



PRO™

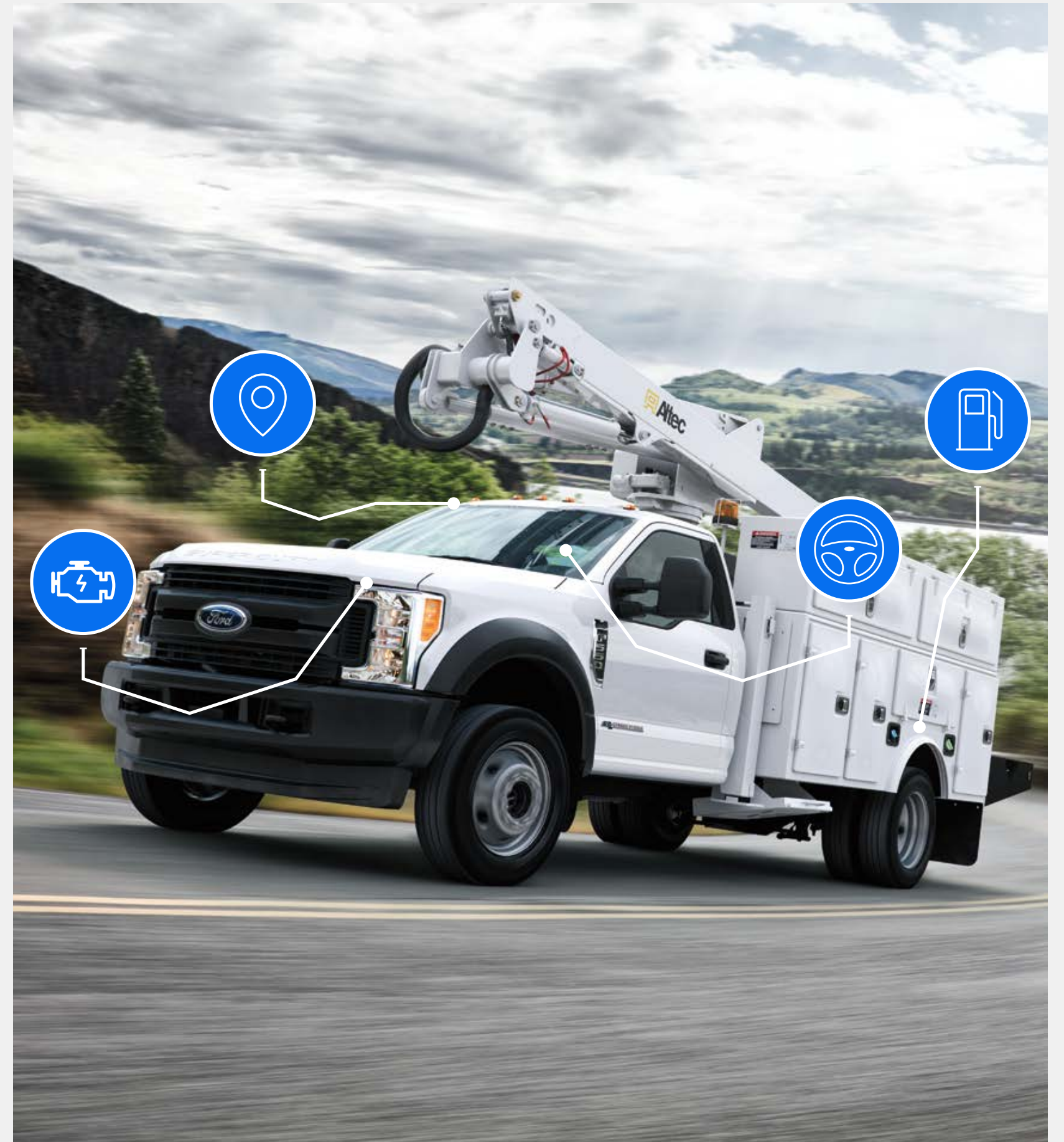
power
up Academy

Ford Pro™ Telematics: REST API

What is REST API?

REST API, or Representational State Transfer Application Programming Interface, is a way to exchange data between computer systems, and is one of the two main ways to **access data from your modem-equipped fleet vehicles**. It gives you detailed vehicle data that you can **pull on demand**, like vehicle health, location and trip history, driver behavior insights, fuel consumption, and more.

It's an important tool for fleet managers because it allows them to **integrate vehicle data** into their business systems or third-party telematics software. All in all, it can help you understand your fleet operations and potentially reveal cost-saving opportunities.

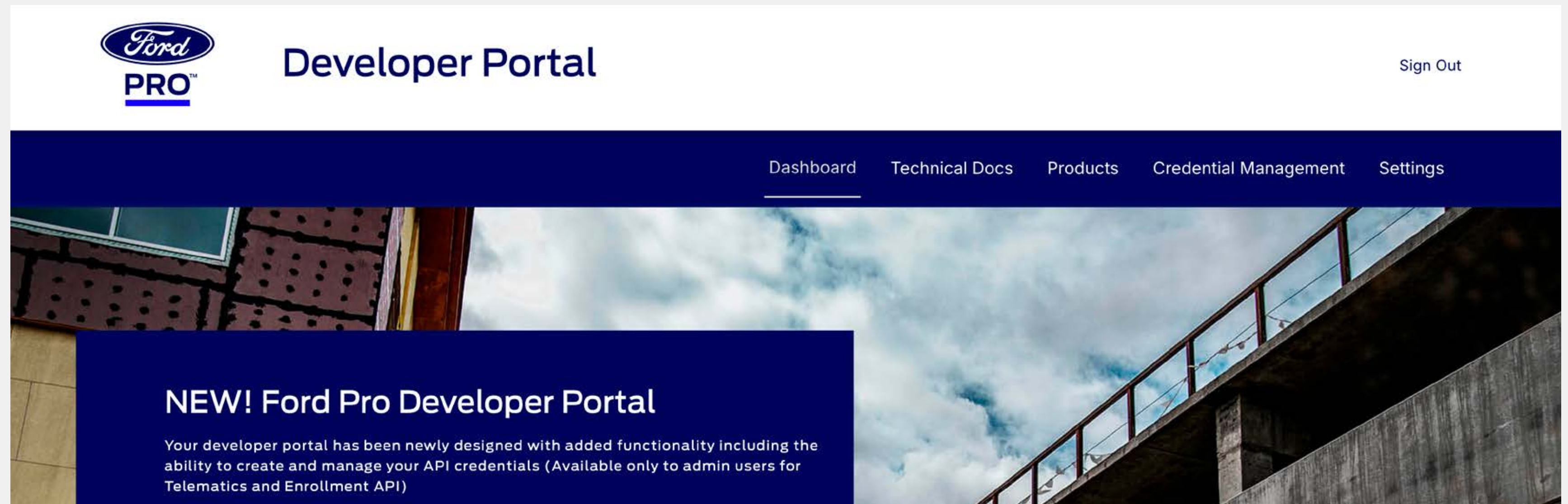


How to Access REST API?

In order to use REST API, **you must be subscribed** to [Ford Pro™ Data Services](#)! This subscription will transmit the data from your fleet vehicle(s) to your third-party telematics software. Someone at your business with **software engineering experience** will need to create a Ford Pro account and [visit the developer portal](#) to integrate Ford Pro Telematics¹ data into your operations using REST API.

1. Available on vehicles with embedded modem or equipped with approved plug-in device (PID). May require modem activation. Ford Pro Telematics and Ford Pro Data Services require a purchased subscription. Terms and conditions apply. Telematics service and features, and access to vehicle data, depend on subscription and compatible cellular network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features.

Screens shown are subject to change.



What Vehicle Information Can REST API Give?

REST API can provide a set of **actionable data points** to a business's existing third-party telematics software or in-house business system to help fleet managers monitor and make informed decisions about their fleet. That information includes:

- ▶ **Driver to Vehicle Association:** Enables fleet managers to assign and unassign drivers to vehicles in their fleet and retrieve active associations.
- ▶ **Trip:** Returns a list of trips for a VIN during a given start and end date.
- ▶ **Vehicle Efficiency:** Detailed data about fuel and energy, like fuel consumption, efficiency, distance, and idle time.
- ▶ **Vehicle Health:** Returns the current health status of the specified vehicle, including open vehicle health alerts and diagnostic trouble codes such as tire pressure, with details on the symptom, severity, category and action to be taken.
- ▶ **Vehicle Historical Status:** Returns historical location and vehicle status values for vehicles in the fleet. Signals include location, heading, odometer, ignition status, fuel level, key EV signals and more.
- ▶ **Vehicle Metadata:** Returns the list of fleet-enrolled vehicles alongside metadata information including vehicle name, make, model and year. This information enables fleet managers to integrate the other endpoint suite Ford offers programmatically.
- ▶ **Vehicle Status:** Returns the most current location and key vehicle status signals for the vehicles in one's fleet. Signals include location, heading, odometer, ignition status, fuel level, key EV signals and more.

REST API offers an alternative to the Pub/Sub (Publish/Subscribe) API feed, which pushes data at regular intervals or when an event occurs.



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