

# FAST FACTS ABOUT...

## VEHICLE DATA ACCESS

# THE FUTURE OF MOBILITY IS CHANGING RAPIDLY WITH MAJOR TRANSFORMATIONS:

- **Advanced Drive-Assistance Systems (ADAS)**
- **Autonomous driving**
- **Vehicle Electrification**
- **Shift to asset usage**
- **Vehicle-to-Vehicle, Vehicle-to-Infrastructure Connectivity**

## Data Helps Drivers Monitor...



Fuel efficiency



Tire maintenance



Road conditions



Weather conditions

# HOW IN-VEHICLE DATA ADVANCES THE FUTURE OF MOBILITY

**Tires** are the only part of a vehicle that connect with the road and can **link information about the road and the vehicle** to provide key data to the driver.

Access to this data can **increase the speed of innovation** of connected and autonomous technologies in the United States.

Access can also **improve safety and sustainability** through information generated in applications for drivers.

# WHAT ARE THE BENEFITS OF ACCESS TO IN-VEHICLE DATA?

**Data access is critical to improve vehicle safety and sustainability.**

Reduced  
Energy  
Usage

Increased  
Safety

Reduced  
Emissions

Increased  
Vehicle  
Uptime

Reduced  
Traffic  
Congestion

# EXAMPLES OF IN-VEHICLE DATA BENEFITS

## Information generated by the tire and paired with vehicle data:

Notifies the driver of events or vehicle maintenance issues

Monitors and provides real-time road and weather condition data to the driver

Predicts tire wear, damage and when tires need to be rotated or replaced

Provides real-time data about vehicle loading

Reminds the driver of safety checks and service intervals

# HOW TO ENSURE PRIVACY AND EQUITY

**Industry standardization** to support privacy and cybersecurity.

**Opt-in option** for consumers to choose if a service can access their vehicle's data.

**Diagnostic tools accessible** to enable diagnosis and repair, as well as preventative service and maintenance.



*Integrated tire sensors, chips  
and tags wirelessly transmit  
real-time information*

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VEHICLE DATA ACCESS  
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