



CODE YOUR FUTURE

# Profio Application

CJ TEAM – HUTECH



# TEAM MEMBERS

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# PROBLEMS

## 1 Challenges in Logistics

- The management and tracking of goods transportation based on zip codes is a complicated undertaking.

## 2 Inefficiency and Delays

- Reasons for Delivery Delays.
- Unforeseen circumstances such as hub issues or roadblocks.

## 3 Lack of Real-time

- The problem is with shipment tracking, as there is limited visibility regarding the current location and status of shipments.



# SURVEY



## Top 8 Logistics Challenges Facing the Industry

These days you have more challenges than just trying to keep trucks full, you have your hands full of business process needs that can often feel like too much to handle.

LM Logistics Management /

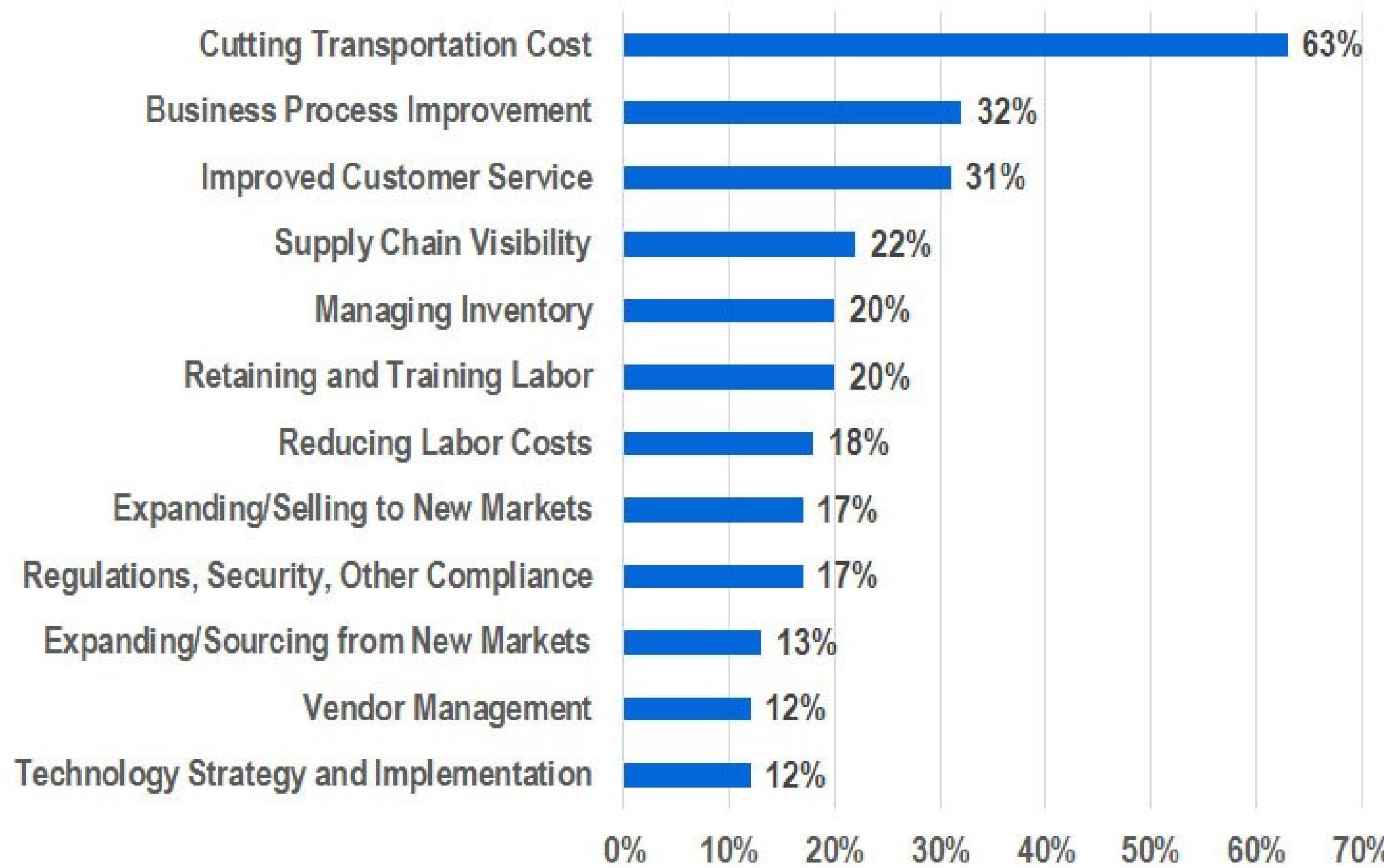
<https://thuysanvietnam.com.vn/khung-hoang-mang-luoi-logistics/>



## Khủng hoảng mạng lưới logistics – Tạp chí Thủy sản Việt Nam

(TSVN) - Mạng lưới các cảng, tàu container và công ty vận chuyển hàng hóa trên toàn thế giới...  
[thuysanvietnam.com.vn](http://thuysanvietnam.com.vn)

# Top Challenges Facing Shippers Today



Source: Capgemini Consulting, 2016 State of Third-Party Logistics Study



Statistics





# SOLUTIONS

## 1 Customer Updates

- Ensure delivery status notifications are prompt and accurate.

## 2 Incident Management

- To improve hub and vehicle management, monitor active hubs and keep a record of incidents to troubleshoot efficiently.

## 3 Real-time

- Track vehicle locations in Vietnam using Google maps and determine the most optimized route.



# INTRODUCTION

**PROFIO** is a real-time tracking system that integrates with Google Maps to provide precise and up-to-date tracking of vehicles, including motorbikes, vans, and trucks.



# SCENARIO

**RealTime Vehicle Tracking  
based on Zip Codes**



**Efficient Route Planning  
and Mode Transition**



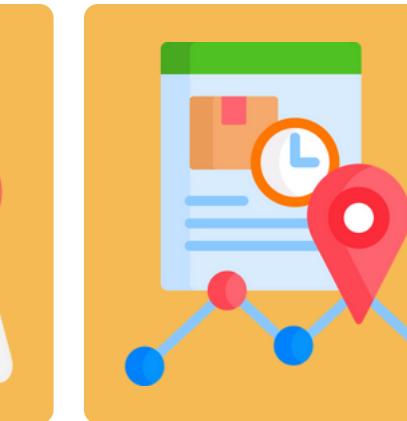
**Real-time Estimated  
Delivery Times**



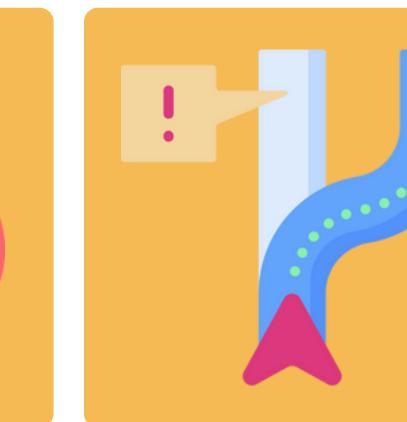
**Assigned Personnel  
Information**



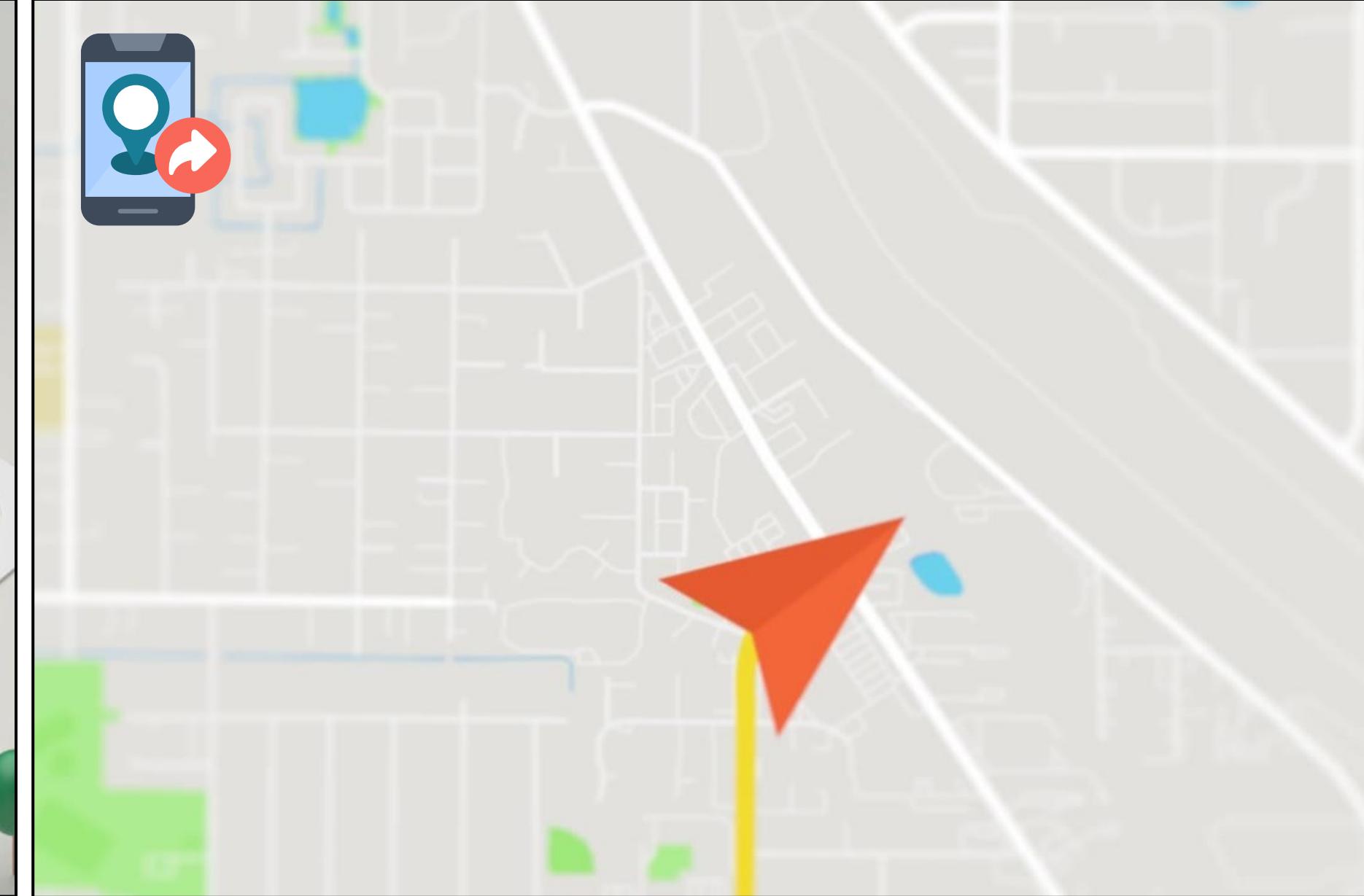
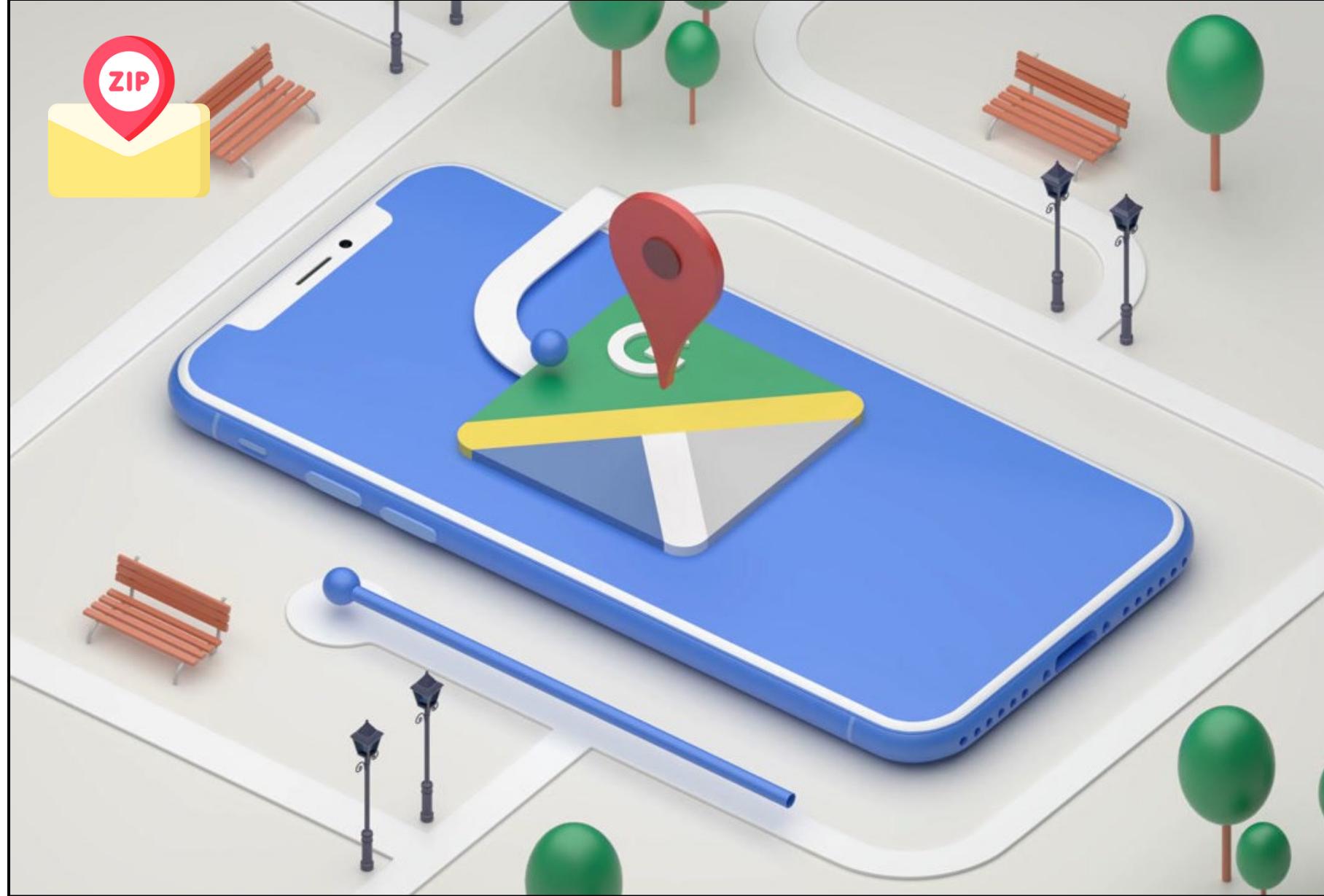
**Delivery Progress  
Monitoring**



**Incident  
Management**



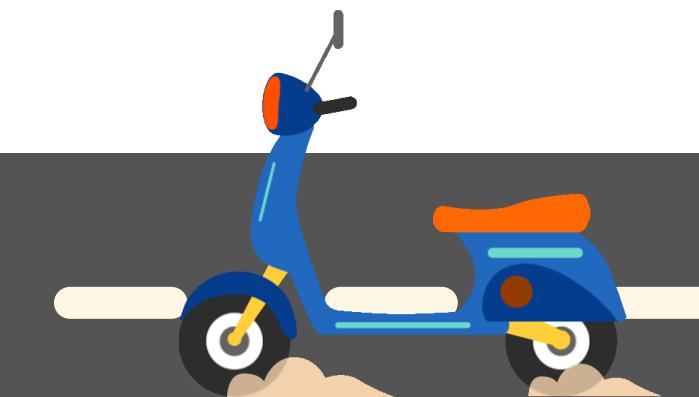
# Real-time Vehicle Tracking based on Zip Codes



# Efficient Route Planning and Mode Transition



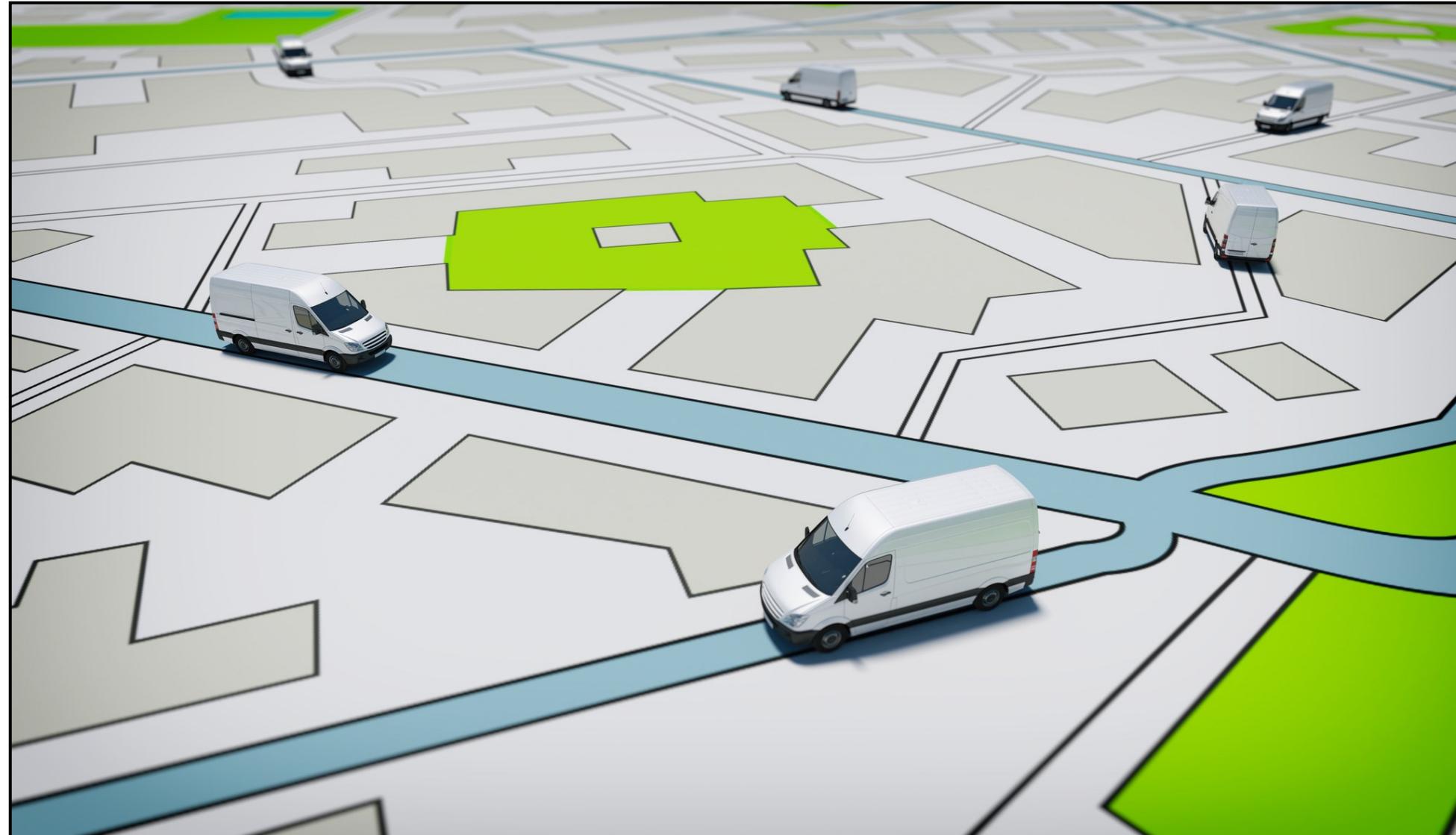
# Real-time Estimated Delivery Times



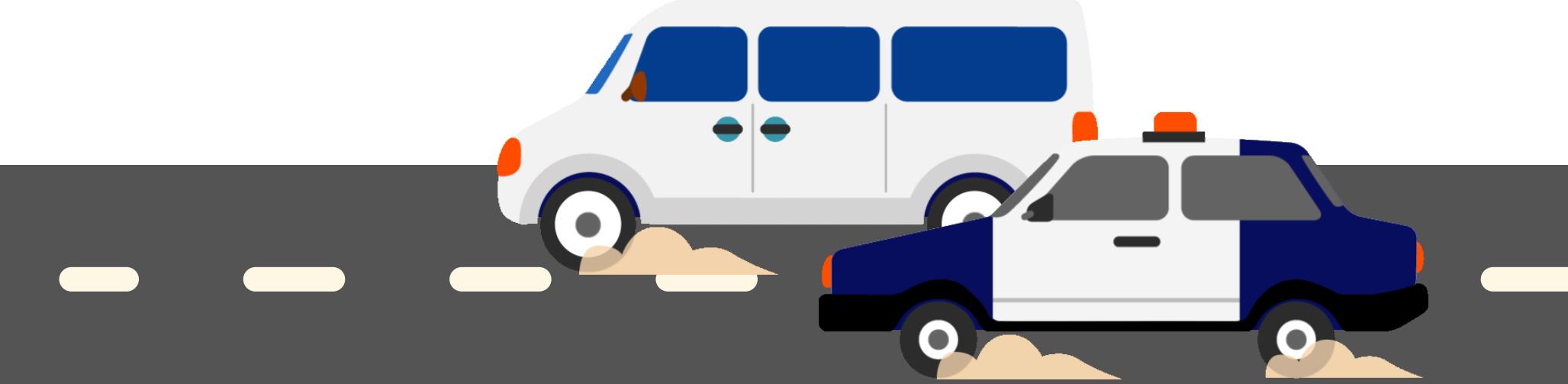
# Assigned Personnel Information



# Delivery Progress Monitoring

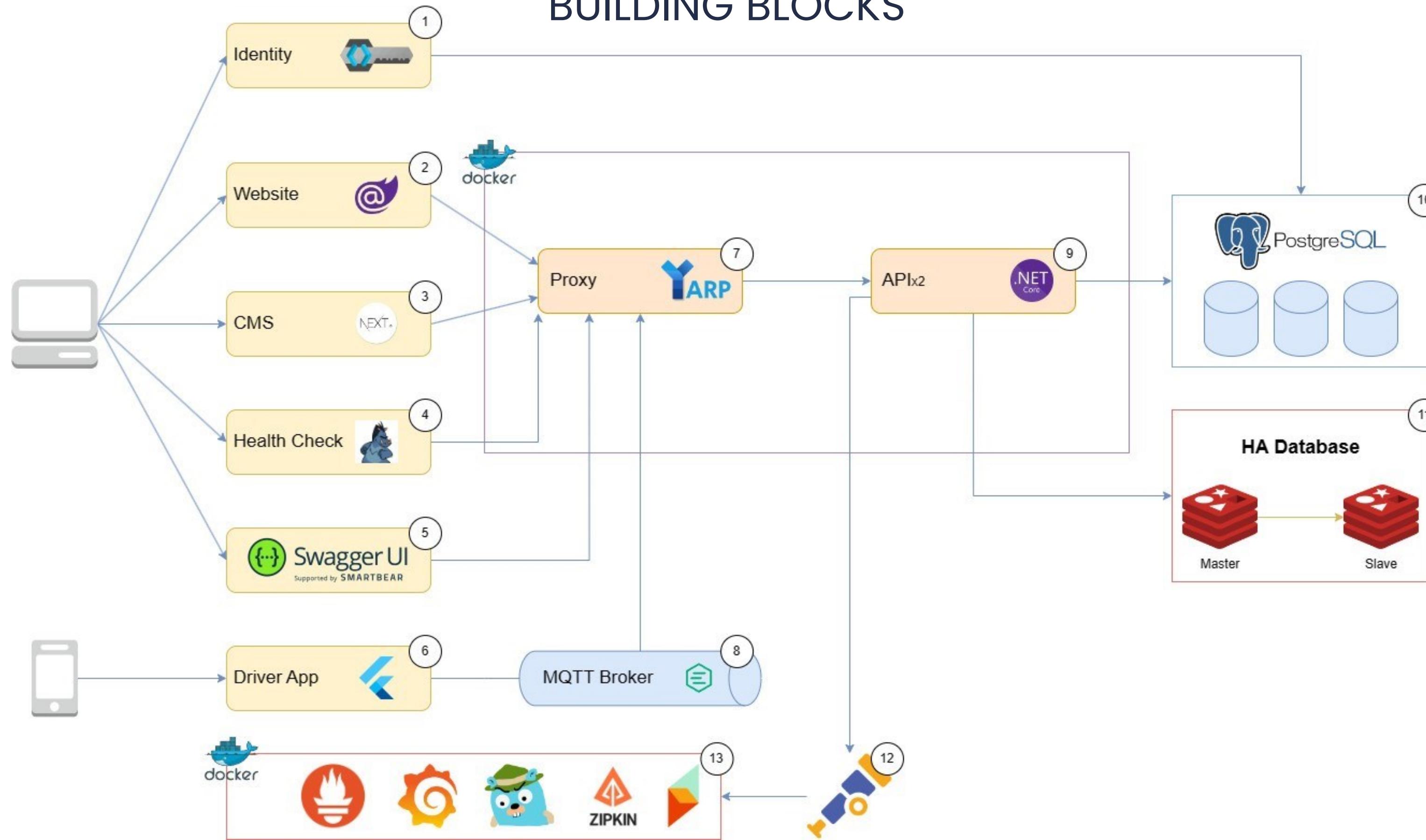


# Incident Management

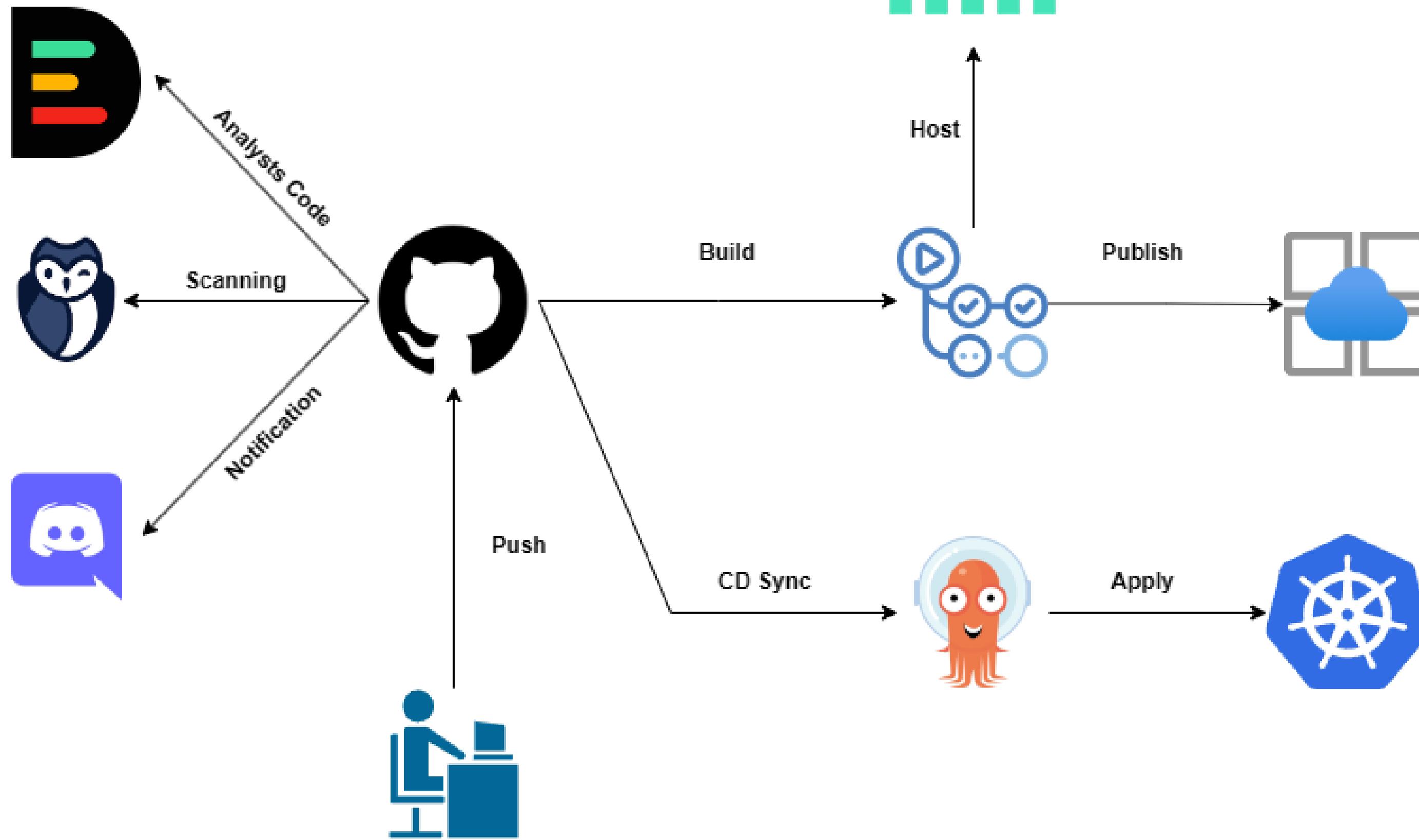


# SYSTEM ARCHITECTURE

## BUILDING BLOCKS



# CI/CD PIPELINE





# DEMO



# Thank you for listening!

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