

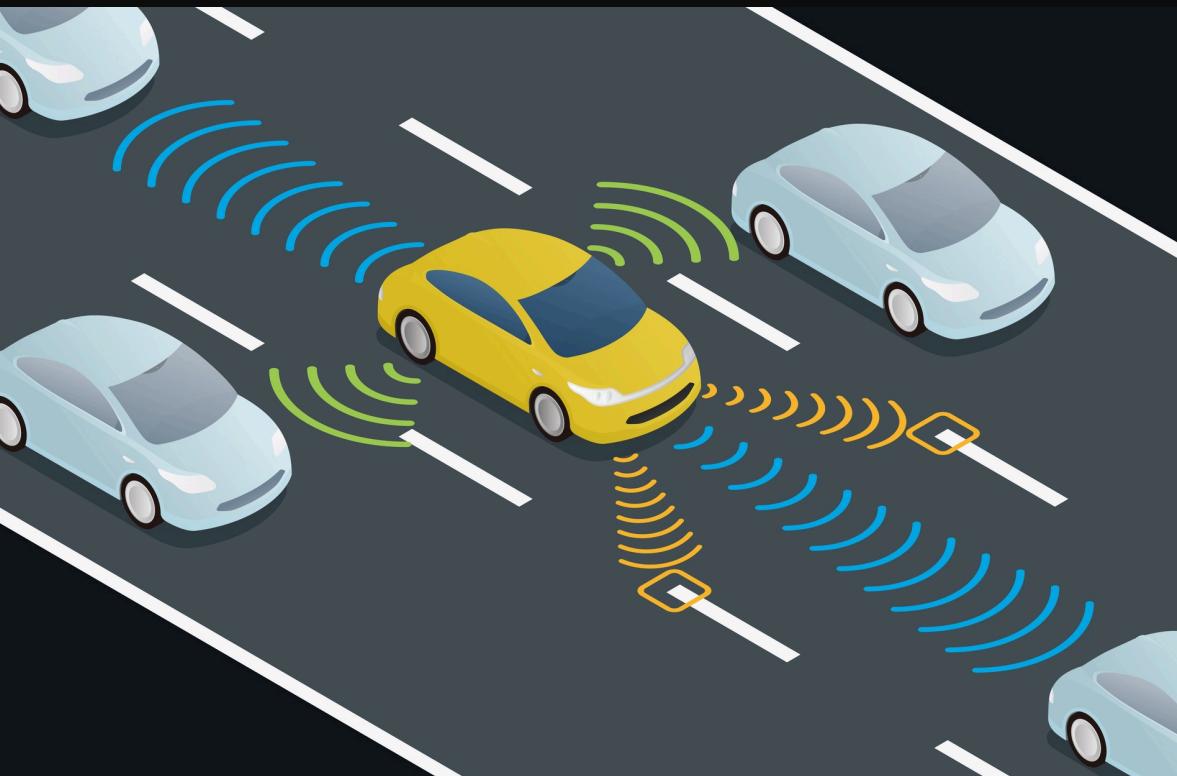


(Solana to Vehicle)

# S2V

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Building **trust** between vehicles  
with blockchain and AI.



# The Background

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V2V is a modern system enabling vehicles to wirelessly share essential data, such as speed.

**Critical component** for self-driving vehicle

# The Problem

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## Lack of Trust

Vehicles currently lack a reliable method to assess the trustworthiness of nearby vehicles.



## Scalability Issues

Number of vehicles on the road side increases, system needs to handle a large volume of data exchanges

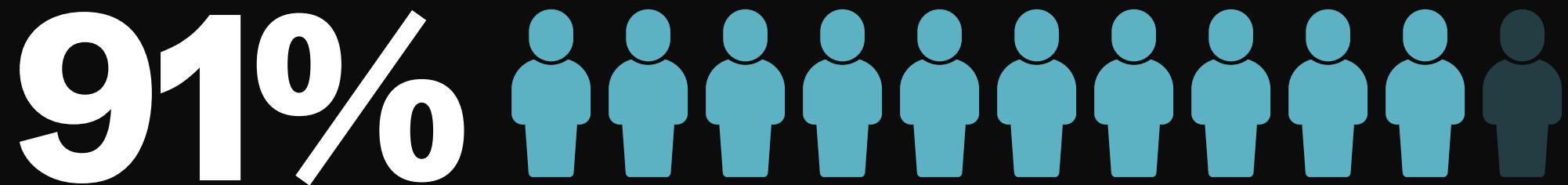


## Privacy Concerns

Regarding the collection, storage, and sharing of sensitive personal data and driving data.

# Impact of the Problem

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of U.S. drivers afraid or unsure of fully self-driving vehicle largely due to concerns about the reliability and safety of autonomous system\*

# Our Solution

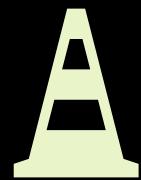
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Our **S2V solution** enhances vehicle safety by enabling **real-time trust management** using **Solana Blockchain & AI Federated Learning**.



## The Problem - Trust

No reliable way to verify the information shared by vehicles



## The Solution - Until Now!

DSRC (Dedicated Short-Range Communications)

C-V2X (Cellular V2X)

Certificate-Based Trust Models



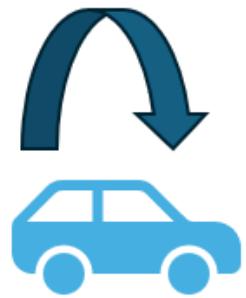
## Our Solution - S2V

Using **Solana blockchain** to ensure trust is **decentralized** and **secure**

**Real-time** trust score adjustments using **AI Federated Learning**

# How S2V Work

1. Local AI  
Federated Learning  
for Trust Score  
Calculation



2. Send Trust  
Score to S2V



6. Reward Token for  
High Trust Score



4. Add Trust  
Score Updates to  
Solana  
Blockchain

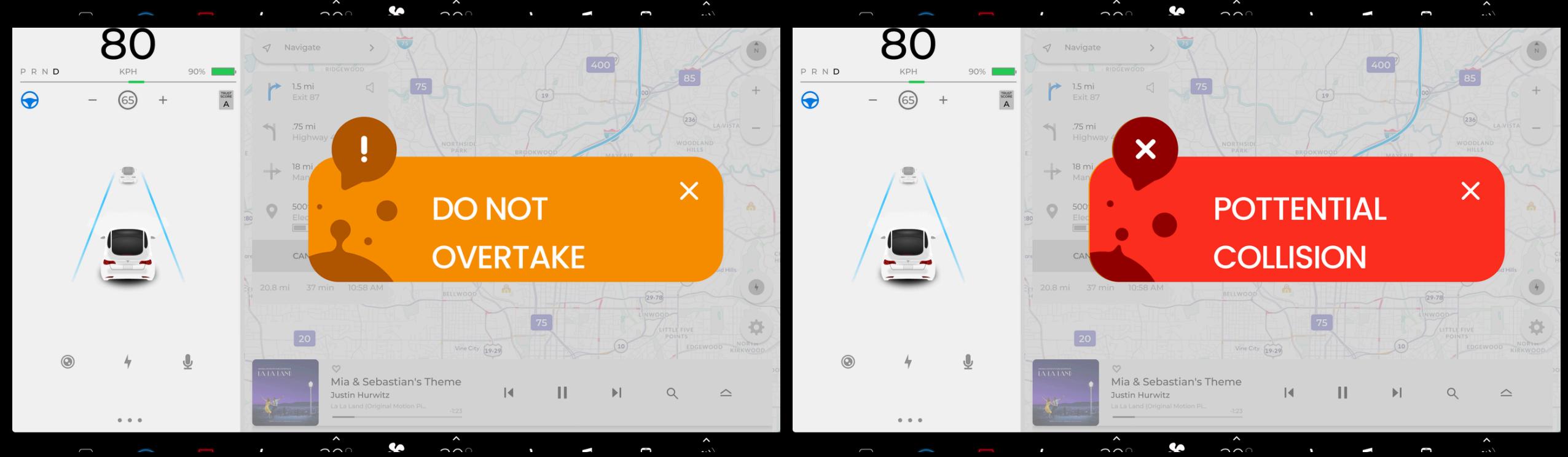
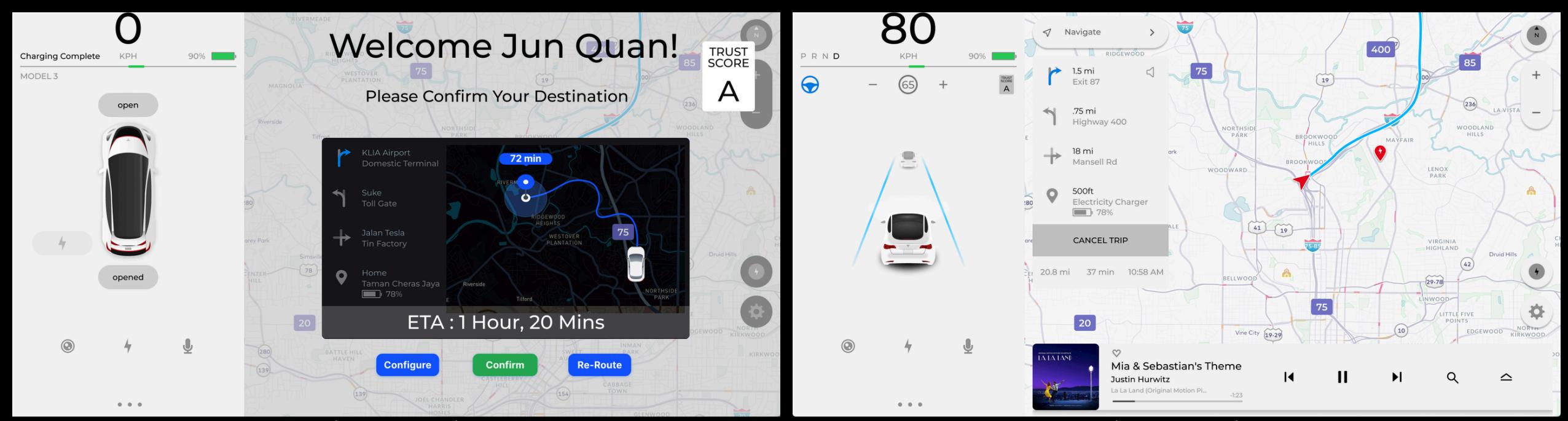


3. Solana Smart  
Contract Validate  
the Trust Score



5. Using the Trust  
Score in V2V  
Communication





# Why Solana

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## High Throughput

Up to 710,000 TPS

**Real-time data exchange**  
between vehicles is  
important

## Cheap

Median Fee of 0.00064 SOL

Solana offers **very low**  
**transaction fees**

## Fast

400ms Slot Times

**Low latency** is crucial for  
immediate responses

## Scalability

**Proof of History Mechanism**

Solana is a blockchain built  
for mass adoption

# Business Model

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## B2B

- **Automotive Manufacturers (OEMs)**
- **Insurance Companies**
- **Automotive Suppliers**



## B2G

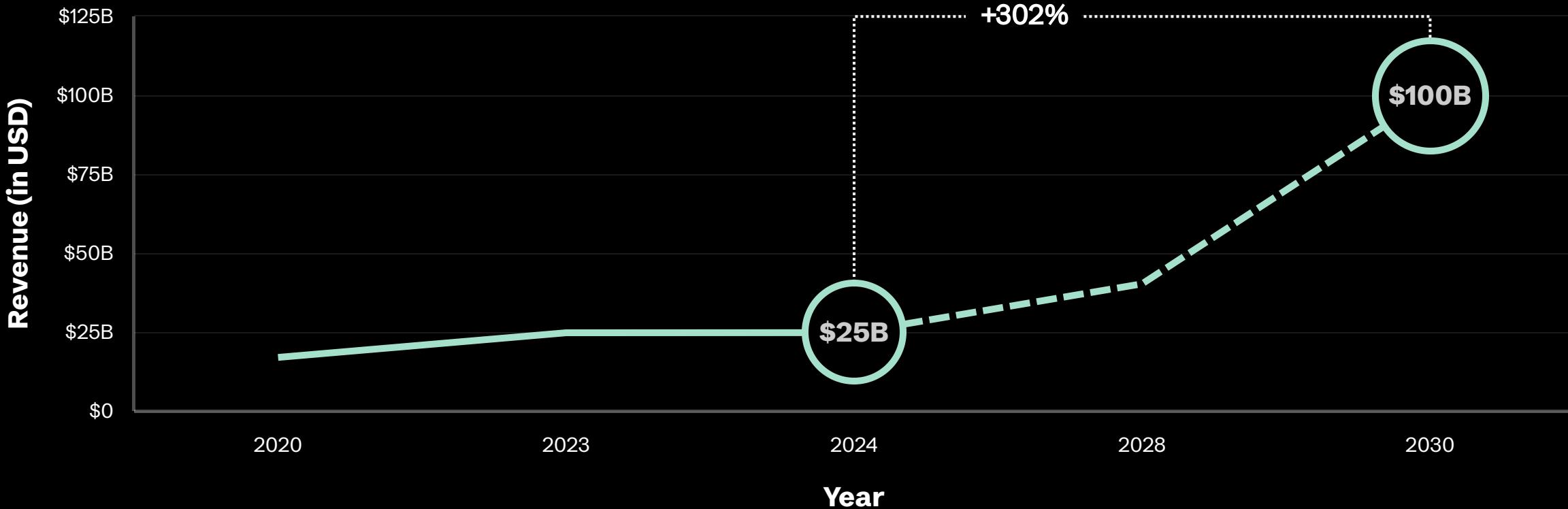
- **Regulatory Compliance**
- **Traffic Management**

# \$50M

**PROJECT REVENUE AT 1M  
VEHICLES ANNUALY**

Calculated based on the average of SCMS costs\*

# Global V2V Market



**Revenue is increasing with an estimated CAGR of 12.9%**

\*Source: Research And Markets, The Business Research Company

# Go-To-Market Strategy



# Campaign Assets

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## Stage 1 - Pre-launch

**Target Outreach**

**Partnership Engagement**

## Stage 2 - Official Launch

**Targeted Promote**

**Strategic Partnerships**

## Stage 3 - Post-launch

**Case Studies**

**Partnerships**

## The Competition

# What Sets Us Apart

We are the first in the market that use **Blockchain** and **AI Federated Learning**

|                               | S2V | Kymeta | Autotalks | Veniam | Savari |
|-------------------------------|-----|--------|-----------|--------|--------|
| Blockchain                    | 👍   | ✗      | ✗         | ✗      | ✗      |
| AI Federated Learning         | 👍   | ✗      | ✗         | ✗      | ✗      |
| Real-time Collision Detection | 👍   | 👍      | 👍         | 👍      | 👍      |
| B2B & B2G Market Focus        | 👍   | ✗      | ✗         | 👍      | 👍      |

A photograph of a young man with short dark hair, smiling at the camera. He is wearing a blue and black zip-up jacket with a small logo on the chest. He is standing on a wooden boardwalk with a metal railing, with a set of stone steps leading up a hillside covered in green vegetation in the background.

**Hey, there!**

# The Team

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## EDUCATION

- **Studying Computer Science in Universiti Malaya, 2023 - Current**
- **Part time studying at 42 Kuala Lumpur, 2023 - Current**
- **Graduated Matriculation with CGPA 4.0, 2022 - 2023**

# S2V

SOLANA TO VEHICLE

# Thank you!