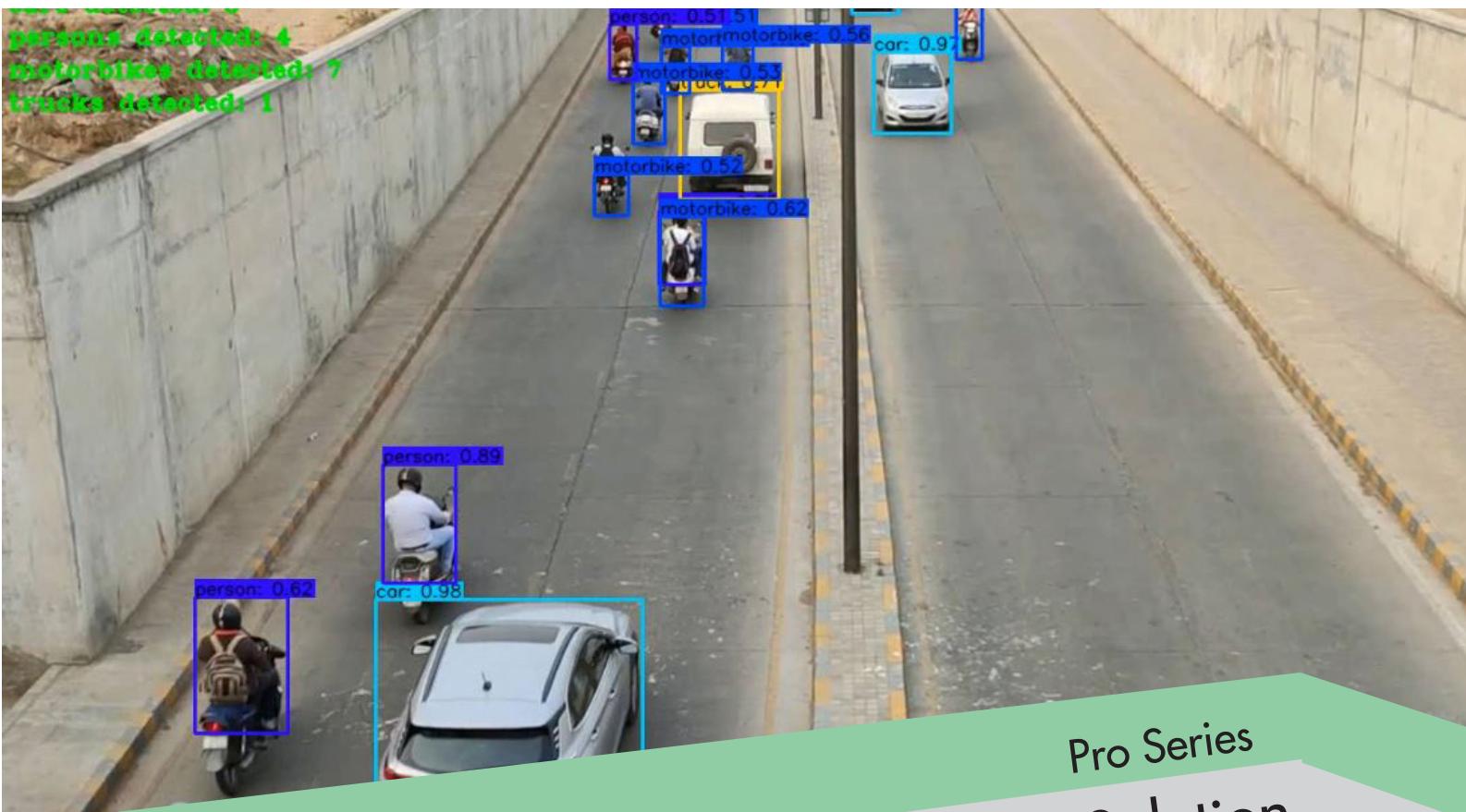




GLOBUS
INFOCOM LIMITED



Globus Intelligent Traffic Monitoring Solution

Pro Series

MODEL: GITMS

GITMS

Application Areas



City Surveillance, Railway Station

Highways, Traffic Light, Airports

Crowded Public Places

Technical Specifications

Solution Overview

GITMS software has in built comprehensive cluster of advanced Video Analytic Algorithms. Each Video Analytic Module is coupled with Incident-Event-Action framework. Video Analytics are equipped with False Alarm Suppression Technology (FAST) which minimizes false alarms and further strengthens the solution reliability

Vehicle Classification

Video Analytics Software allows classification of different vehicles like Car Motorcycle Truck etc. It allow attribute based search like body colour, body figure and various accessories.



Helmet Violation Detection

Automatic systems to catch traffic violators are highly desirable.

- High risk is associated with two-wheelers.
- Observing the usefulness of helmet, Governments have made it a punishable offense to ride a bike without helmet.
- System relay on humans whose efficiency may decrease over a long duration are not a feasible .
- Cost-effective: Smart cities using CCTV surveillance cameras at public places for round the clock security monitoring.



Automatic Number Plate Recognition

- Globus ANPR Application Software is based on Artificial Intelligence model and Deep Learning methodology/ for Detection and Recognition of License Plate/Number Plates.
- Detects & Identify Unique License Plate of Vehicles
- Recognizes Character on the License Plates through Optical Character Recognition.
- Stores the Complete Details License Plates along with an Image in the Database.



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Triple Riding Detection

- Detects a Two Wheeler Vehicle
- Detects & Counts for the No. of Head or No. of People Riding on a Two Wheeler Vehicle
- If more than 2 Heads or 2 People are detected on a Two Wheeler Vehicle then a Violation is Registered in the Database
- The Number Plate of the Violating/Infraacting Vehicles is also Captured through the ANPR Engine
- An Event is Generated along with the Camera Location, with a Image Snapshot of Vehicle & Number Plate along with Date & Time Stamp



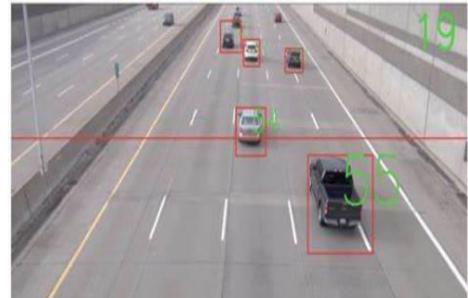
Illegal Parking Detection

- . Most of the road accidents occur due to Illegal Parking, Illegal Parking Detection analytic is capable of detecting a stopped vehicle in multiple scenarios. Once the system detects the stopped vehicle, it is capable of taking the zoomed snapshot of the vehicle including the vehicle's License Plate number image. Once the user selects any No-Parking area, system starts detecting vehicle coming close to it. If any vehicle lowers its speed or trying to stop in No- Parking zone, then the system will alert the user for illegal halting. User can also select any number of zones in the video, each zone can have its own configurable parameters. It also configures the Time duration for which vehicle is allowed to halt.



Speed Violation Detection

- . Speed Violation Detection is the state of the art video based speed violation detection system which determines the vehicular speed by calculating the time between the multiple frames of the vehicle and captures image of the number plate of the violating vehicle. Globus does not use conventional sensors like radars, inductive loop sensors, laser etc. for detecting the speed. The solution comes with the user-friendly Graphical User interface (GUI) for seamless operation.



*Due to continuous product development, the specifications may change without prior notice.

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