



Recozense THIA

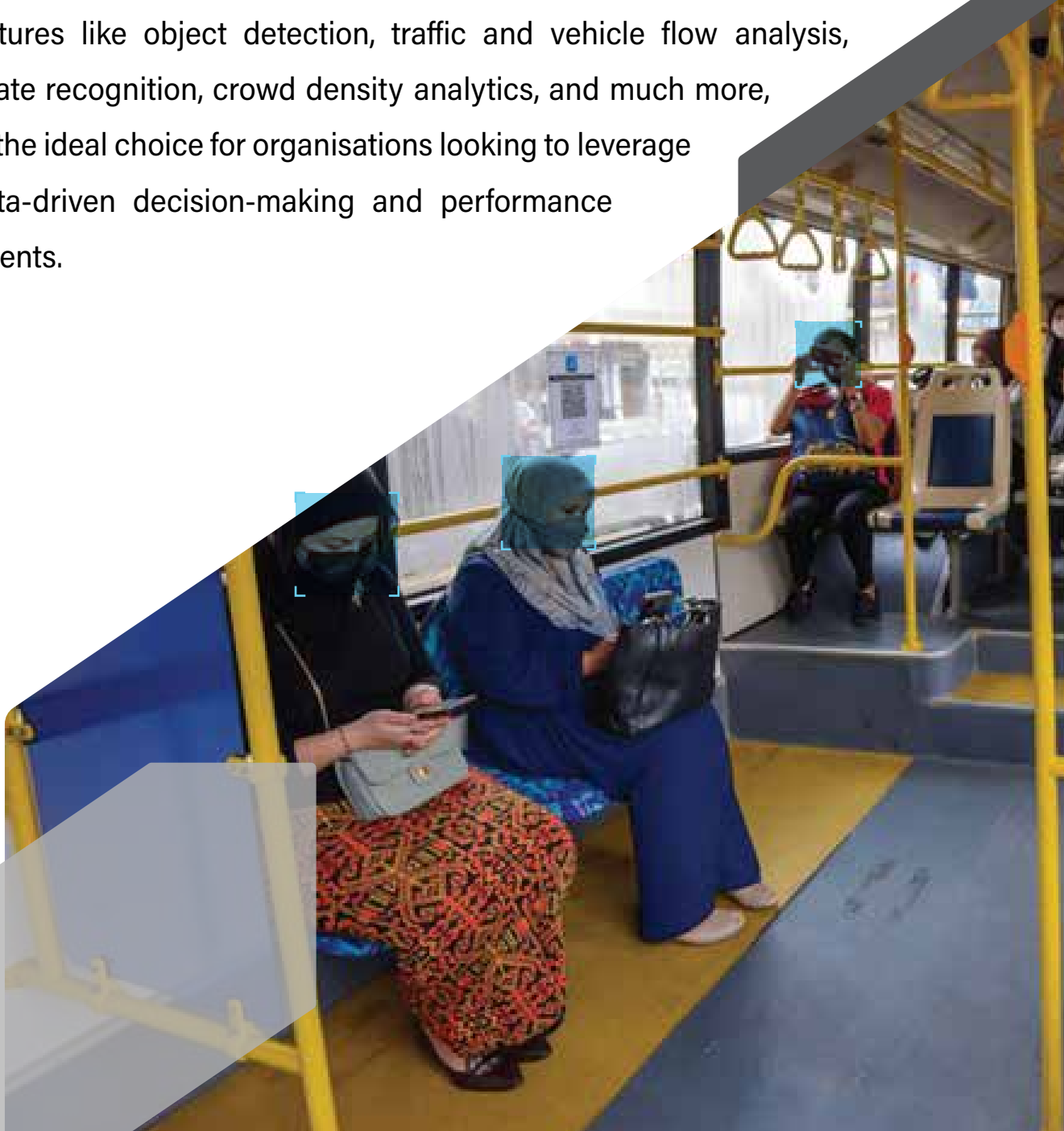
for Urban Metro Solution

Smart and Secure Living For All

RecoZense THIA

RecoZense THIA is an advanced AI-powered box designed to process and analyse video footage with onboard analytic capabilities. This compact yet powerful solution integrates all of Recogine Technology's leading technologies, providing real-time insights and advanced analytics for a wide range of applications. By processing live or recorded video feeds, as well as sensor data, RecoZense THIA delivers actionable intelligence to enhance operational efficiency and safety.

Whether deployed in transportation industry or smart cities, RecoZense THIA enables organisations to monitor, optimise, and streamline their operations. It offers features like object detection, traffic and vehicle flow analysis, license plate recognition, crowd density analytics, and much more, making it the ideal choice for organisations looking to leverage AI for data-driven decision-making and performance improvements.



Key Features



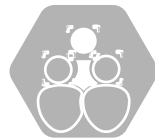
Vehicle Flow & Traffic Analytics

Monitor and analyse vehicle movements, optimise traffic flow, and reduce congestion with real-time insights.



License Plate Recognition

Automate vehicle entry and exit monitoring with advanced license plate recognition.



Crowd Density Analytics

Ensure safety and optimize space usage by analysing crowd density in real-time.



Facial Recognition

Enhance security and customer experience with accurate and efficient facial recognition technology.



Display Signage

Leverage AI-driven insights to manage and optimise digital signage for targeted communication.

Why choose RecoZense

THIA?



CUSTOMISABLE SOLUTIONS

Tailor the RecoZense THIA to fit your specific requirements with flexible deployment options and a range of features.



SCALABLE PERFORMANCE

From small businesses to large enterprises, our RecoZense THIA scales with your needs.



ENHANCED SECURITY

Benefit from advanced Artificial Intelligence algorithms to bolster security.



REAL-TIME INSIGHTS

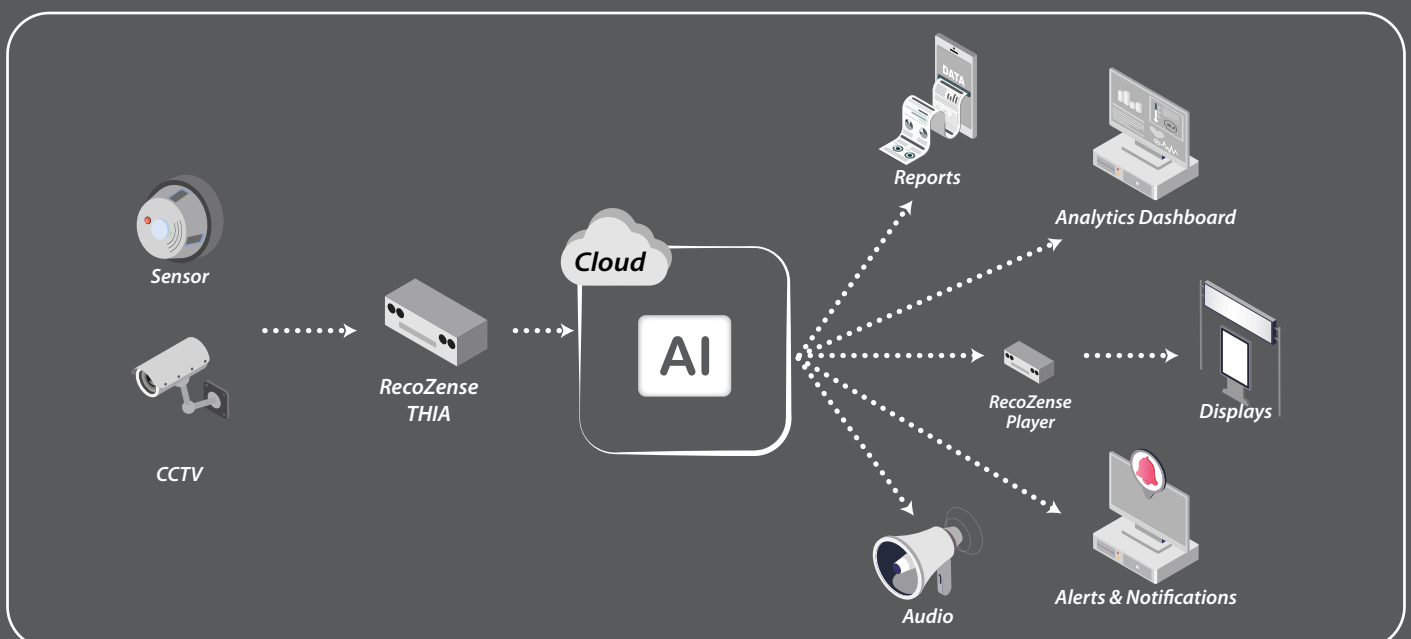
Make informed decisions with real-time analytics across various domains.



RELIABLE SUPPORT

Enjoy peace of mind with our remote support and advanced data analysis capabilities.

System Architecture



Package Options

Our *RecoZense THIA* comes in three packages tailored to meet diverse business needs:

Feature/Package	Lite	Standard	Premium
AI-Powered Analytics	Basic	Intermediate	Advanced
Supported Input	1 channel	Up to 2 channels	Up to 8 channels
Report & Interactive Dashboard	Basic	Enhanced	Comprehensive
Remote Support	✗	Basic Support	Premium Support
Advanced Data Analysis (via SaaS subscription)	✗	✓	✓
Supported Analytics	• Vehicle Flow & Traffic Analytics • License Plate Recognition • Crowd Density Analytics • Display Signage • Safety and Security	• Object Detection for Safety • Vehicle Flow & Traffic Analytics • License Plate Recognition • Smart Parking Solutions • Facial Recognition • Driver Monitoring System (DMS) • Crowd Density Analytics • Display Signage • Retail Analytics • Safety and Security • Industrial Applications • Environmental Monitoring	• Object Detection for Safety • Vehicle Flow & Traffic Analytics • License Plate Recognition • Smart Parking Solutions • Facial Recognition • Driver Monitoring System (DMS) • Crowd Density Analytics • Display Signage • Retail Analytics • Safety and Security • Industrial Applications • Environmental Monitoring

Use Case

01

Object Detection for Safety

- Vehicle and Pedestrian Detection
- Bicycle and Motorcycle Detection
- Obstacle Detection
- Traffic Sign Recognition
- Safety Zone Monitoring

02

Vehicle Flow & Traffic Analytics

- Vehicle Counting
- Traffic Density Estimation
- Incident Detection
- Congestion Detection

03

License Plate Recognition

- Plate Detection
- Character Recognition
- Vehicle Type Classification

04

Smart Parking Solutions

- Occupancy Detection
- Parking Space Availability
- Illegal Parking Detection

05

Facial Recognition

- Face Detection and Identification
- Age and Gender Estimation
- Emotion Detection

06

Driver Monitoring System (DMS)

- Drowsiness Detection
- Distraction Detection
- Eye Tracking
- Seat Belt Detection

07

Crowd Density Analytics

- People Counting
- Crowd Estimation
- Social Distancing Monitoring
- Anomaly Detection

08

Display Signage

- Audience Measurement
- Content Optimization
- Advert Effectiveness Tracking
- Digital Signage Control

09

Retail Analytics

- Customer Footfall Analysis
- Heatmap Generation
- Queue Management

10

Safety and Security

- Intrusion Detection
- Restricted Area Monitoring
- Perimeter Security

11

Industrial Applications

- Equipment Monitoring
- Hazard Detection
- Anomaly Detection

12

Environmental Monitoring

- Wildlife Detection
- Weather Pattern Analysis
- Disaster Management



Contact Us

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