Fleet tracking gives businesses a competitive advantage, but generating real-time data can be challenging.



Limited connectivity in remote areas and roaming between multiple carrier coverage areas



Tracking exact location of moving vehicles is difficult



Assets are geographically dispersed over large coverage areas



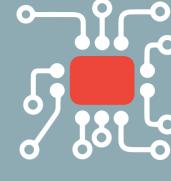
Operating costs are high and driver safety is imperative





resulted in a new generation of fleet tracking solutions, capable of not just remotely tracking a fleet, but also sensing the environment that it is in.

Advances in IoT and sensor technology have



Five key takeaways:



Reduced costs



driver behavior



life cycle management



business operations

can now track the location of their fleet and driver behavior virtually anywhere in the world.

These technological advances mean that companies







USE CASES FOR FLEET TRACKING











Manual vehicle tracking involves dispatching, calling or texting

drivers, whereas automated vehicle tracking uses satellite or cellular connectivity to remotely monitor a vehicle's location,

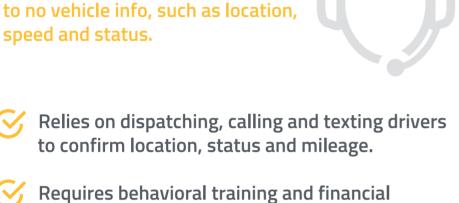


speed and status.

speed and status.

MANUAL

Calling or texting drivers with little



incentives to reduce fuel spend, speeding and idling.

Requires open lines of communication and/or

- Dependent on logs, delivery reports and customer feedback to verify on-time/late arrivals.
- FLEET TRACKING BUILD VS BUY

elimination of take-home vehicle policy.

vehicle location, speed and status.

AUTOMATED

Provides 24/7/365 vehicle data in near-real time.

Uses satellite and cellular network

coverage to remotely monitor



- with start, stop, speed and idling reports.
- journeys and optimizing driver routes. Creates triggered alerts to keep drivers in/out
- of certain geographic areas.

How quickly do you need to deploy the solution?

Companies can build their own fleet tracking solution with embedded connectivity or buy a pre-packaged,

market-ready solution. Answering these questions can help define which solution is right for you.

What type of geographic coverage do you need? Do you have the in-house resources to build you own solution?

- Does your solution need to be customised or have additional sensors? Will you need to track in remote or low-coverage areas?
- Need short time to market Lack of in-house development resources

Good option if:

BUY

- Wired, OBD or battery-powered devices

Cloud-based application

AirVantage IoT Platform

Satellite solution if cellular not available

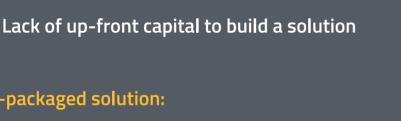
- - **Devices**

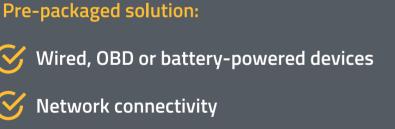
Smart devices pre-configured

with IoT technology are

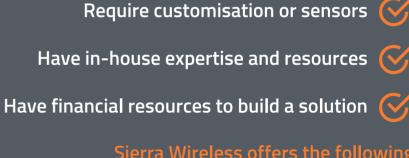
attached to fleets.

No special customisation or sensors required









BUILD

Good option if:

SMART SIM Ready-to-Connect solution IoT modules and gateways 🚫

AirVantage IoT platform

Cloud applications provide

software and mobile apps to

visualize vehicle location.

Have time to develop a solution

Application

START WITH SIERRA

The new generation of LTE fleet tracking solutions presents major business opportunities. By partnering with Sierra Wireless, companies can benefit from the competitive advantages offered by these cutting-edge technologies.



monitor driver behavior

Wired solutions for

trucking applications

tractor-trailers or

THE SOLUTION

Network

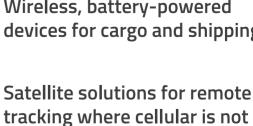
Network coverage that provides

device-to-cloud connectivity connects

the device to the application.







Wireless, battery-powered devices for cargo and shipping

Manage Your Fleet Tracking Deployment Through a Single Point of Management



www.sierrawireless.com/iotconnectivity



For more information on Sierra Wireless' connectivity solutions visit here:

across entire global IoT network with single interface

Tracks device health and

performance from a central



in the field and remotely upgrade the device Manage your whole suite of

SIMs, whether that is a Sierra

Smart SIM or a SIM from a

third-party MNO

available like disaster relief

or transmodal shipping



Monitor and control devices

dashboard

