Tethered vs. Untethered Tracking

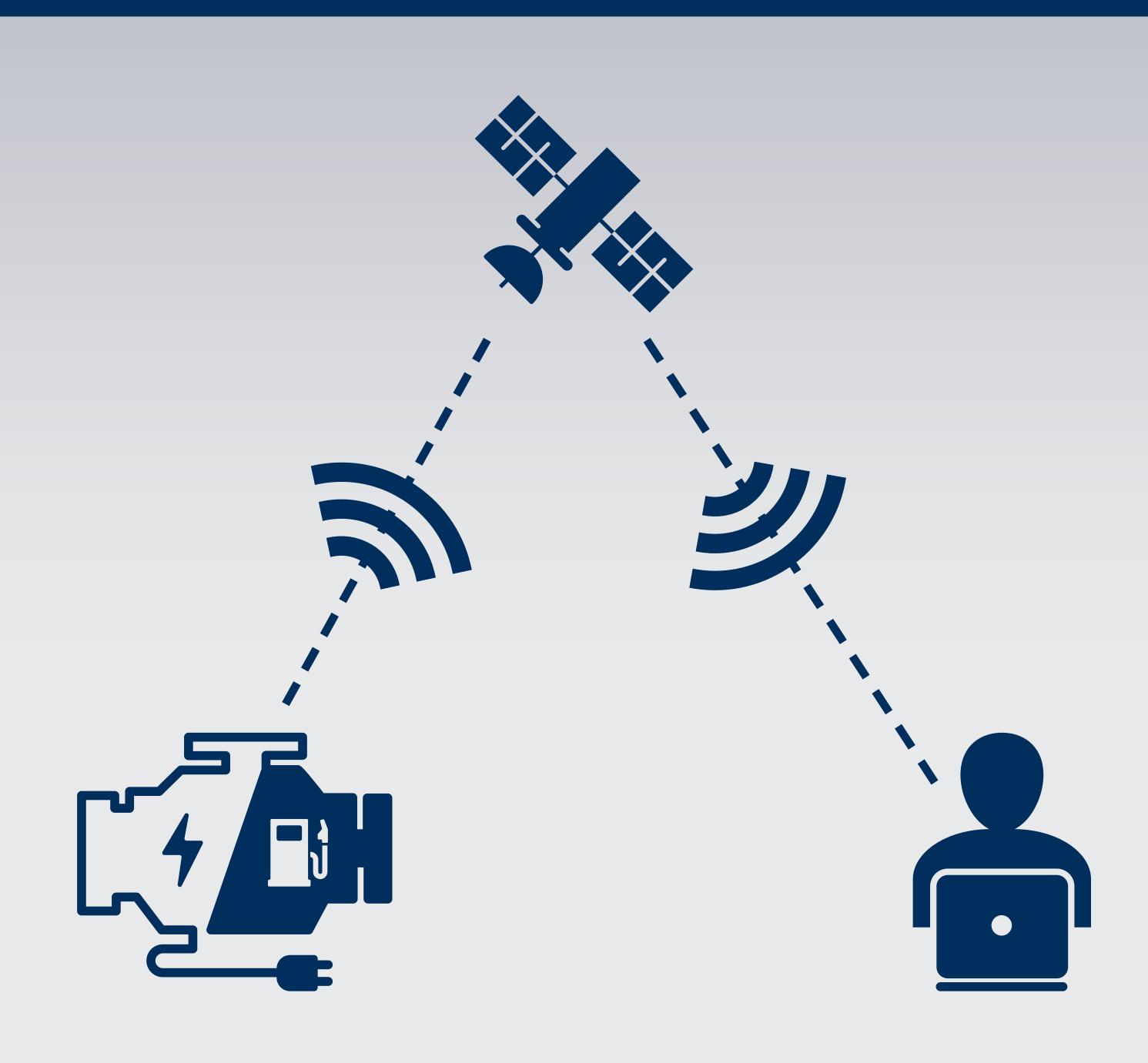
A high-level look at important things to consider before you end up with an iffy fleet tracking solution that's not the bargain you thought it was and miss out on fleetwide visibility you could have used to save more operational costs over time.

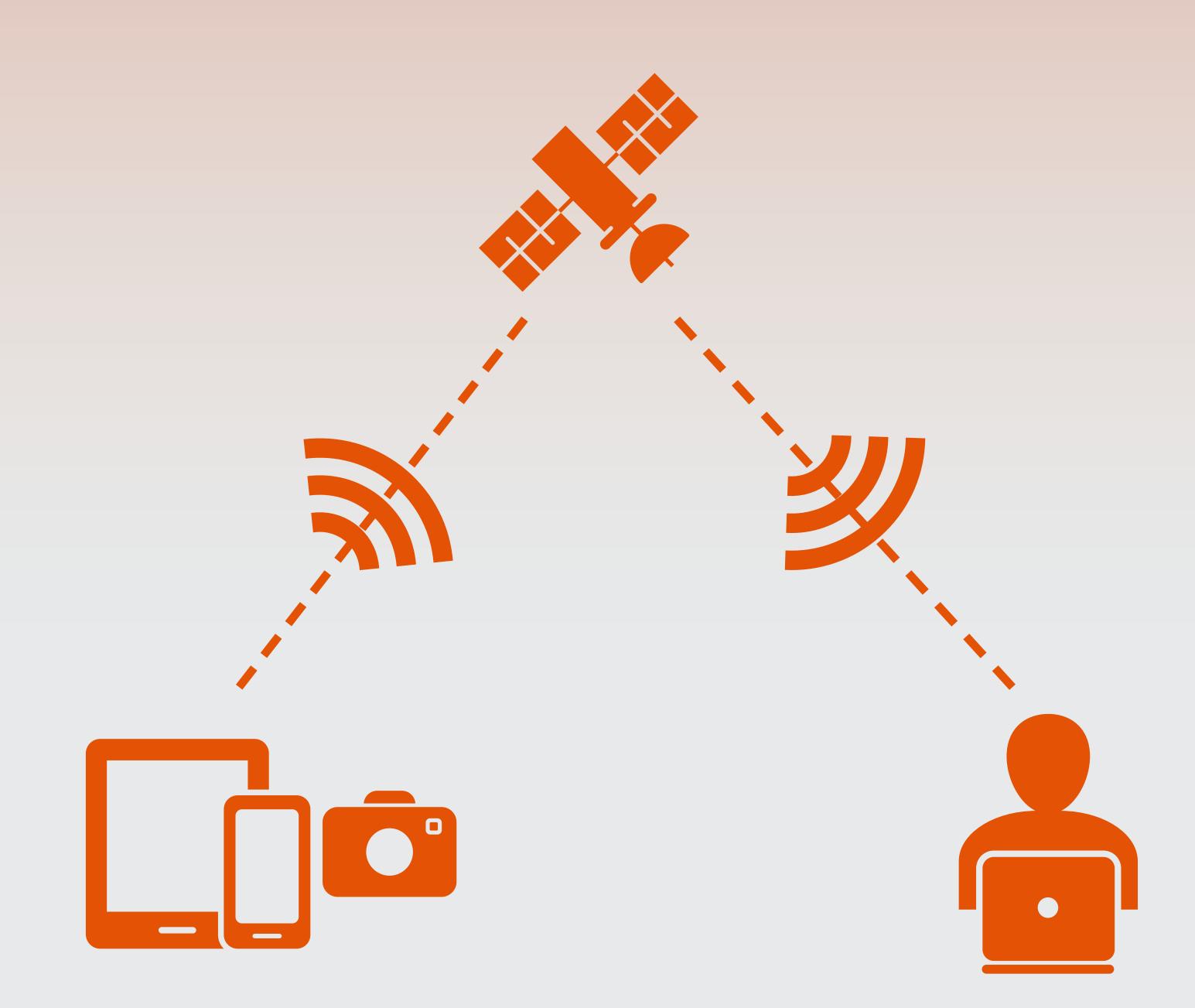
(Darn that bargain price for being so tempting.)

OEM-grade, tethered TCUs Deliver detailed fleetwide visibility.

Savings are realized over time, across multiple categories.

Untethered tracking Limit fleet visibility. Less reliable. Savings are realized upfront and that's it.





Tethered telematics with TCUs

Speaks directly to vehicle

Location data updates: 5 to 10 seconds

Collects comprehensive vehicle data.

- Real-time location
- True vehicle engine speed
- Power take off (PTO)
- True vehicle odometer True vehicle fuel
- consumption True vehicle idle
- Generic & OEM-specific vehicle diagnostic trouble codes (DTCs)
- Accelerometer (hard braking & hard acceleration)
- Discreet input/outputs (I/Os)
- Electric vehicle state-ofcharge (SoC)
- · Emissions for CARB's Clean Truck Check program

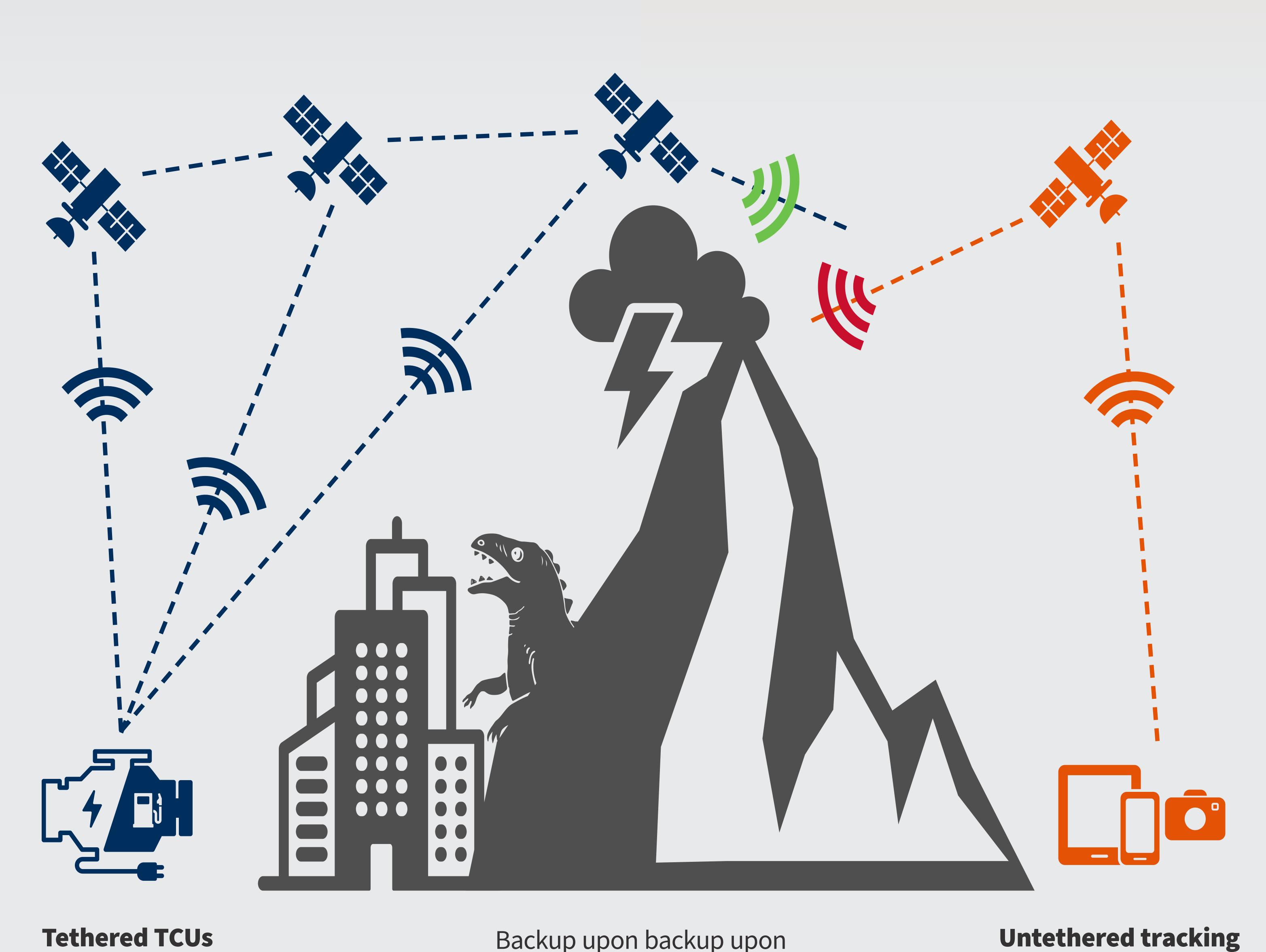
Untethered tracking

Does not speak directly to the vehicle

Location data updates: 30 secs. to 2 min.

Often collects mobile device or camera location only.

- Near real-time location
- Speed based on satellite signals, which can be affected by obstructions such as tall buildings and atmospheric conditions
- Accelerometer based on mobile device GPS
- Odometer based on mobile device GPS



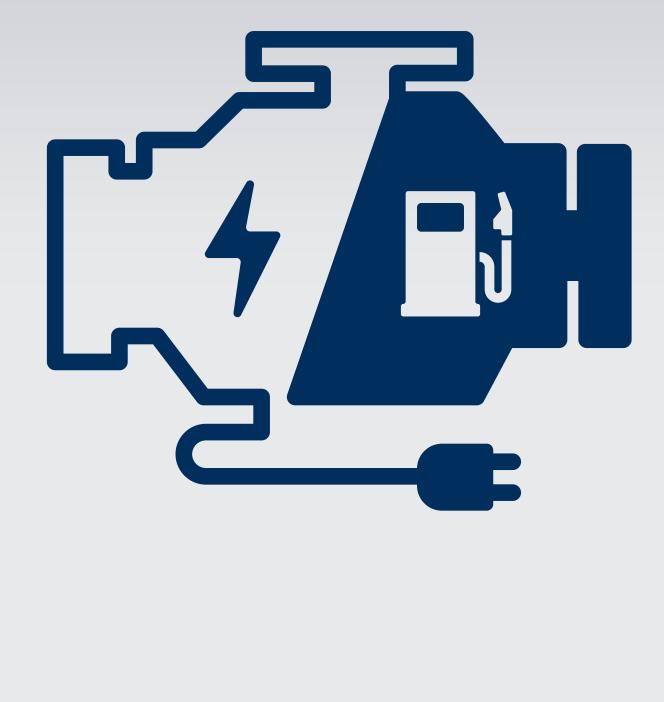
GPS, GLONASS & multiple

satellites ensure reliable connectivity & accuracy. backup connectivity means the data will transmit, no matter conditions the vehicle faces.

Can be affected by obstructions or atmospheric conditions.

TCUs talk to the engine.

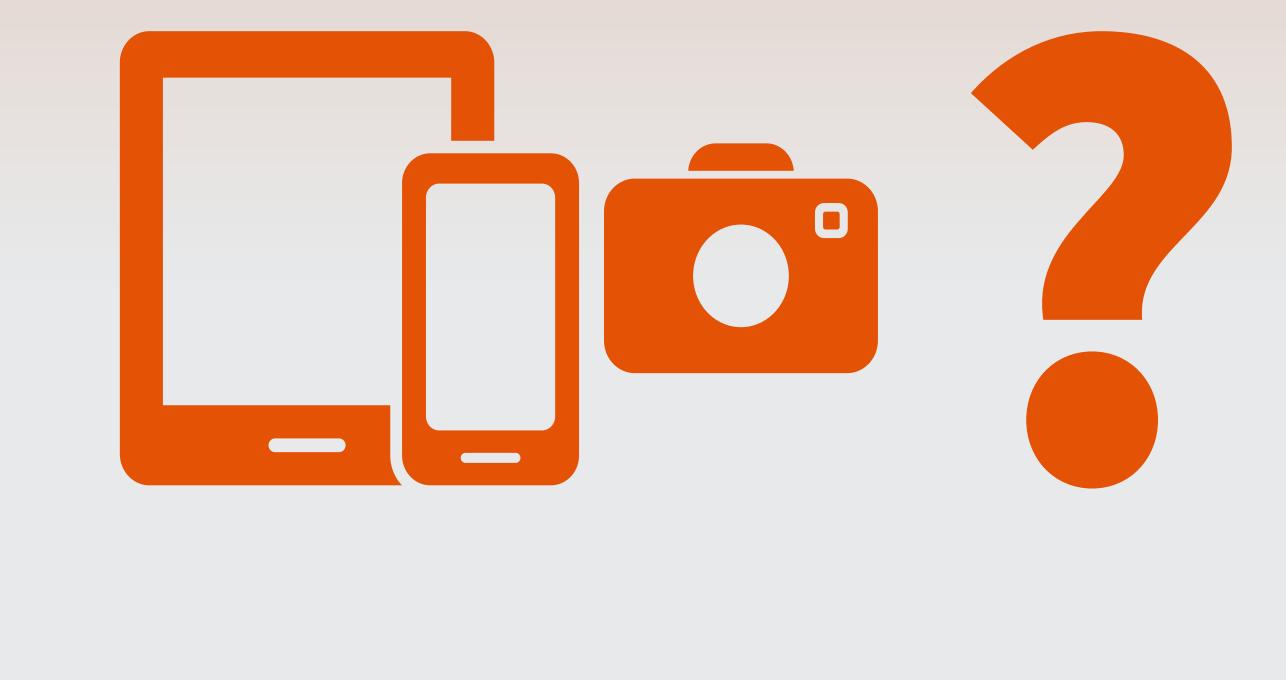
Untethered solutions can't.



- Real-time diagnostics True vehicle activity
- Discreet inputs & outputs
- (I/Os)Accurate, reliable HoS

data for ELD compliance

 Remote emissions scans for CARB's Clean Truck Check



Control more of your operational costs with accurate, high-quality fleet data.

operational efficiencies.

Uncover

vehicle health & uptime.

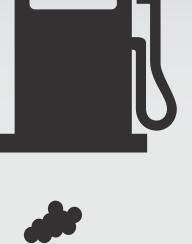
Enhance

more accidents & violations.

Prevent

multiple categories.

Reduce costs in



Fuel



Emissions

(Spoiler: One of the best around.)



Maintenance

Safety & compliance

Learn more about our OEM-grade telematics technologies.

