

P A R K A E Y E



SMART PARKING MANAGEMENT SYSTEM

About Product

The Company of Innovative Solutions (CIS) has developed an efficient, low-cost, and state-of-the-art solution to address the shortcomings of the traditional parking management system. The idea is to streamline the parking system through digital means in order to decrease traffic congestion.

Features

- Real-time processing
- Revolutionary security features like real-time vehicle ownership verification
- Efficient guidance
- Provides useful insights about vehicle flow in parking area
- Vacant and Occupied parking slots Automatic detection
- Illegal and abnormal Parking Detection
- Automatic Toll/Fare collection
- Low-cost solution

Function

ParkAEye functions on real-time cameras to provide useful insights on account of Artificial Intelligence Algorithms enabling the end user to efficiently locate and reserve a vacant parking slot at the tip of their finger with automatic fare charging based on the time a car's parked.

Impacts

- 1 Automatic vacant slot assignment on request
- 2 Efficient parking management system ensure minimal traffic congestion
- 3 No need of manual logging of vehicles entry/exit
- 4 No Need of manual checking of vehicles



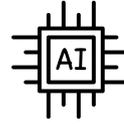
System Architecture



Surveillance Cameras



Data Stored in NVR

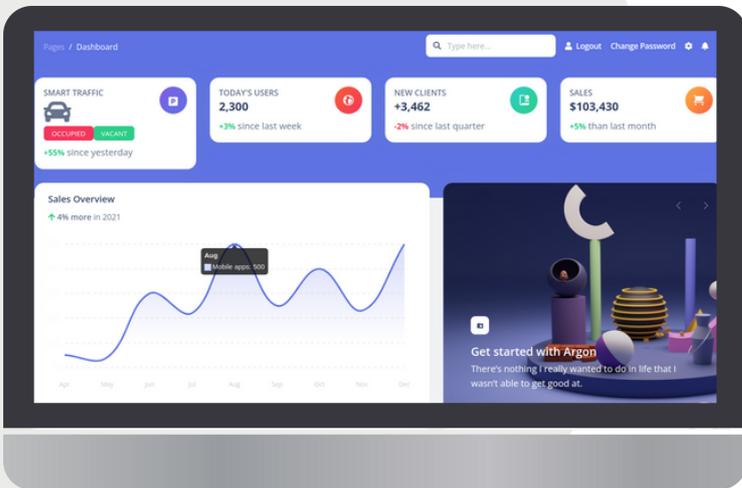


AI Processing Unit

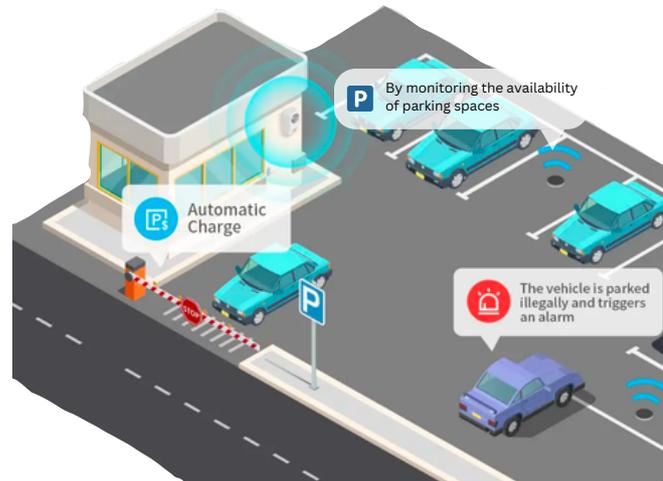


Vehicle/User Check & Automatic Fare deduction

Web Dashboard



Notifications send to end-user



Smart Management

