

Telematics: Insights to actions



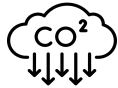
**Panel for Data for
Sustainability &
Success**

**Steve Hemenway, Integrated Partnerships, Verizon Connect
August 2023**



6 ways telematics supports sustainability

Make an impact



Use fuel efficiently



Plan ahead



Coach Drivers



**Maintain equipment
& vehicles**



**Go completely
paperless**



The right data for the right actions

By automating data gathering, a fleet manager can get to key issues fast and prepare reports for the whole fleet operation.


















Actionable data benefits...

- **Monitor** speeding, idling, harsh braking and other driver behaviors
- **Track** essential business details
- **Analyze** operation to improve routes, labor costs, asset utilization, and downtime
- Accurately **plan** for capacity and reduce overtime
- **Review** progress toward achieving and maintaining KPIs, budgets or goals
- Near real-time planning and analysis to measure actual **performance against plan**



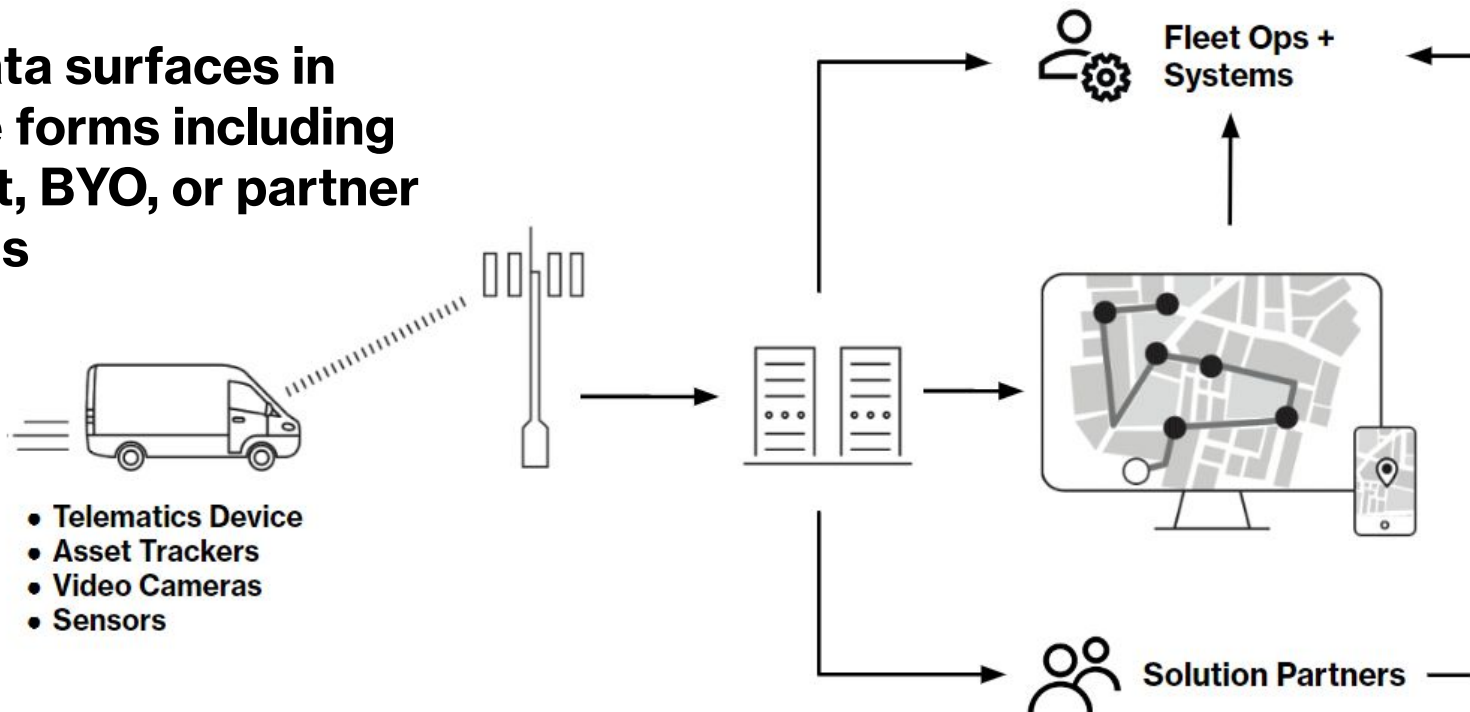
Variety of data categories available

- | | | | |
|--|--|--|--|
|  Driver |  Geofences |  Alerts |  Electric Vehicles |
|  Vehicles |  Video |  Users |  Fuel |
|  Groups |  Logs |  Work Orders |  Diagnostics |
|  Assets |  Assignments |  Safety | |



Data 'on the move'

Fleet data surfaces in multiple forms including pre-built, BYO, or partner solutions



Pre-built reports, alerts & dashboards

Productivity

Daily
Cost analysis
Sensor activity
Geofence
Work orders
Travel stops
Time spent
User activity

Sustainability

Emissions
EV Suitability
Carbon Footprint

Costs

Maintenance
Labor
Fuel Costs
Idling

Safety

Video
Harsh Driving
Exception
Speeding
Driving Style

Compliance

Driver log
Inspections
Hours of Service

Data available in configurable reports, graphs, maps, and dashboards



Pre-built data views to inform plans

EV Suitability Tool

Replace 41% of your fleet with Electric Vehicles (EVs)

See which of your vehicles are suitable for replacement with EVs. This information here is updated daily and is based on your fleet's activity over the last eight weeks.

[Learn about EV suitability calculations](#)

For accurate calculations, ensure you have selected the fuel type for each of your existing EVs as 'Battery Electric Vehicle' on the [Vehicle Information tab](#).



Your fleet's EV suitability

Vehicles suitable for replacement with EVs: 41%



■ 238 EV Suitable
■ 20 Existing EVs
■ 328 Other

Estimated savings and reductions (per annum)

Total fuel cost savings **\$459,344**
Fuel savings 174,926 gal
CO2 savings 949 metric tons

Most suitable vehicles

Top Recommendation #1 Recommendation #2 Recommendation #3

TX_013 EV suitability: Excellent, Vehicle Use: Medium duty

Daily distance (average): 60 mi
Daily distance (maximum): 92 mi
Efficiency (average): 16 mpg

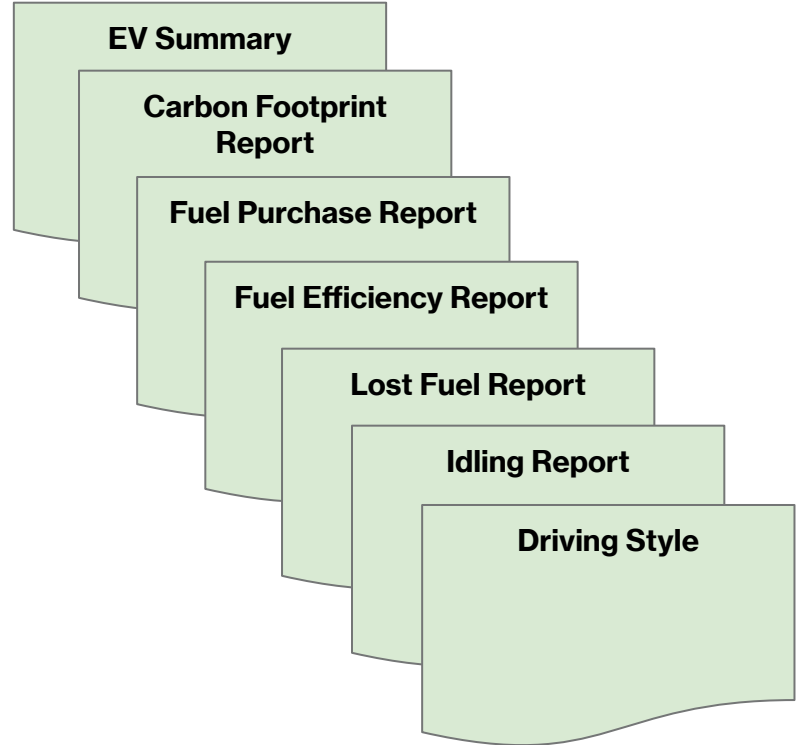
Estimated EV range: 144 mi
Estimated efficiency: 2 mi/kWh

Total fuel cost savings: \$5,460 per annum
CO2 savings: 12 metric tons

Your 238 most suitable vehicles for replacement with EVs

EXPORT CSV

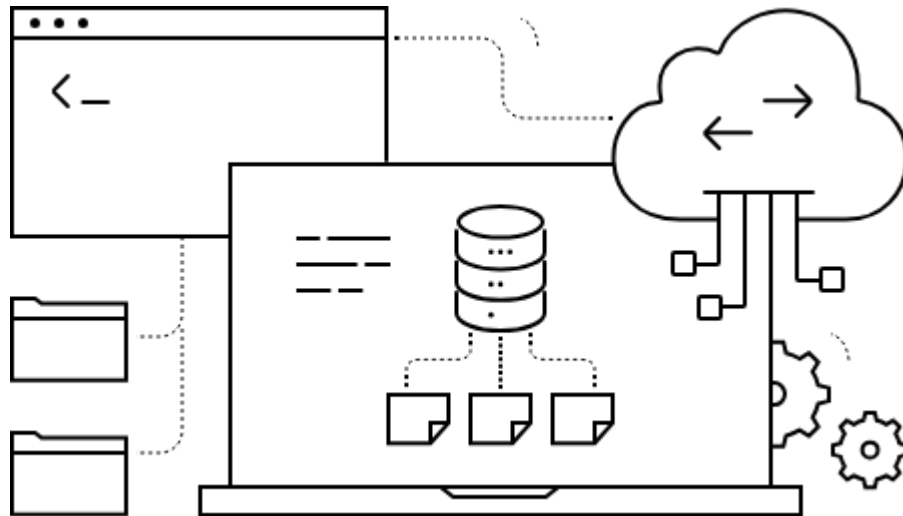
VEHICLE NAME	PRIMARY GROUP	DAILY DISTANCE (MAXIMUM)	DAILY IDLING TIME (AVERAGE)	CO2 SAVINGS	FUEL SAVINGS	COST SAVINGS	EV SUITABILITY	VEHICLE SIZE	ESTIMATED EV RANGE	ESTIMATED EDUCATION
TX_013	GROUP	92 mi	7h 5m	12 metric tons	1,804 gal	\$6,480	Excellent			
FL_002	GROUP	83 mi	6h 55m	9 metric tons	1,396 gal	\$4,975	Good			
CO2_04	GROUP	80 mi	6h 55m	8 metric tons	1,352 gal	\$4,732	Good			



Developer Portal

Allows customers & solution partners to access fleet data for development of ...

- **Fleet applications**
- **Data commingling**
- **Analytics**
- **Process automation**
- **Reports and alerts**
- **GIS**
- **Consulting services**



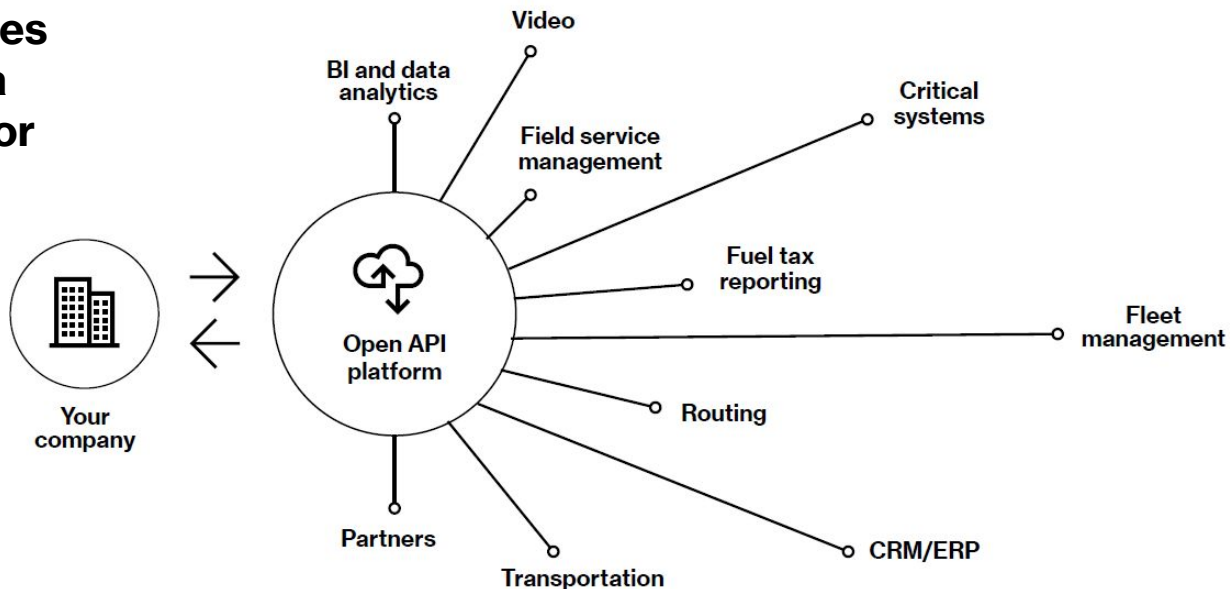
Simplified data sharing to increase speed to decision-making



BYO - Integrate data into your business ops

There are many use cases where fleets ingest data into business systems for specific purposes.

- Planning
- Preparedness
- Procurement
- Performance
- People
- Paperless



Solution partners with more tools and insights

- Growing industry of thousands of integrated solution providers with highly specialized capabilities for electrification, GIS, M&R, ESG, and consulting services
- Many pre-integrated with telematics for easy fleet data access.








We're in this together

New fleet challenges pose new questions

- Community has wealth of experience and fleet leaders to share insights and mentor talent
- Large ecosystem of technology partners and solutions

Resources

-  [2023 Fleet Technology Trends Report](#)
-  [22 Reports for Fleets](#)
-  [Data Privacy for Fleet Managers](#)
-  [Developer Portal](#)
-  [Electric Vehicle Fleet Solutions](#)



