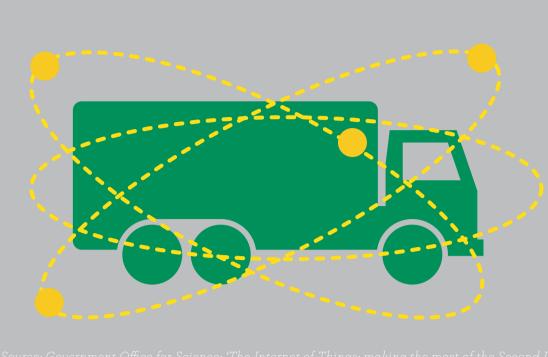
'THE INTERNET OF THINGS' IN THE COMMERCIAL VEHICLE SECTOR

EXPLAINED

DEFINITION

THE INTERNET OF THINGS DESCRIBES A WORLD IN WHICH EVERYDAY OBJECTS ARE CONNECTED TO A NETWORK SO THAT DATA CAN BE SHARED.





sector the Internet of Things

2020



Vehicles will be connected to the internet

By 2020 vehicle

connectivity will boost the global market for connectivity components by...



APPLICATIONS IN THE

COMMERICAL VEHICLE SECTOR

CONNECTIVITY ALLOWS VEHICLES TO COMMUNICATE WITH THEIR **ENVIRONMENT.**

AUTONOMOUS CARS

By collecting data about road, traffic and weather conditions as well as route information, they can operate with little

or no human input.

GOOGLE'S SELF

DRIVING CARS





system could be considered the driver.

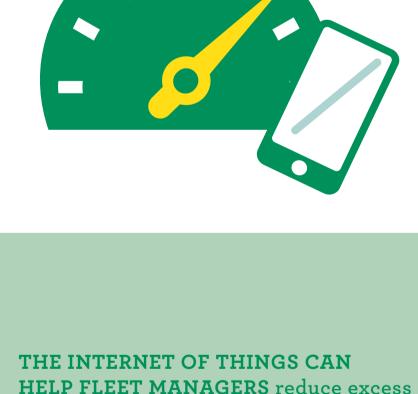
announce that Google's artificial intelligence

LAND YOU IN TROUBLE WITH HMRC. Smartphone apps and dongles can be installed in vehicles to track mileage information from journey

start to finish. This can be then be downloaded and kept on file by the fleet manager.

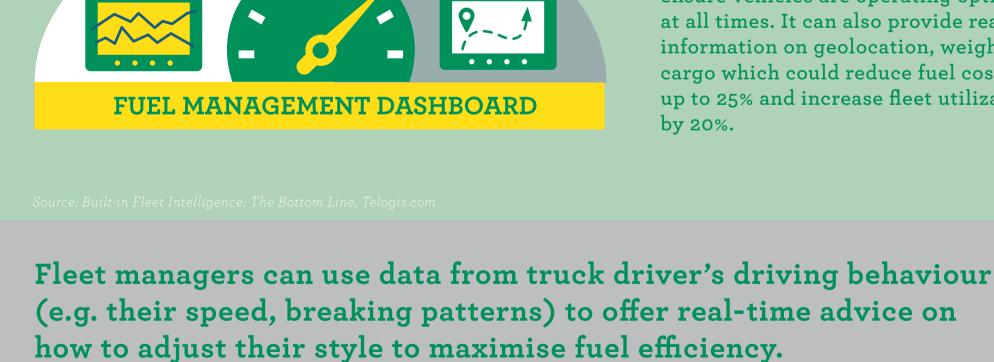
FAILURE TO RECORD FLEET MILEAGE WILL

Source: Fleet News, 'Apps and dongles help you comply with HMRC', 2015 FUEL EFFICIENCY



speeding and idle time and improve routine maintenance so that they can

ensure vehicles are operating optimally at all times. It can also provide real-time



information on geolocation, weight and cargo which could reduce fuel costs by up to 25% and increase fleet utilization by 20%.

VEHICLE HEALTH

SENSOR TECHNOLOGY CAN MONITOR VEHICLE HEALTH. Smart valves installed in the tyres of commercial vehicles collect

data on things such as air in tyres, tyre tread and tyre age.

SERVICE ROUTES.



Source: Intel, 'Driving an IoT Revolution in Fleet Management'

FLEET MANAGEMENT



FLEET MANAGEMENT PLAYS A CRITICAL ROLE IN MANAGING MAINTENANCE SCHEDULES, EVERYDAY VEHICLE USAGE AND

To maximize productivity and operational efficiency, fleet downtime must be minimized. With mobile scanners, computers and RFID systems alone, enterprises can gain visibility into their assets and better streamline operations to keep their fleet moving.



Business is ON