

# Smart Traffic Light



# Overview

1

System  
Overview

2

Project  
Diagram

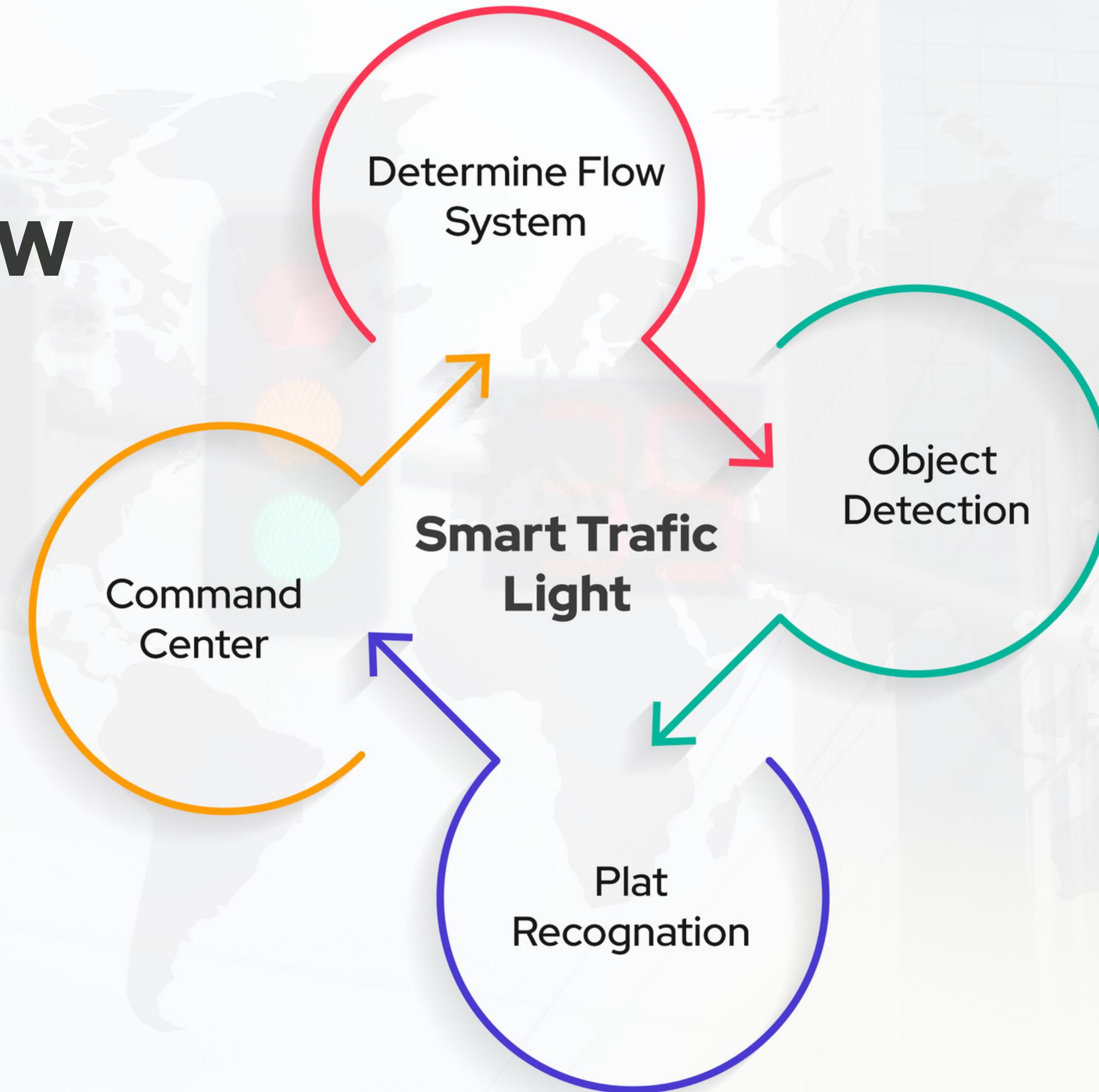
3

Main  
Features

4

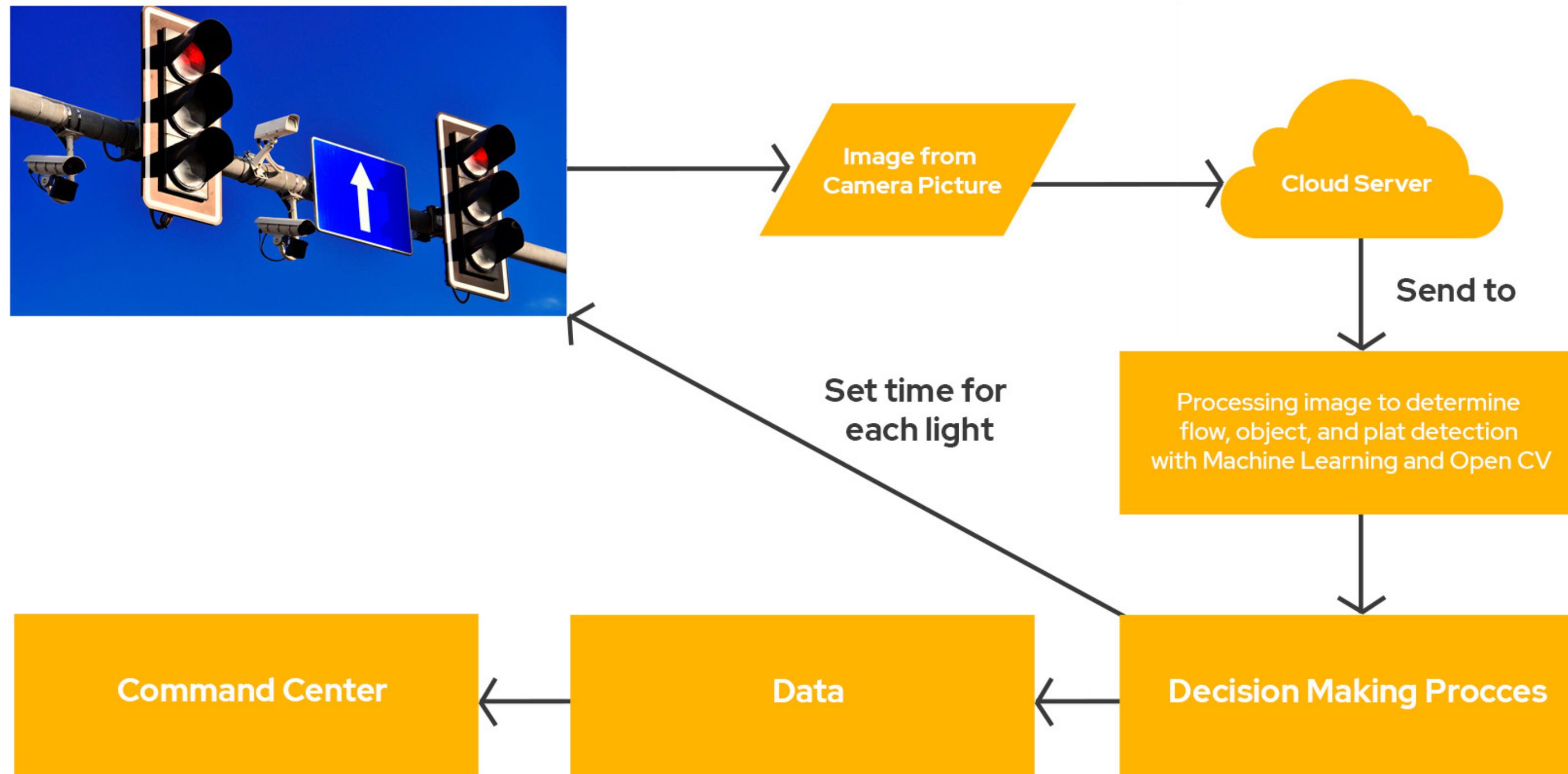
Command  
Center

# Sysyem Overview

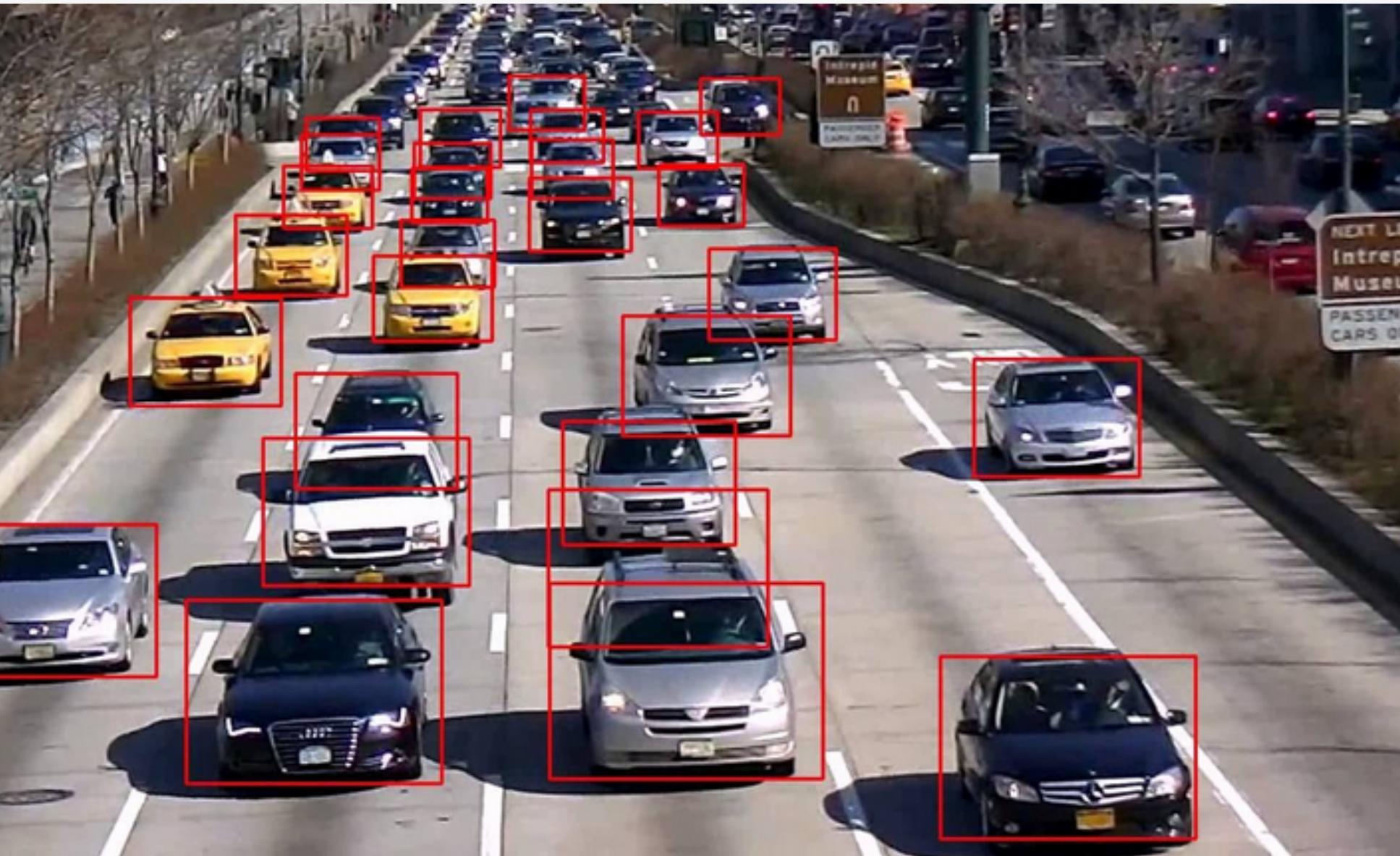


# How it Work?

# Project Diagram



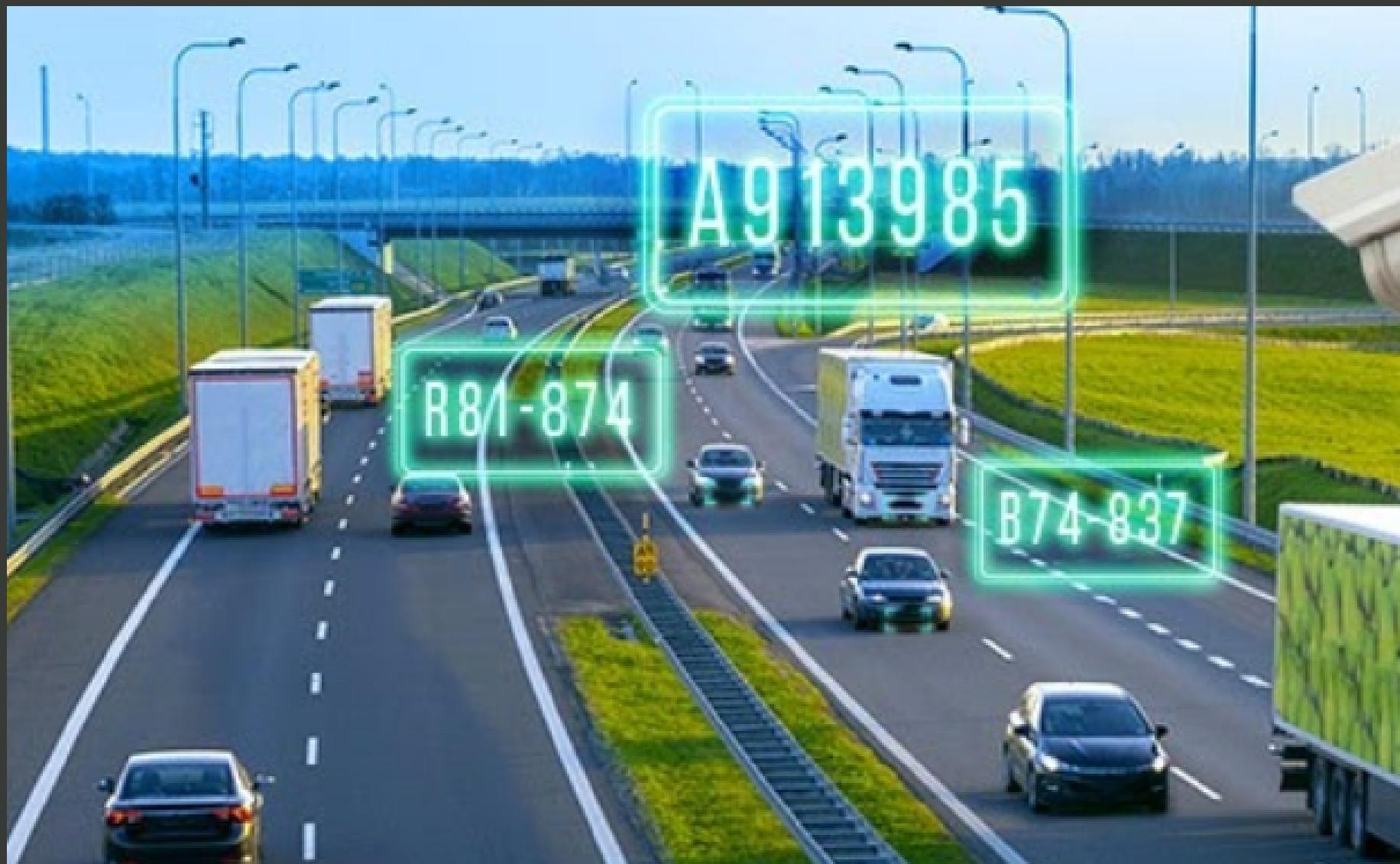
# Object Detection



Classify vehicle, such as: car, motorcycle, bus, truck, and specific vehicle like ambulance and presidential motorcade.

# Plat Recognition

allows operators to immediately gather and associate more data about every vehicle passing a control point: The action itself: time, place, direction and speed of the vehicle.



# Flow Adjustment



With a combination of object detection technology and analog integrate traffic light, it will set the time of traffic light automatically.

The object detection will detect the farthest vehicle from camera, then processing the distance to determine the length of time at the traffic light

# Command Center



- 1 Real time number of passing vehicles
- 2 Traffic Violations Reporting
- 3 See vehicle trip with license plate
- 4 Monthly or yearly reporting
- 5 Real time image report from street



# Thank You