

# What driver assistance can do for your fleet

Driver assist technology offers a set of invaluable tools that can be fitted to existing fleet vehicles to make them smarter and safer. Giving drivers information, alerts and a 360-degree view of their surroundings can dramatically reduce accidents and help keep vehicles on the road for longer. Here are the stats and facts you need to know...

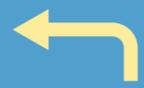
## 80%

The number of crashes that could be prevented by vehicle-to-vehicle warning systems, according to a report published by the Washington Post.<sup>3</sup>



## 94%

The number of accidents that can be attributed to driver error in the US, according to the National Highway Traffic Safety Administration (NHTSA)<sup>1</sup>



## 22.2%

The percentage of accidents involving a left-hand turn (crossing oncoming traffic) in the US, according to the NHTSA. In left-hand drive countries, there are similar statistics for right-hand turns.<sup>2</sup>

## 1.5 seconds

The amount of warning time required to prevent about 90% of rear-end collisions. With just 0.5 seconds of additional warning time, 60% of rear-end collisions could be prevented.<sup>4</sup>

## 5-15%

The potential insurance discount a vehicle may be entitled to by having an approved tracker installed. (Dependent on your insurer, tracker model and other tech that you install.)<sup>7</sup>

## 80mph

Exceeding the UK's speed limit by 10mph can use up to 25% more fuel, according to the UK's Automobile Association (AA). Monitoring vehicle speed and warning drivers when they are travelling too fast can cut fuel costs.<sup>6</sup>

# 707,758

The number of motor vehicle thefts in the US in 2015, showing a 3% increase year-on-year. Tracking systems can help reduce costs by allowing a vehicle to be recovered faster.<sup>8</sup>

## \$280

The potential average savings per vehicle per year that driver assist warning systems could deliver, according to Cisco IBSG – \$190 for the vehicle owner and another \$90 for the external "societal cost of crashes."<sup>5</sup>

## \$70-\$650

The yearly cost of engine idling, depending on vehicle type, idling habits and fuel prices. Turning off engines in the right circumstances can save money. Installing a tracking system can give you the tools to monitor how long your fleet is idle for.<sup>10</sup>

## £9,700

The cost of the average commercial vehicle theft according to official statistics from the UK's National Archives. Monitoring systems can prevent crime or, at the least, give evidence for the police to prosecute thieves.<sup>9</sup>



### 10 million gallons

The amount of fuel that UPS saved in the US by re-routing its drivers to ensure they only turned right, thereby avoiding crossing across on-coming traffic. Such intelligent route-planning, updated live, can further cut costs.<sup>11</sup>



### Four times as deadly

The increased risk of a pedestrian dying when hit at 40mph rather than 30mph. Installing speed recognition software helps drivers keep at legal speeds, making roads safer for pedestrians.



### 360-degrees

The all-round view provided by a surround camera system like the VIA Mobile360, eliminating blind spots and helping to make all manoeuvres safer.

1. <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812115>  
2. <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/811366>  
3. <http://www.washingtonpost.com/wp-dyn/content/article/2011/01/25/AR2011012506232.html>  
4. [https://www.nts.gov/news/events/Pages/Rear-End\\_Collision\\_Prevention\\_Technologies.aspx](https://www.nts.gov/news/events/Pages/Rear-End_Collision_Prevention_Technologies.aspx)  
5. <https://www.cisco.com/c/dam/en/us/solutions/collateral/industry-solutions/connected-vehicles-automotive.pdf>

6. <http://www.theaa.com/driving-advice/fuels-environment/drive-smart>  
7. Amalgamation of sources, including competitors  
8. <http://www.iii.org/issue-update/auto-theft>  
9. <http://webarchive.nationalarchives.gov.uk/20110218140137/>  
10. <https://www.edf.org/climate/reports/idling>  
11. <http://think.direct.gov.uk/speed.html>  
12. <http://edition.cnn.com/2017/02/16/world/ups-trucks-no-left-turns/index.html>