

## HOW CAN

# Telematics Data Improve Freight Transportation?

Trucking fleets drive commerce and freight transportation in America, with more than 70% of all U.S. freight tonnage moved onboard trucks. Telematics uses data gathered from these fleets to improve efficiency across numerous areas of business.

## How Does a Telematics System Work?



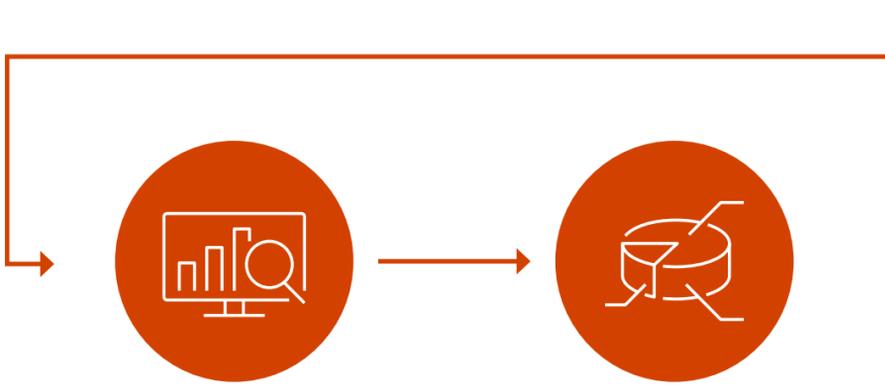
The telematics system collects and processes data from the vehicle.



The data is transmitted via a modem to a central server.



The server provides access to stored data to the end user.



The end user gains insight into fleet performance by analyzing the data.

The analysis is used to identify at-risk drivers, reduce operating expenses and make more informed decisions regarding overall fleet efficiency.

## How It Improves Freight Transportation



- Offers real-time insight into vehicle operation for enhanced organization and communication
- Facilitates fuel consumption observation and management
- Generates reports on driver behaviors, such as speed, idle time, etc., to better monitor driving safety and arrival times
- Streamlines route planning through improved adaptability and response
- Provides alerts on vehicle maintenance and repair needs to better protect drivers and support productivity
- Aids in reducing theft and recovering stolen assets through GPS technology

