Fleet Telematics

TELEMATICS

Telecommunications

Exchange of information across distance

Informatics

Science of processing data

## Optimize Fleet Operations

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Lower Costs

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Reduce Carbon Footprint

Data Collecting System

- Location
- Fuel Economy
- Auxiliary Loads
- Speed & Idle Time
- Seatbelt Status
- Odometer Readings
- Engine Temperature
- Individual Tire Pressure
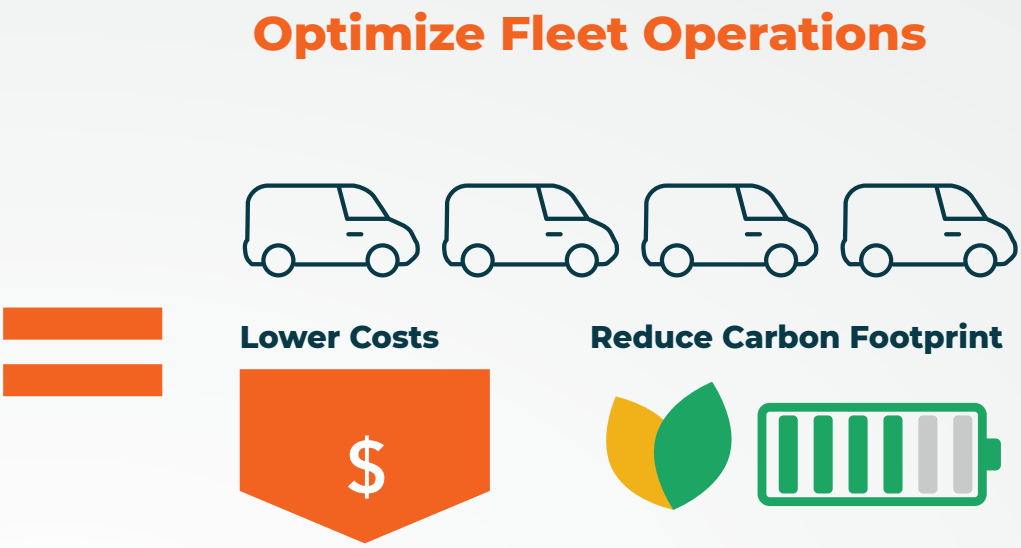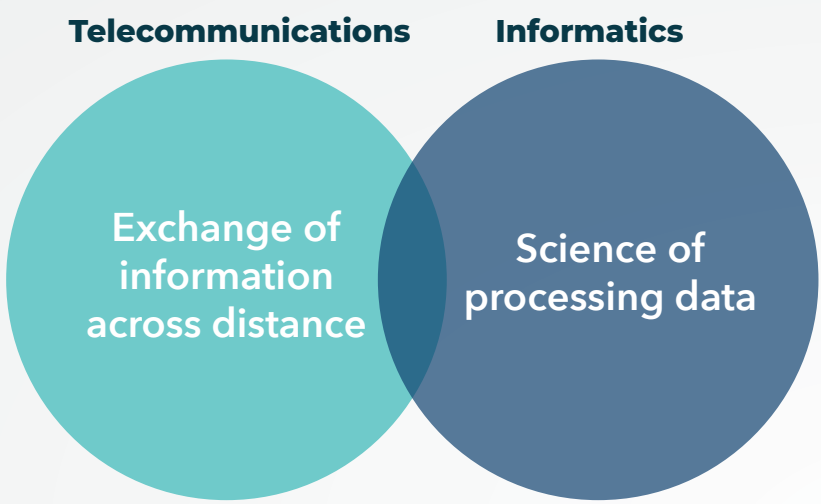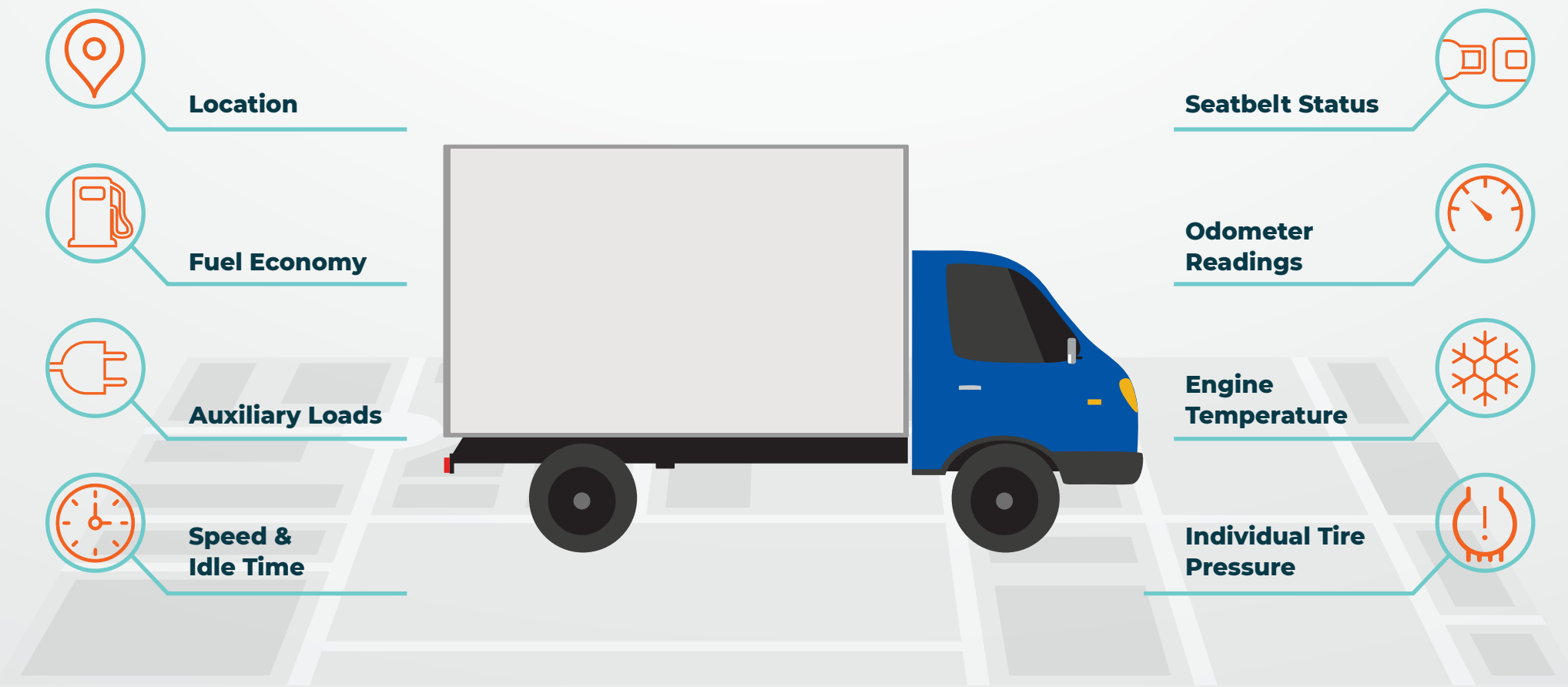
The 4 Levels of Telematics

1
Basic GPS Tracking

Remote GPS vehicle tracking data transmitted to your online portal.

- + Geofences
- + Fuel Economy
- + Vehicle Location
- + Vehicle Speed & Idle Time

✓ Increase driver safety and reduce insurance costs

✗ Only gives a macro view of how your fleet is performing

2
OBD-Based Telematics

On-board diagnostics help zero in on what's going on under the hood of each vehicle.

All of Level 1 PLUS:
- + Hyper- Accurate Trip logs
- + Calculate Fuel Economy
- + Engine Temperature
- + Diagnostic Trouble Code (DTC's) for specific machines.

✓ Fix problems as they arise and before they get worse

✗ Lacks important data like seat belt status

3
Enhanced Signals

Use CAN (Controller Area Network) Bus inputs by tapping into enhanced signals not readily available through the OBD port.

All of Level 2 PLUS:
- + Auxiliary Loads
- + Power take-off status
- + Individual tire pressure
- + Seat belt status

✓ Delivers a wealth of raw data that can be tailored for your organization

✗ Missing support for electric vehicles

4
Electric Vehicle Support

The highest level, a robust system for coping with the complexities of electric vehicles.

All of Level 3 PLUS:
- + Maximize ROI
- + Predictive analytics based on Duty Cycles
- + Valuable insight into purchasing and maintenance timetables

✓ Optimize everything from charging to emissions reporting.

EnSight+ is a new with customizable field service management software developed for managers, supervisors, and other industry professionals. Its extensive suite of functionalities was designed with a sense of maximum utility and minimum learning curve. EnSight+ is also highly flexible, with field service managers able to customize displays, workflows, reports, and data visualizations to best fit their operational objectives.

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