

## AI BASED VIDEO ANALYTICS FOR TRAFFIC MANAGEMENT



DETECT ILLEGAL PARKING, SPEEDING,  
WRONG WAY ON CITY ROADS, HIGHWAYS

VEHICLE PARKING TIME,  
INGRESS BUT NO EGRESS

WHITE LIST / BLACK LIST,  
PLACE OF REGISTRATION

RED LIGHT VIOLATION DETECTION  
AT JUNCTIONS

TRIGGER OPERATION, ACCESS  
CONTROL, TOLLING



1 DETECTION & CAPTURE



AGV374E6

2 SEGMENTATION & RECOGNITION

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3 STORAGE & MATCHING



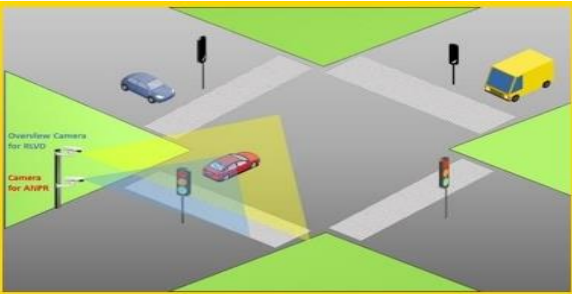
LICENSE PLATE RECOGNITION

- License Plate Detection (LPD/ANPD)
- License Plate Recognition (LPR/ANPR)
- Software-Only Solution
- Open Platform: Integrates with VMS
- Hardware-Independent: Use any Camera
- Enhance your Security & Operations

## AllGoVision : ADVANTAGES

- Best Performance in the Industry.
- Real-time Detection & Recognition.
- Technology: Deep – Learning.
- Integration with RTO : E – Challans.
- Multi-Country License Plate Recognition.
- Experienced with Large Installations.
- LPR and Speed Detection with same Camera. Integrates with Facial Recognition (FR) for driver detection.

## SMART CITIES



### Sample Report



AllGoVision License Plate Recognition	
License Plate Image:	
License Plate Number:	MH04CM8703
TimeStamp:	12-10-2018 18:30:54
Camera Name:	ANPR
Vehicle Type:	NA
Category:	UNKNOWN_LIST
Entry/Exit:	Entry
Driver Photo:	

### No Helmet Detection

Detects helmet violations by riders

### Red Light Violation Detection

Detects the Violation of Red Light by a Vehicle and gives an alarm.

### Speeding Detection

Detects speeding of any vehicle above specified speed limit.

## SAMPLE SERVER REQUIREMENT

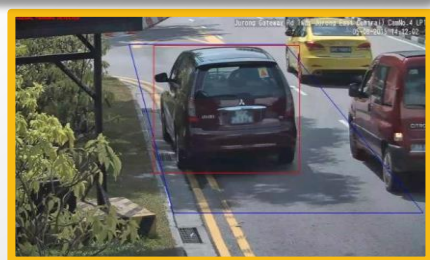
- OS: Windows Server, Windows 7/8/10
- Server: Core i7 (6 core), 12GB RAM, 1TB HDD  
– (supports License Plate Recognition on 4 cameras)
- Client Workstation: Core i7, 12GB RAM, 1TB HDD  
(for AllGoVision Alarm Center Application)

\* For Server Spec. with greater number of channels contact AllGoVision

## SMART HIGHWAYS

### Illegal Parking

Detects parking or stopping by any vehicle in a virtual area beyond a specified period.



### Wrong Way Detection

Detects vehicle movement in a direction opposite to user specified direction.



## ALLGOVISION TECHNOLOGIES

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korea	