

## LBS for Vehicles is not new but... Low user awareness Complex user journey Wish to replace user routine rather than facilitate it Sheeva. Al confidential • Do not share without permission

The Ecosystem is ALREADY HERE!!! Welcome To Vehicle

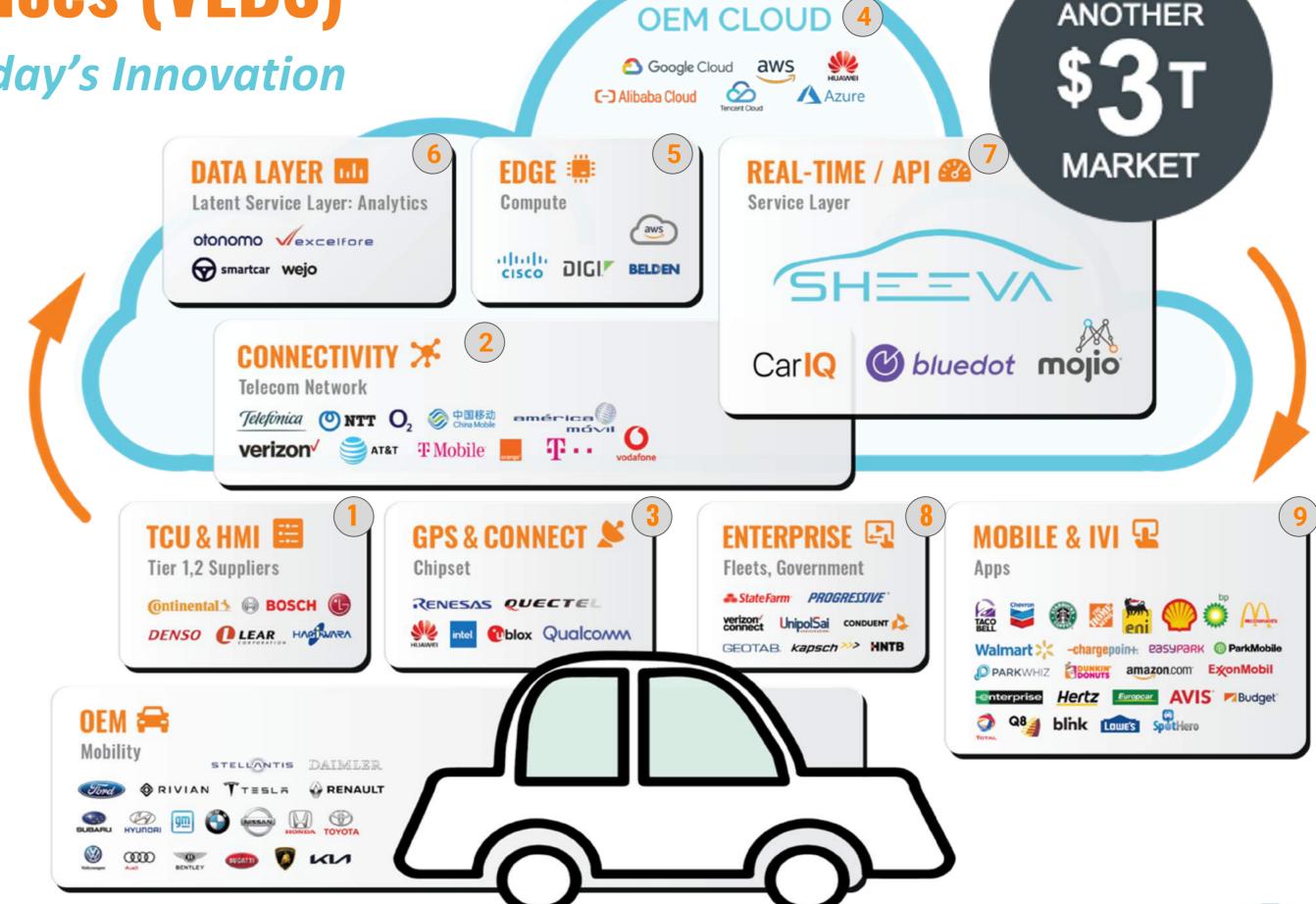
Location-Based Services (VLBS)

Past Learnings Accelerate Today's Innovation

#### **Key Players In OEM Mobility:**

- 1. TCU & HMI Tier 1,2 Suppliers
- 2. Connectivity
- 3. Chipset GPS & Connect
- 4. OEM Cloud
- **5.** Edge Compute
- 6. LTL (Data) Layer Analytics
- 7. Real-Time Service / API Layer (VLBS)
- 8. Enterprise
- 9. Mobile & IVI Apps

Sheeva fits anywhere in layers 1-4 to deliver vehicle context and payments to layers 7-9



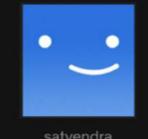


COMING SOON!

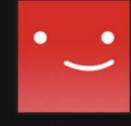
## Netflix-Like User Experience

- One sign-in per driver
- PCI-compliant payment authorization
- Easy account management

#### Who's Driving?











MANAGE PROFILES

## Background Mode Is Important

- Continuous delivery of automatic services
- High-accuracy location for multiple applications
- Location-enabled payments



PLUG-AND-PLAY API



NO ARCHITECTURE
CHANGES



BUILT-IN USE CASES
AND TEMPLATES



- Simple, scalable, low cost, and data efficient
- One API serves all apps
   and services
- Taps into existing users for new distribution opportunities
- Platform Agnostic: we enhance other RTS
   platforms
- Access to New Business

  Models while promoting

  real-time Customer

  Engagement.



# Sheeva.Al = New and Enhanced Connected Features

Sheeva.AI enables new features and can enhance existing features for current Telematics-Based systems:

- Precise geo-location (< 2-meter accuracy)</li>
- Secure, vehicle-based payment automation
- Last-mile navigation
- Open APIs for easy integration



#### **Automatic Contactless Payments**

Enable vehicle-based, contactless payments for Fuel, Electric Vehicle charging, road tolls, curbside pick-up and more!



#### **Enhanced Geo-Location, Last-Mile Services**

With precise, real-time geo-location (down to the gas pump, charging station, parking spot, traffic lane, etc.), Sheeva.Al enables last-mile services of all kinds.



#### Your Car, Your Wallet

Expand payment services by setting up the vehicle as your digital wallet for on-demand payments and services.





#### **Parking Finder**

Looking for parking? Sheeva.ai can reserve and guide you there. And, when you leave, your car automatically pays for you – fully contactless!



#### **Fuel Finder**

Get alerted when fuel is low and follow the navigation to a fuel pump waiting for you. Fill up and go – payment is automatically completed on your behalf!



#### **Charge Station Finder**

When charge is low, locate and navigate to a charging station reserved for you. After charging, just go – your car automatically authorizes payment as you hit the road.



#### **Automatic Toll Payments**

No need to worry about current tolling systems. With Sheeva.ai, your car is the toll tag and payment is processed automatically.





#### **Drive-Thru Assistant**

Find, order, and pay for drive-thru services all through Sheeva.ai – you get guided to the right lane and payment is processed by your car for you.

#### **Curbside Retail Assistant**

Let Sheeva.ai assist in curbside pick-up. When activated, you will be guided to a reserved parking space and your vehicle automatically notifies the store you are ready for pick-up!



# Sheeva.AI = New and Enhanced Connected Features



#### **Road Usage Charging**

Through vehicle tracking, Sheeva. Al allows customized, specific, per-mile charging.



#### **Continuous Presence**

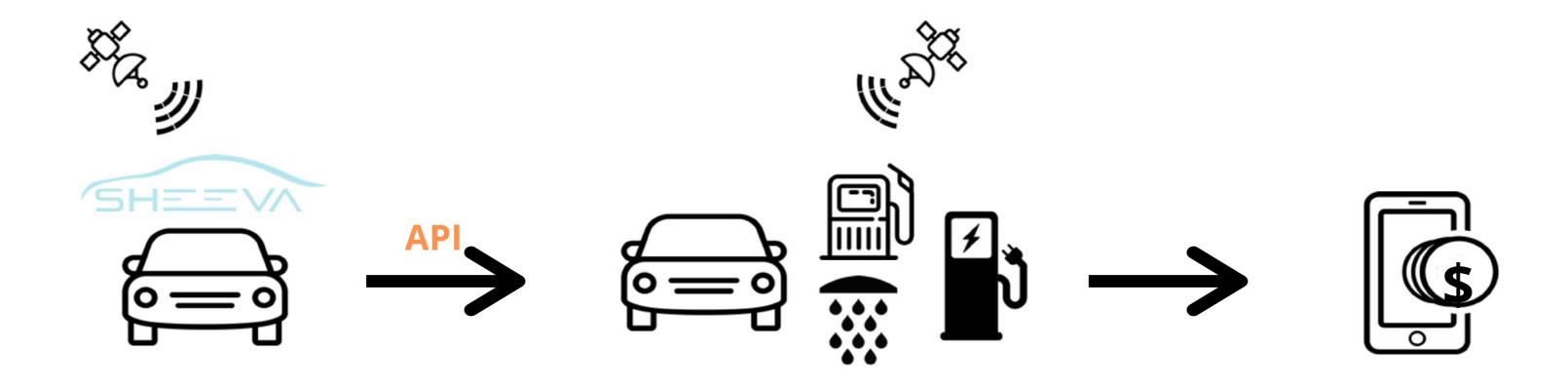
Sheeva.AI is seamlessly connected to users in real time- providing ubiquitous notifications and a continuous presence that builds customer loyalty.



#### **Know Your Customer**

With tailored insights driving relevant offers and alerts, you can reach customers by mapping personalized promotions and just-in-time ads to contextual triggers.

## Fuel & EV Charging Demo

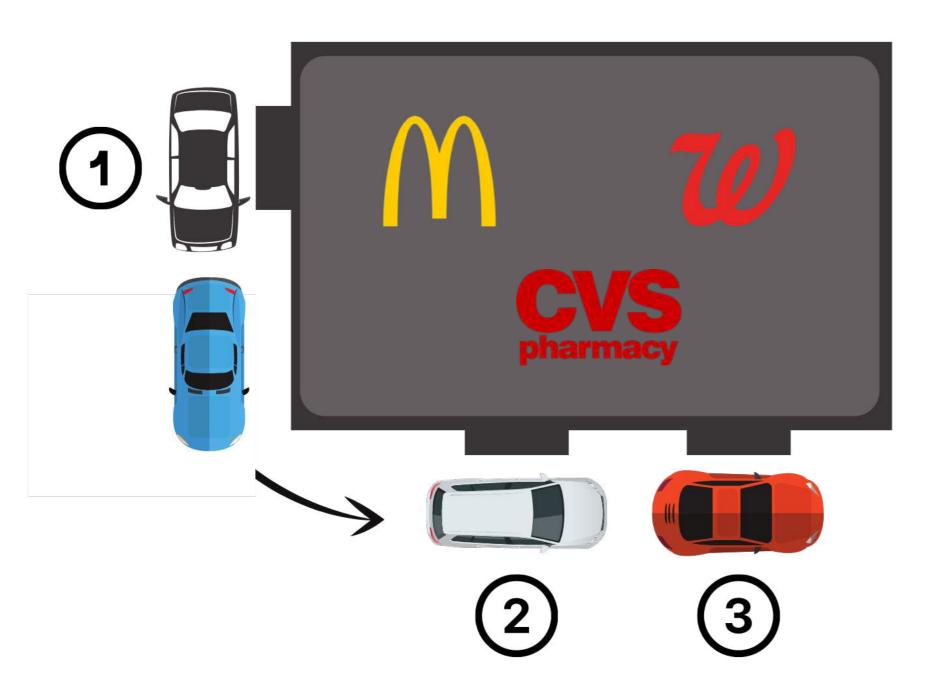


Status: Active

Markets: US, Europe, India

**Demo:** https://www.youtube.com/watch?v=CBwaWJFyRnY

## Drive-Through: Simplified



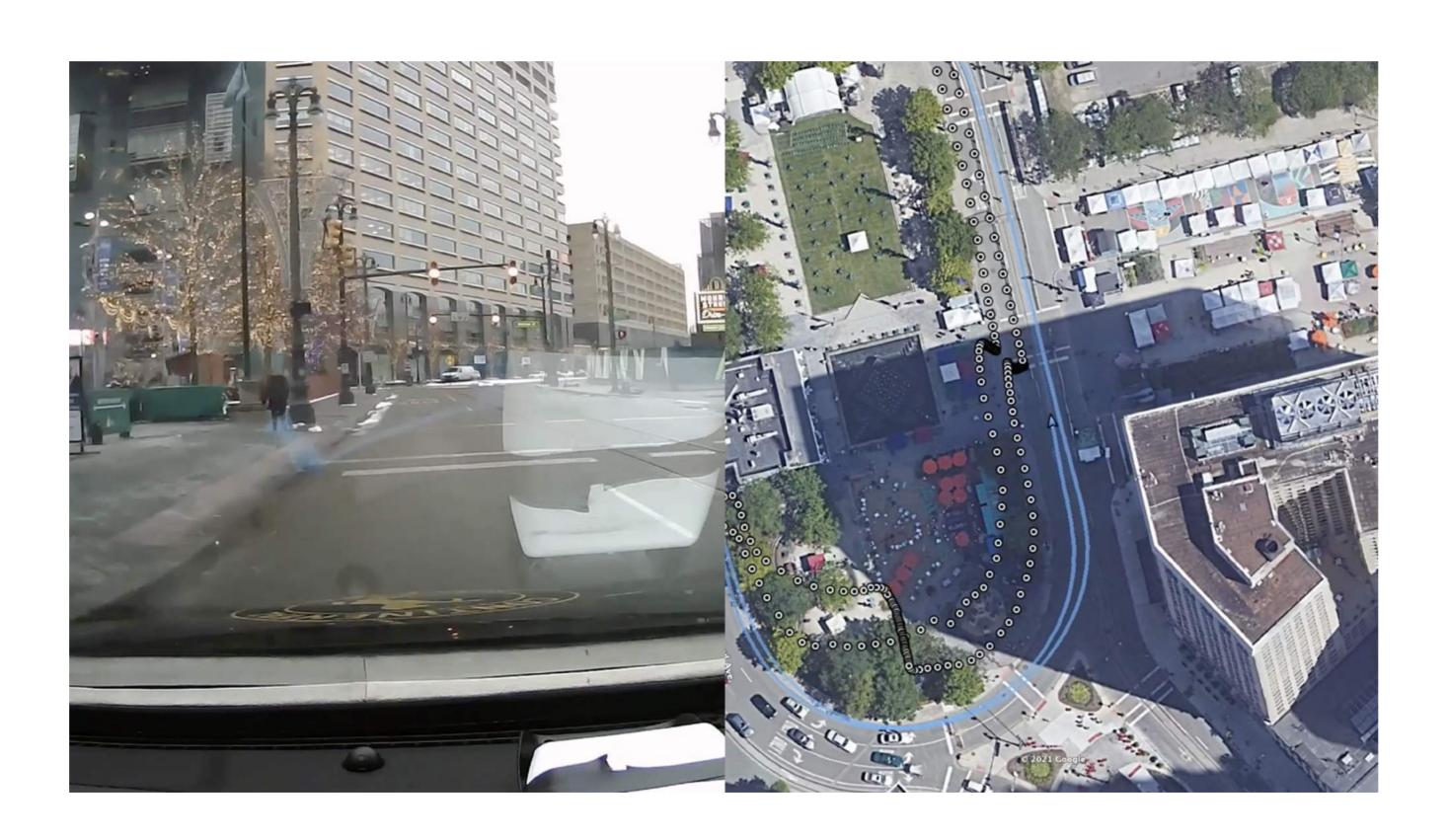
- 1. Place order
- 2. Automatic Payment with Sheeva.AI (no stop required)
- 3. Order pickup

## Next-Generation Customer Engagement

- Just In Time Targeted Ads: offer locations and discounts based on recent purchases and visited stations.
- Instant Surveys: quickly reach specific customer segments via SMS or mobile app.
- Customer Adoption: drive customers directly to your retail outlet based on proximity and need.
- Informed Planning: know where customers are most likely to require locations for planning your next store location.
- Continuous Engagement: use analytics to understand customer needs and respond to them quickly, e.g. route and drive-through habits, morning routines, etc.

#### **GNSS Data** SHEEVA API **Admin Console OEM Data Flow** vehicle\_id fuel\_level payment event latitude longitude Sheeva. Al **Location Data** In-Vehicle Precise & Accurate SHEEVA API Geolocation Infotainment Geolocation (via OEM cloud) Algorithm **Event Trigger M**-) Low Fuel Alert & Last-Mile **Motion Data** Navigation to the Nearest 4. Payment Settlement Car Gas/Charging and Invoicing 2. Payment Subscription **PAYMENT ENERGY** Station Authorization Services **API COMPANY API** 1. P<sub>ayment</sub> authentication Refueling / 3. Pump activation Recharging station\_id Console pump\_id Console user\_id fuel\_amount authorization Admin fuel amount Vehicle at Gas Admin transaction\_id Pump / Charging confirmation\_id Spot 'Y' **Geofénced DB**

### In-Vehicle Integration: Sheeva.Al Location Demo



- White dots is raw GPS data
- Blue line is Sheeva.Al location
- Video is from test vehicle dash cam

Full demo:

https://vimeo.com/5130916 61/5ff8d4abb8



contact@sheeva.ai

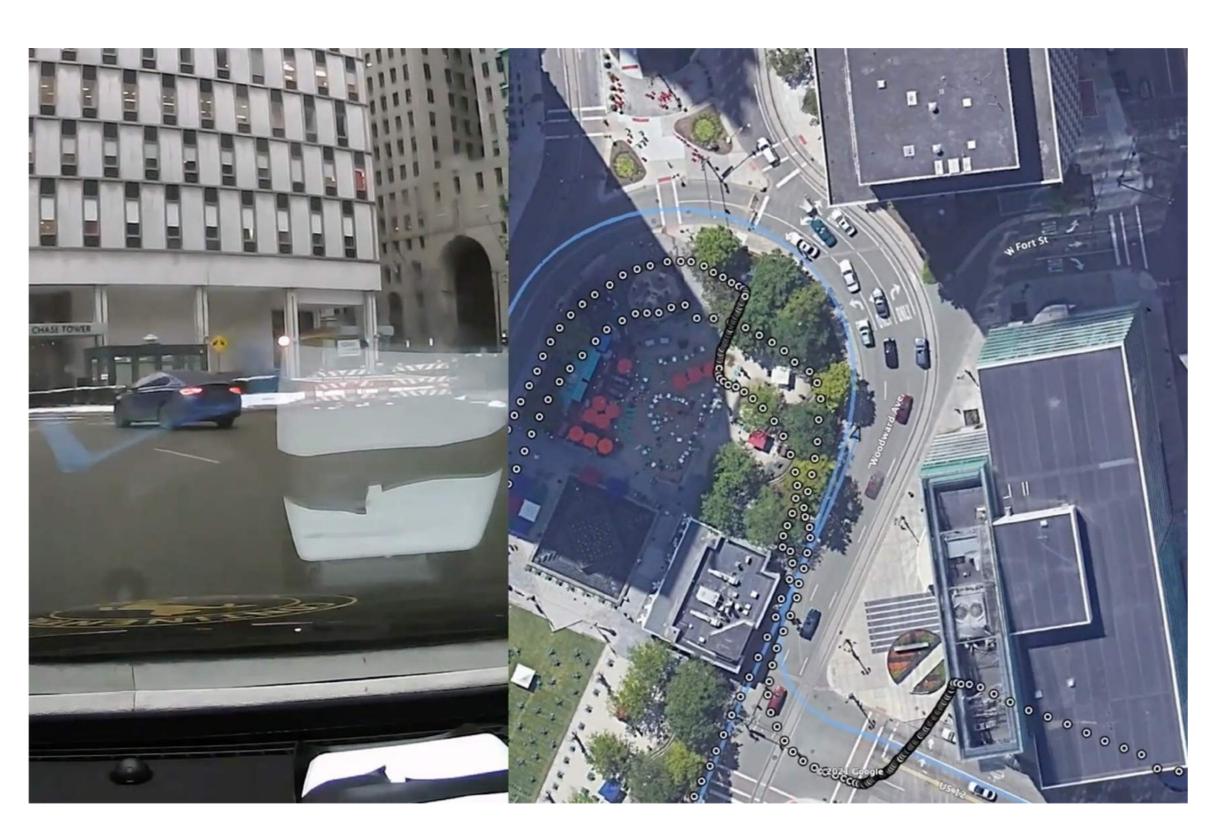
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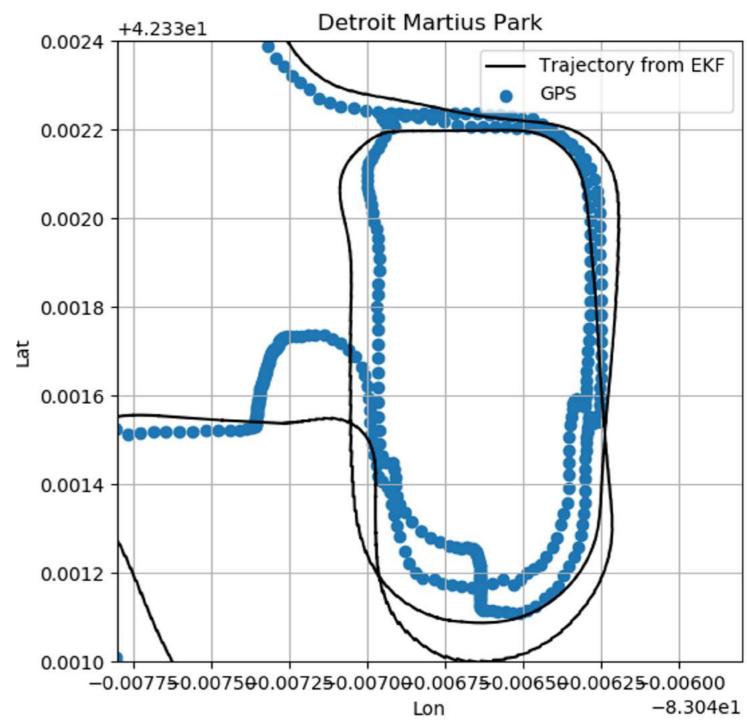
https://www.linkedin.com/company/sheevaai

https://www.sheeva.ai/



### IN-VEHICLE DEMO: DETROIT MARTIUS PARK





## IN-VEHICLE DEMO: PARKING STRUCTURE (DR)

