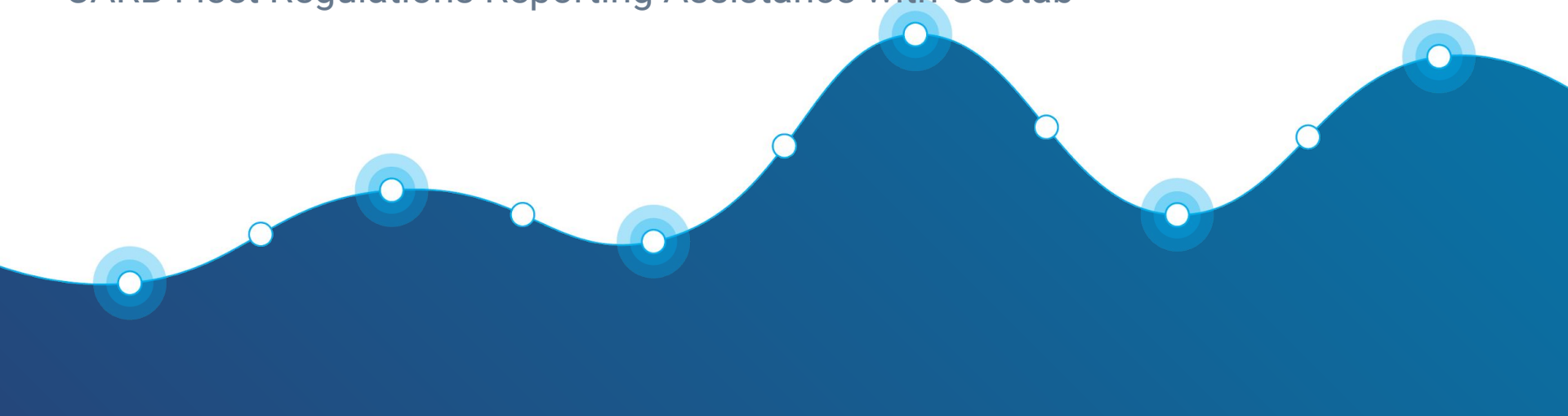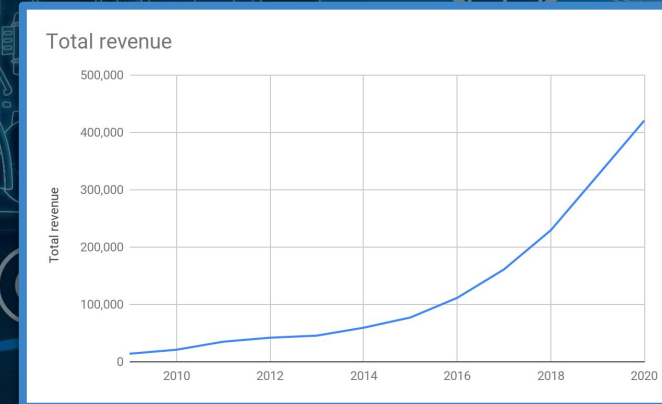# GEOTAB®

Automating Fleet Data Collection and Reporting

CARB Fleet Regulations Reporting Assistance with Geotab
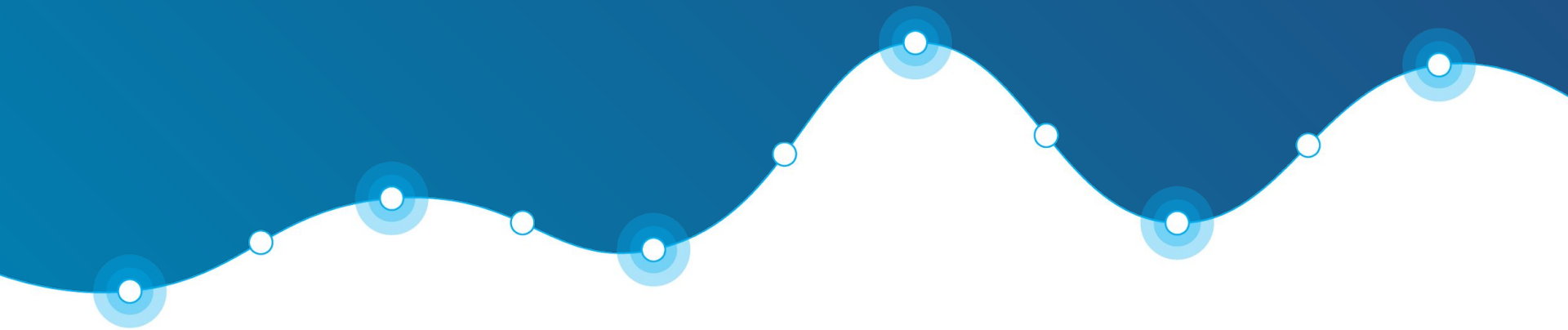
A world leader in Connected Vehicle

- Engineering company building analytics, fleet management & IoT solutions

- Started in North America in 2000 now has:

  - More than 500 partners and a flourishing ecosystem

  - Over 1450 Employees and offices in Oakville, Kitchener, Las Vegas, Mexico City, London, Madrid, Paris, Rome, Munich, Aachen, Shenzhen & Adelaide

  - Largest penetration in Fortune 500 companies

- Financially Strong

Total revenue

Getting Vehicle Information From Geotab Data

CARB Report Requirements

What Information and Data is to be Reported Cont.

- Vehicle Information (percentage choices are in 10% increments)
  - Percentage of Vehicles that have a predictable usage pattern
  - Percentage of Vehicles that have a primary means of fueling at Home Base Percentage of Vehicles that typically returns to the facility daily
  - Does the Vehicle Group stay within approximately 50 miles of the indicated facility?
  - Percentage of Vehicles that tow a trailer more than 100 miles per day
  - Percentage of Vehicles that commonly operates at its weight limit
  - Percentage of Vehicles not registered in California
  - Percentage of Vehicles that regularly parked at the facility more than 8 hours per day
  - Percentage of Vehicles equipped with GPS or mileage tracking system
  - Percentage of Vehicles equipped with all-wheel drive
  - Percentage of Vehicles that are not being operated or are used for back-up vehicles
  - Average Annual Mileage for a typical vehicle in the vehicle group
  - Approximately How Long vehicles are typically kept after acquisition in years
  - Identify if Vehicles in the Vehicle Group are dispatched under a brokerage authority

Key Data Sources

- Trips Data (to determine the distance travelled daily, monthly, amount of time parking, etc.)

- Vehicle Information (VIN, weight class, vehicle features such as engine size, drivetrain etc.)

- Odometer

- Fuel Up Information and Fuel Type

- Engine Measurements from Trailer
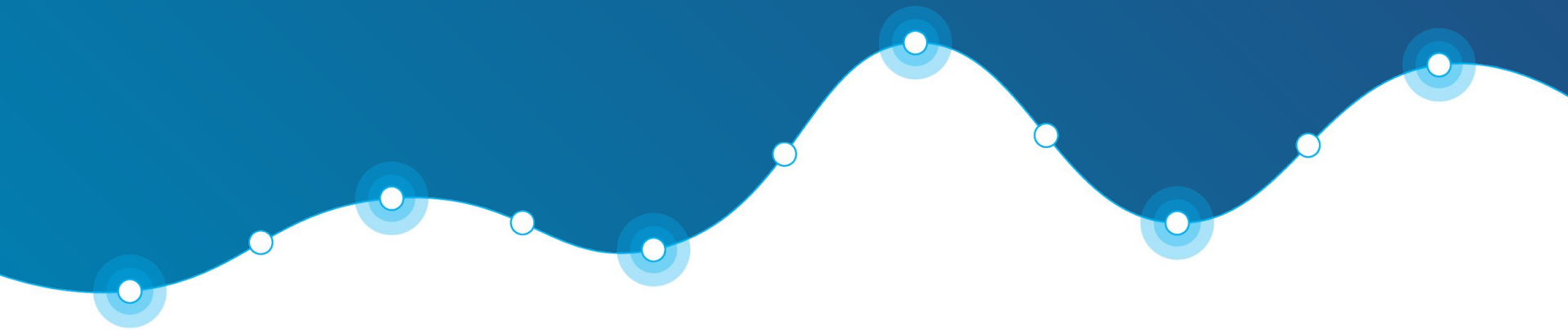
Expandability Pillar

Break down barriers. Expand your business. Trust in an open fleet management platform you can build on.

- World-class API with docs and code samples
- Hardware SDK
- Write Add-ins to extend MyGeotab
- Use individual MyGeotab pages in own systems
- MyGeotab uses the SDK for our UI

  SDK.geotab.com
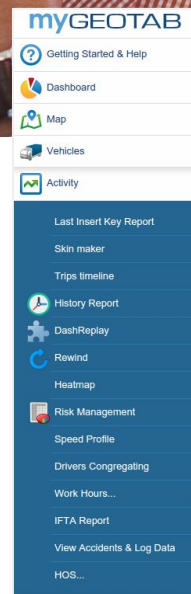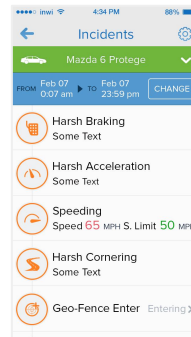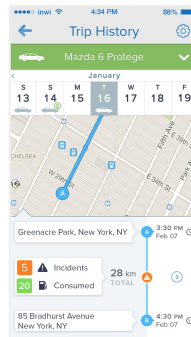
Incorporating Big Data

CARB Report Requirements

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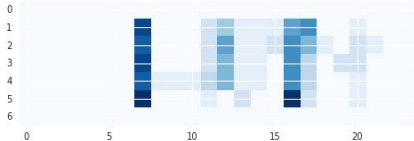
Predictable Usage Patterns
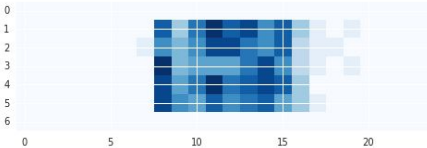
Benchmarking Vocations

- Analyzing driving behaviors to group vehicles into vocations
- New way of benchmarking fleets by purpose instead of industry
- Working on patent
- Can benchmark individual vehicles with others based on vocation
- Exposed as a report column in 1903
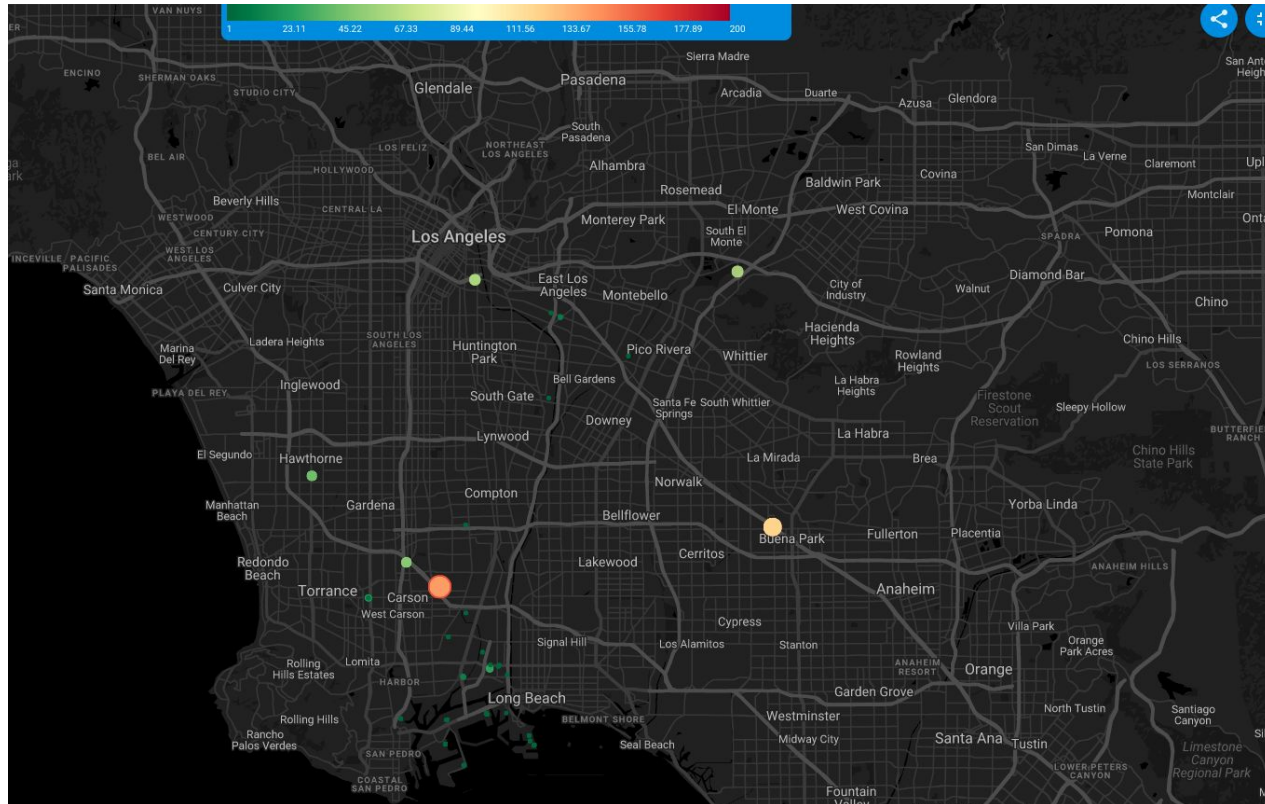 - Pulls data from BigQuery
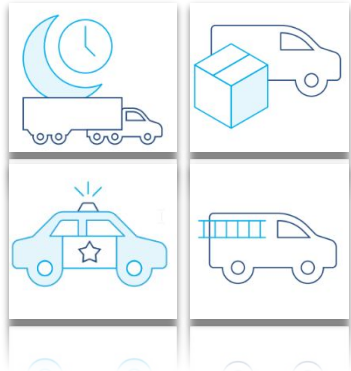
Office Worker

Delivery/Service

Area of Service for Vehicle

Sample Map of Stop Locations of a Vehicle in the Past 6 Months

Data Science Package

- A turn-key Data Lake for your Fleet in Google BigQuery
- Query across thousands of vehicles and years of data in seconds
- Easily connect your line of business applications and industry-leading BI tools
- Sample queries to get you started
- Updated via daily batch into your own BigQuery project

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