TPL Trakker Tracking API Service Guide

ONLINE TRAKKER SERVICE (API)

Security

APIs have arguably become the preferred method for building modern applications, especially for mobile and Internet of Things (IoT) devices. And while the concept of pulling information into a program from an outside source is not a new one, constantly evolving app development methods and the pressure to innovate means some organizations may not yet have grasped the potential risks involved in making their APIs publicly available.

Prerequisites

- Programming language / tool which can invoke web service and pass parameters to fetch data is required to run this web service.
- Customer provided Active credentials with vehicles is required.
- Encrypt traffic using TLS
- Proven authentication and authorization mechanisms such as OAuth2.0 and OpenID Connect.

Methods:

Method Name	USE Type
Mileage API	Pull
Last Location API	Pull
Basic Movement Report	Pull

Last Location API

Input
Reg#
All Vehicles in one bit

Output
Vehicle angle
Vehicle latitude
Vehicle longitude
Vehicle Location
Power Ignition On/Off
Vehicle Speed
GPS Date/ Time
Received Date/ Time
Alerts if include in packet
Device or VRN number
Vehicle Number
Vehicle Color
Vehicle Model
Vehicle Make
Vehicle Cubic Centimeter (CC)
Vehicle Engine#
Vehicle Chassis#
Odometer Reading

Mileage API
Input
Reg# & Time Duration
All Vehicles in one bit

Output
Total Mileage

Basic Movement Report
Input
Reg# & Time Duration

Output
Vehicle angle
Vehicle latitude
Vehicle longitude
Vehicle Location
Power Ignition On/Off
Vehicle Speed
GPS Date/ Time
Received Date/ Time
Alerts if include in packet
Device or VRN number
Vehicle Number
Vehicle Color
Vehicle Model
Vehicle Make
Vehicle Cubic Centimeter (CC)
Vehicle Engine#
Vehicle Chassis#
Odometer Reading