle downtime and costs to be computed.



The web based Fleet Management software can be fully customised and can be integrated with various ERP systems.

The diagnosis software is the newest IDC4, the evolution of the famous IDC3; it is made up of an exclusive multi-brand operating environment for vehicle diagnosis entirely designed by TEXA and used by 50.000 technicians worldwide.



Precise tracking of your entire fleet.



Remote diagnostics of fuel injection control unit and parameters.



Reporting of errors logged in fuel injection control unit.

## OPTIONAL DEVICES



ENGINE IMMOBILISER



KEYLESS TRANSPONDER

## TMD OFFERS A COMPLETE RANGE OF SOLUTIONS FOR ALL VEHICLES

### TMD Safecar

is the base model satellite tracking and anti-theft system, designed to locate all the vehicles in your fleet and immobilise their engines in the event of theft simply by sending an SMS text message. A three axis inertial sensor also records information on those vital seconds prior to and after any impact, to provide essential data for reconstructing the dynamics of any accidents. A GEOFENCING function allows you to establish checkpoints along the route and sends signals in real time, even via SMS text messaging, to one or more mobile phones.



All TEXA products are guaranteed for 24 months

To view demos showing TEXA instruments in operation visit [www.texatmd.it](http://www.texatmd.it)