



**ITA**

Intelligent Traffic Analyser

Smart and Secure Living for All

# RecoTraffic ITA



## Intelligent Traffic Analyser (ITA)

ITA is an image-based traffic analysis solution that requires low band-width, designed to enhance road safety and enforce traffic regulations.

Using the latest machine learning technology, ITA provides an automated process for highway operators and the local council by reducing the number of manpower deployed to observe traffic condition and violation manually.

Its simple integration makes ITA an easy-to-use plugin for any existing CCTV setup. Designed for operation efficiency, its bandwidth consumption is minimal as it only requires an image to run.

With the ever-increasing number of vehicles on the roads, managing traffic flow, ensuring compliance with traffic rules as well as regulations has become a significant challenge for traffic authorities. The ITA offers a technologically advanced approach to tackle these issues effectively.

The ITA is designed to perform intricate analysis and detection algorithms, efficiently handling the heavy computational workload. This enables real-time detection and instant alerts for any identified anomaly in traffic and violations which enables prompt response and enforcement from the authorities.

In addition, ITA provides valuable analytics and reporting capabilities where the data can be utilized to monitor traffic patterns, identify areas prone to violations, and implement appropriate measures for effective traffic management and enforcement strategies.



# Key Features

1

## Real-time Traffic Monitoring

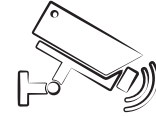
Our software provides real-time monitoring of traffic flow and conditions, allowing you to quickly identify bottlenecks and congestion areas.



2

## Real-time Violation Detection

ITA is able to detect illegal u-turns and illegal parking in real-time.



3

## Analytics & Reporting

Our advanced analytics tools help you analyse traffic data and identify trends and patterns, providing you with the information you need to make informed decisions about how to direct traffic more efficiently.



4

## Real-time Alerts

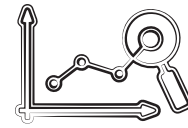
The system generates real-time alerts as soon as an anomaly in traffic or violation detected, providing instant notifications to relevant authorities.



5

## Predictive Modelling

Our software can predict future traffic patterns based on current and historical data, helping you proactively manage traffic flow and reduce congestion.



6

## User-friendly Interface

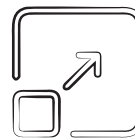
Our software has a user-friendly interface that makes it easy to access and analyse traffic data.



7

## Scalable Solution

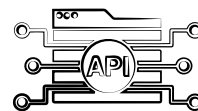
Our Intelligent Traffic Analyser System Software is scalable and can be customized to meet the specific needs of your city or community.



8

## Integration with Existing Systems

ITA can integrate with existing traffic management systems, law enforcement databases, and citation processing systems.



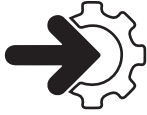
# ITA Benefits



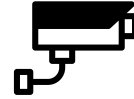
*Fast, Reliable and Stable*



*Data Driven Insights*



*Easy Integration*



*Support Onvif Compliant CCTV*



*Efficient Enforcement*



*Improved Traffic Safety*

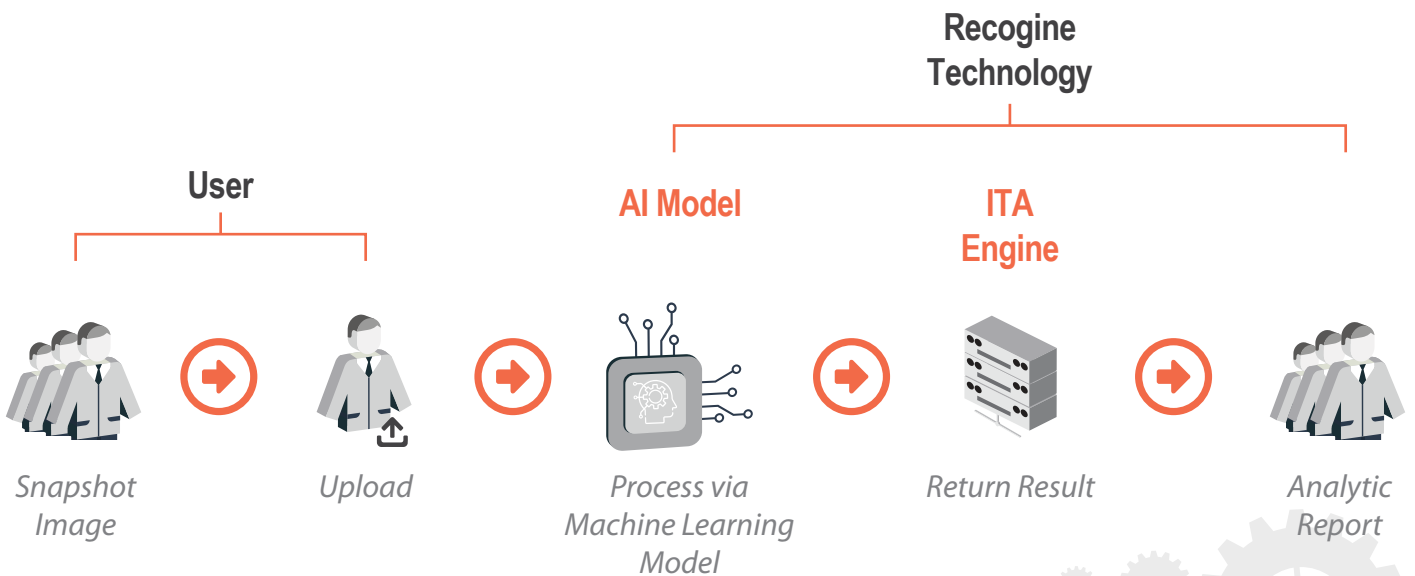


*User-friendly Configuration and Operation*



*Low Installation Cost*

# System Architecture





# ITA Traffic Report

File uploaded successfully



## HOW ITA TRAFFIC REPORT WORK

- 1 Snapshot image from CCTV
- 2 System performs traffic analysis
- 3 System identifies the congestion level from snapshot image
- 4 Congestion level notification



[www.recogine.com](http://www.recogine.com)

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