



**Technical Information Bulletin*:
Speed Data
(TIB 102606)**

One of Networkfleet's most popular features is vehicle speed data. Speed data can be used to enforce safe driving policies, benefiting both employees and customers. Multiple "speeding" violations can help fleet managers identify unsafe driving patterns. In addition, drivers who know that their speed will be monitored may become more cognizant of their driving behavior. More detail on how speed data is calculated and displayed in the Networkfleet application can be found below:

How speed is *calculated*

Speed calculations differ for each of Networkfleet units in the 3400 Product Line.

L3400 and H3400 Units

The L3400 and H3400 units are very accurate and report speed values directly provided by the vehicle's engine computer. You may notice a slight discrepancy between Networkfleet speed value and your vehicle's speedometer as the speed reported by speedometer is only accurate within approximately 2% -3% (when the car is new) of the engine computer's value. In most instances, the Networkfleet speed and the vehicle's speedometer are approximately the same value.

U3400 Units

Because the U3100 unit is not connected to the vehicle's engine computer, the Networkfleet device calculates speed by using data from GPS Satellites. The Networkfleet device analyzes the straight-line distance traversed by the vehicle between two geographic points and divides this by the time traveled to get the mph of the vehicle. This speed value is fairly close to the value reported from the vehicle's engine computer. However, there are some situations what will reduce the accuracy of this calculation. These instances include: a strong curvature on a road, driving into "urban canyons" or topographic canyons, very poor atmospheric conditions such as heavy snow or some types of dense fog, or satellite "down time" due to service or software changes.

How speed is *displayed*

The Networkfleet website displays the *maximum* speed a vehicle drove during any given two minute interval. For example, if a vehicle was going between 55 mph and 60mph between 3:10pm and 3:12pm, the Networkfleet website would display a vehicle speed of 60mph for that particular time period.

To learn more about Networkfleet, please contact Networkcar Customer Support at 1-866-227-7323 or email support@networkcar.com.

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