A range of AI & deep learning based Traffic Management Solutions
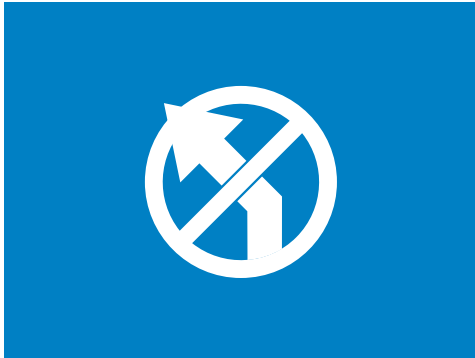
vehant TECHNOLOGIES
"Creating a smarter & secure tomorrow"

MAKE IN INDIA

TRIPLE RIDING DETECTION

NO HELMET DETECTION

WRONG WAY DRIVING DETECTION

PARKING VIOLATION DETECTION SYSTEM
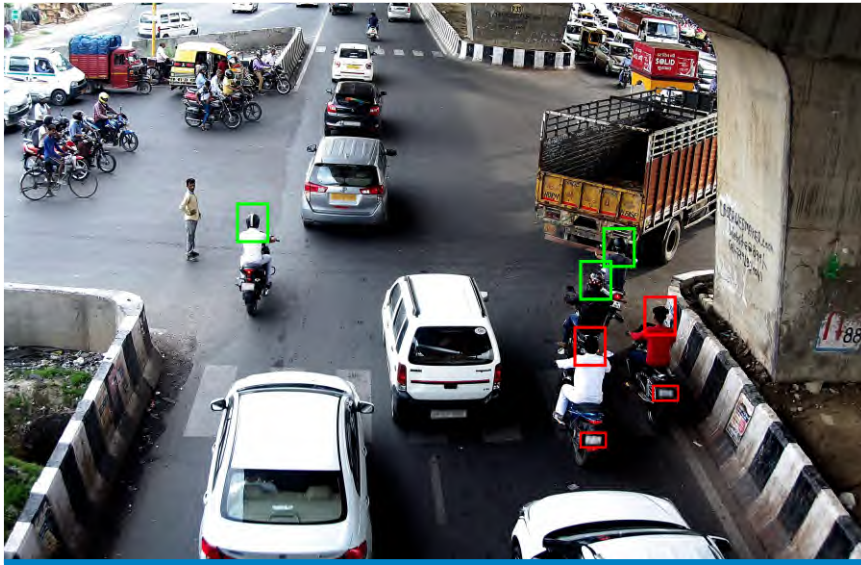
FREE LEFT OBSTRUCTION VIOLATION DETECTION

TRAFFIC ENFORCEMENT SOLUTIONS | **TRAFFIC MONITORING SOLUTIONS** | **CITY/BORDER SURVEILLANCE**

"All our system are compatible with Vehant's ANPR"

Integrated Traffic Management System

TrafficMon™ - No Helmet Detection System

TrafficMon - No Helmet Detection System is the state of the art video based automated No-Helmet Detection System for two-wheelers. The system has real-time vehicle license plates recognition which marks violation as **"No-Helmet Detection"** when rider and pillion on two-wheeler does not wear helmet and is detected by the ANPR cameras coming in its field of view.

Key Features:

- Video based system
- Does not use any inductive loop sensor/radar
- Can distinguish Cap, Construction Helmet, Safety Helmet and Turban from Helmet
- Can be used as either separate system or as an add-on module with existing hardware setup of ANPR/RLVD/SVD system etc.

TrafficMon™ - Triple Riding Detection System

TrafficMon - Triple Riding Detection System is the state of the art video based automated Triple Riding Detection System for two-wheelers. It uses ANPR cameras, for detection of the violation. The system has real-time vehicle license plates recognition which marks violation as **"Triple Riding Detection"** when more than two people is riding the two-wheeler which is detected by the ANPR cameras coming in its field of view.

Key Features:

- Video based system
- Marks Triple riding violation when more than two people is riding the two-wheeler
- Can be used as either separate system or as an add-on module with existing hardware setup of ANPR/RLVD/SVD system etc.
- System is made to work extensively in 24x7 environment
- Can be integrated with other security module

TrafficMon™ - Wrong Way Driving Detection System

TrafficMon - Wrong Way Driving Detection System is the state of the art video based automated Wrong Way Driving Detection System for vehicles. It uses ANPR cameras, for detection of the violation. The ANPR Camera detect and identify the vehicles plying on the wrong lane. The system looks on a lane with a pre-defined direction of motion of the vehicles and as soon as a vehicle is found to be moving in its opposite direction, the system marks violation as **"Wrong Way Driving Detection"**.

Key Features:

- Video based system
- Does not use any inductive loop sensor/radar
- Marks Wrong Way Driving Detection violation when vehicle is found to be moving in opposite direction to the pre-defined direction of motion
- Can be used as either separate system or as an add-on module with existing hardware setup of ANPR/RLVD/SVD system etc.

TrafficMon™ - Parking Violation Detection System

TrafficMon - Parking Violation Detection System is the state of the art video based automated Parking Violation Detection System for vehicles. It uses ANPR camera, for detection of the violation. The ANPR Camera detect and identify the vehicles which will be parked on the sides of the road not intended for vehicle parking and mark violation as **"Parking Violation Detection"**.

Key Features:

- Video based system
- Does not use any inductive loop sensor/radar
- Marks Parking Violation when vehicle is found to be parked on the sides of the road not intended for vehicle parking
- Can be used as either separate system or as an add-on module with existing hardware setup of ANPR/RLVD/SVD system etc.

TrafficMon™ - Free Left Obstruction Violation Detection System

TrafficMon - Free Left Obstruction Violation Detection System is the state of the art video based automated Free Left Obstruction Violation Detection System for vehicles. It uses ANPR camera, for detection of the violation. The ANPR Camera detect and identify the vehicles obstructing the left lane meant to be free and mark violation as **"Free Left Obstruction Violation Detection"**.

Key Features:

- Video based system
- Does not use any inductive loop sensor/radar
- Marks Free Left Obstruction Violation Detection when vehicle is found to be obstructing the free left lane
- Can be integrated with other security module.
- User friendly GUI

Manufacturing Unit

Corporate Office

Kolkata

Mumbai

Hyderabad

Bengaluru

Germany

Cameroon

Greece

Nigeria

India

Bangladesh

Thailand

Guinea

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