

TRIYAM- The Third Eye

AI Intelligent Security Platform



**Digital eyes
has now got the
brains to match**

TRIYAM

AI Intelligent Security Platform

Company Introduction

BSS Advance Technologies Private Limited offers a variety of technological solutions based on its developed **TRIYAM** software architecture, advanced computerized computer vision, machine learning algorithms and years of experience in image analytics for large-scale security surveillance and observation deployments.

TRIYAM offers high quality image and video analytics solutions that seamlessly integrate with large variety of 3rd party systems and deployments; this makes **TRIYAM - The Third Eye** an ideal choice for users looking to incorporate and integrate best-of-breed products in their state-of-the-art surveillance and security networks

Service Sectors

- Office Spaces
- Educational Institutions
- Hospitality
- Government Offices
- Industries
- Airports
- Defense
- Financial Institutions



Our Technologies

Facial Recognition

Weapon Detection

Voice Recognition

Hand Recognition

Dwell Time

Emotion Recognition

Object Detection

Eye Recognition

Intrusion Detection

Crowd Counting

Age & Gender Analysis

3D Mapping

Fire & Smoke Detection

License Plate Recognition





1. FACIAL RECOGNITION

Benefits

- Greater accuracy
- Better security
- Convenient
- Seamless integration
- Automated identification
- Faster and time saving
- More personalised control



2. VOICE RECOGNITION

Benefits

- More personal control
- Time saving
- Multiple uses
- Improved security
- More Hygienic



3.EYE RECOGNITION

Benefits

- Greater accuracy
- Scalability and multiple uses
- More Hygienic
- Improved security
- More personalised control
- Faster and time saving

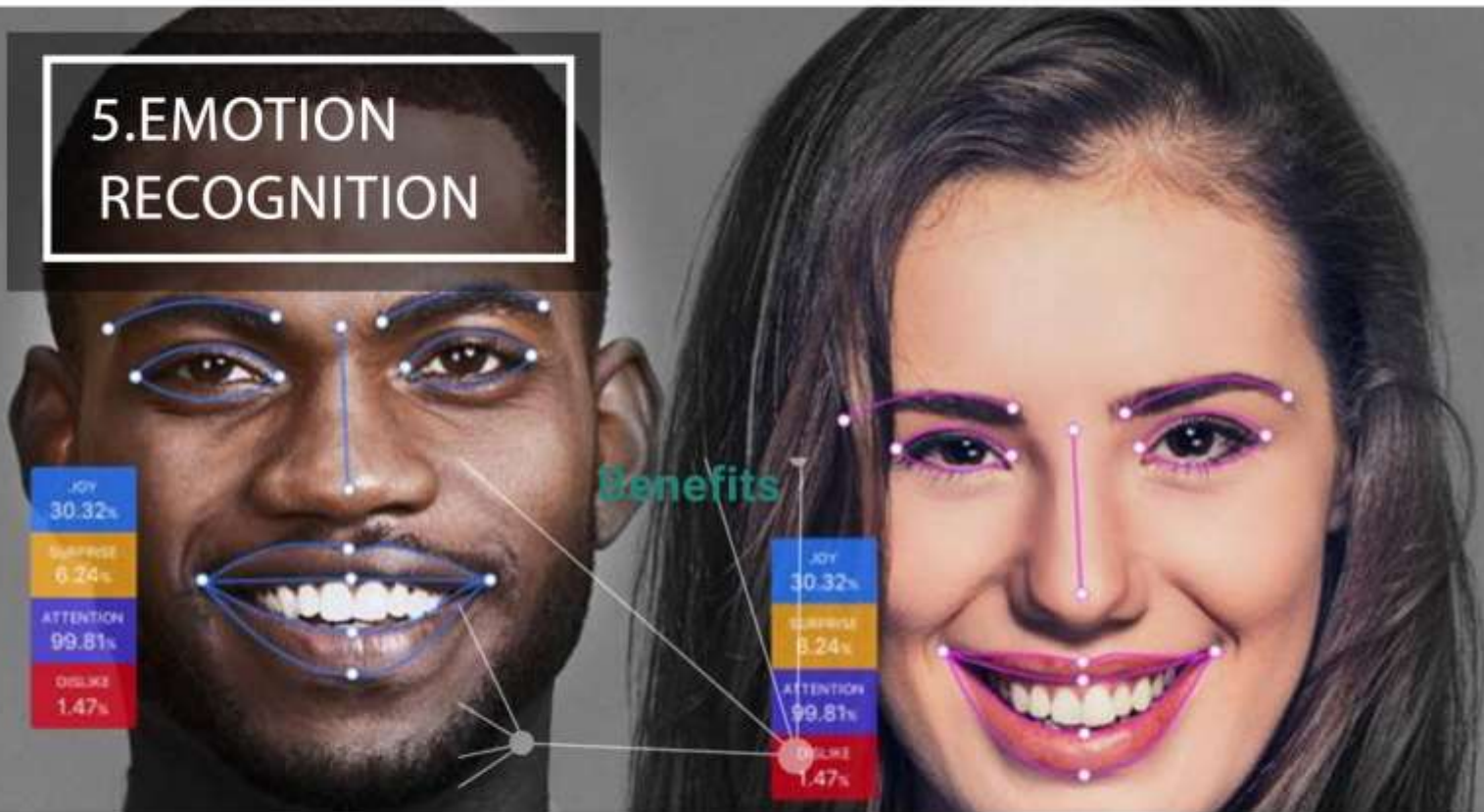


4.FINGERPRINT RECOGNITION

Benefits

- Unique identification
- Extremely secure
- Greater identification accuracy
- Reduced risk of theft
- Eliminates need for passwords
- Time saving
- Multiple uses

5. EMOTION RECOGNITION



Benefits

- Helps examine the sentiments of a human face
- Track facial looks for specific emotions like happiness, sadness, surprise, anger, etc.
- Can analyze faces in images, videos and real-time video feeds
- Automated analytics helps save costs and time
- Provides greater insight into what provokes an emotion
- Helps to understand the emotions of potential customers to improve customer experiences
- Helpful for marketing & advertising to gauge consumer mood towards their product or brand

6. AGE & GENDER ANALYSIS

Female, Age: 24

Male, Age: 32

Benefits

- Companies can customize their service, products and advertising as per target audience
- Generates beneficial analytics that helps make better projections & future plans
- Accurate estimation of audience demographics from facial images
- Multiple uses

7. OBJECT DETECTION

- Detect and define any specific object
- Object can be detected from images, videos or real time
- Classify just one or several objects at once

8.3D MAPPING



Benefits

- Integrates vision technology with cutting-edge processing techniques
- Helps in locating and identifying any entity such as buildings, green areas, water body etc.

9. WEAPON DETECTION



REMOVE
PARASITICS

ID THREAT
PROBABILITY



11 %



SUBTRACT
CLUTTER



48 %



EXTRACT
FEATURES



83 %



92 %

ALERT
SECURITY



Benefits

- Detect and define any specific object
- Object can be detected from images, videos or real time
- Classify just one or several objects at once
- Like a visual search engine to help consumers find a specific item they're on the hunt for

10. INTRUSION DETECTION




Benefits

- The system can be modified and changed according to needs of specific client and can help outside as well as inner threats to the system and network.

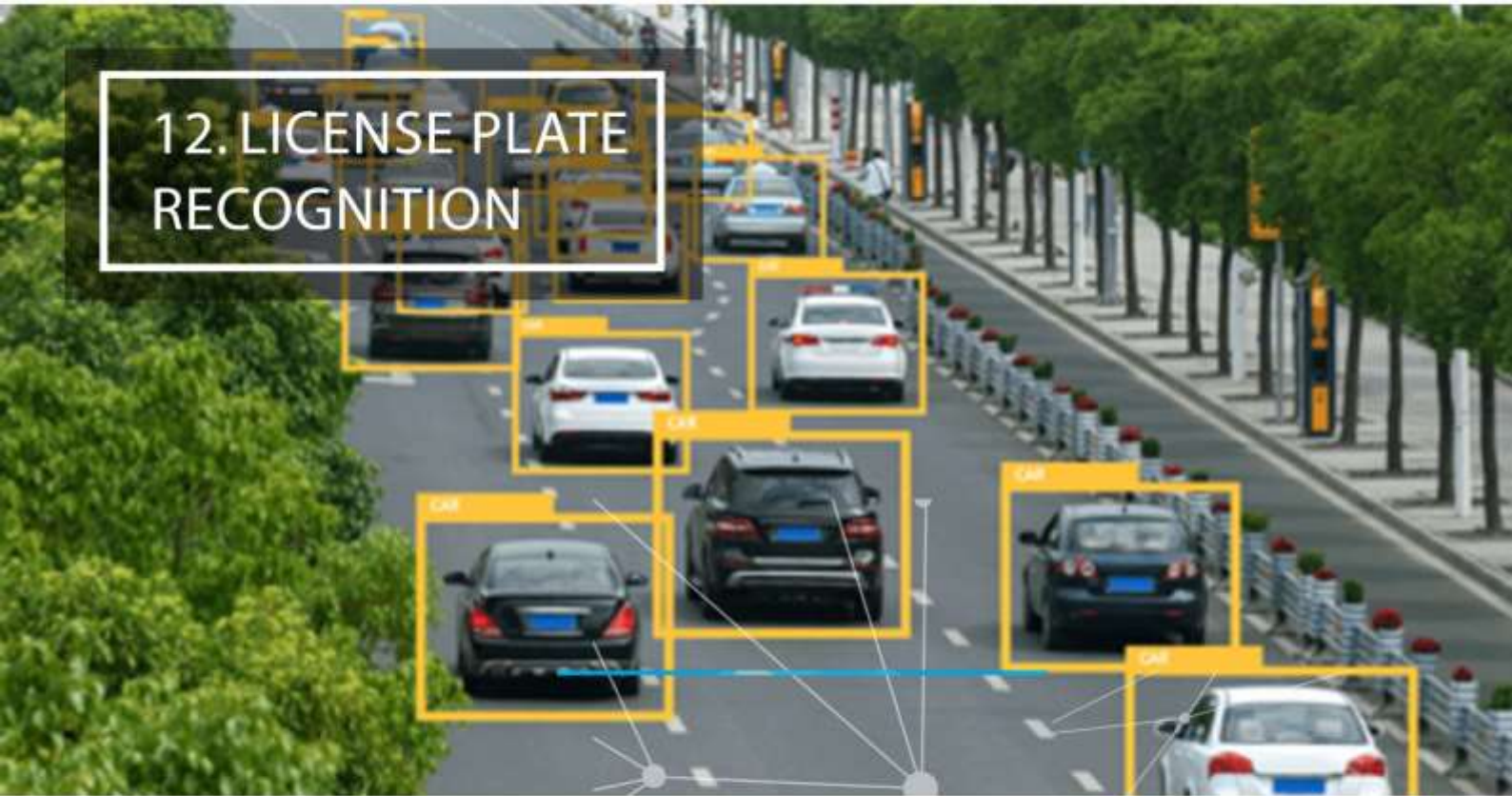


11. FIRE & SMOKE DETECTION

Benefits

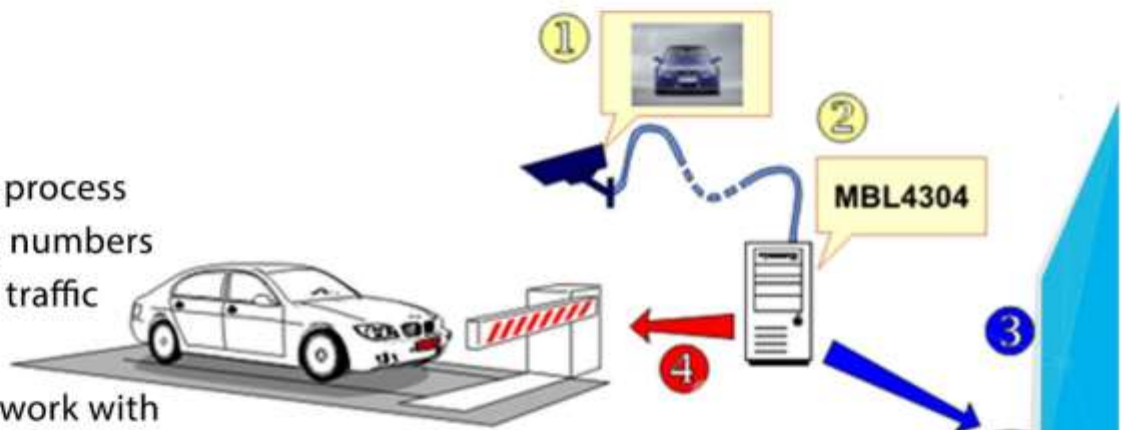
- Real time monitoring
 - Monitor Large Volume Spaces
 - Very Fast Detection Method
 - Provides Situational Awareness
 - Continuous Video Recording Allows for Post Event Analysis
 - Differentiate Between Different Types of Fumes
 - Triangulate the Location of a Fire
 - Program machines to ignore specific areas to prevent nuisance alarms
- 

12. LICENSE PLATE RECOGNITION



Benefits

- Eliminates the tedious process of manually recording numbers
- Helps to identify serial traffic offenders
- The security team can work with this software and increase efficiency
- Captures image and video both
- Identifies license plate, type and model of vehicle
- Creates a database and more information gets added to database over time



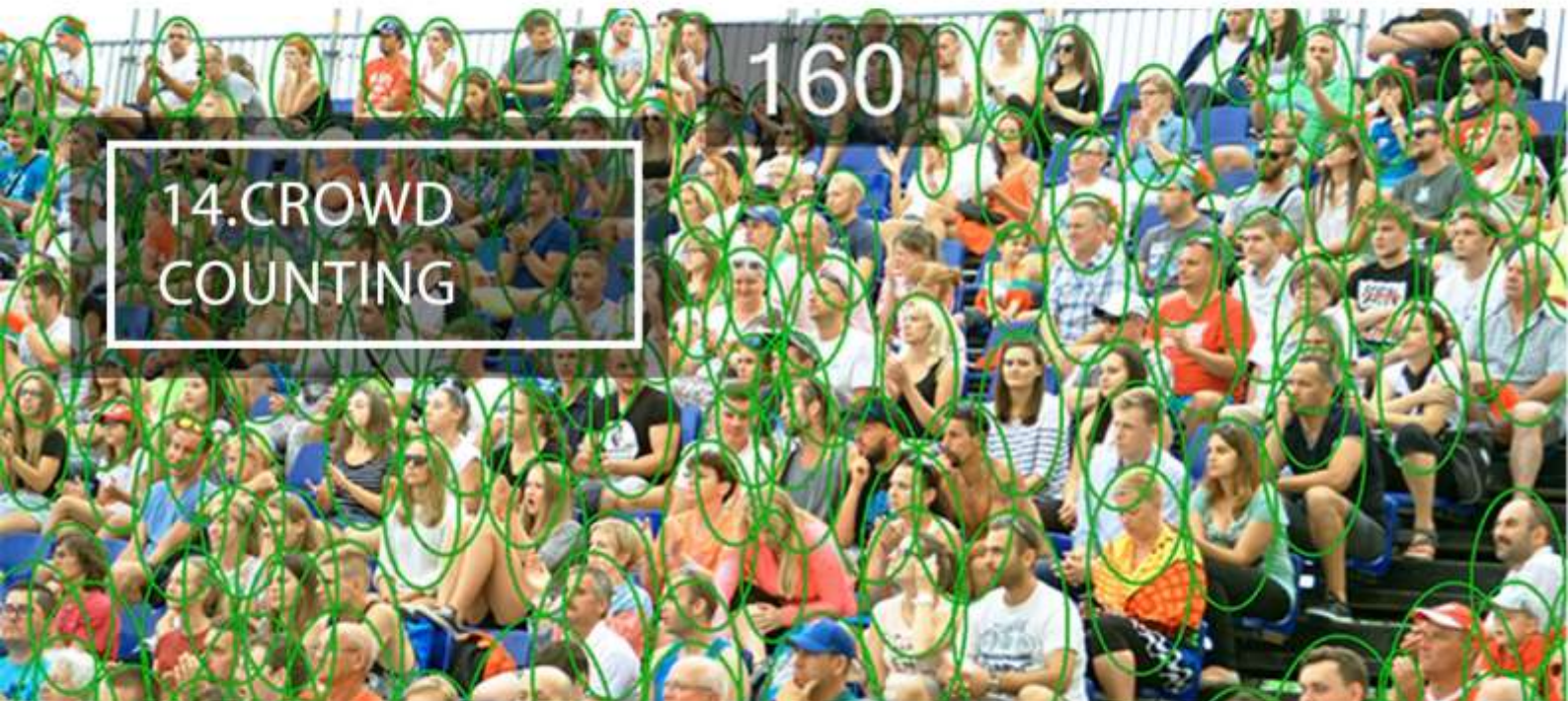
13. DWELL TIME RECOGNITION



Benefits

- Act on insights to enhance the customer experience via optimized staff allocation, improved store layouts and proactive in-store campaigns – every hour of every business day.

14. CROWD COUNTING



Benefits

- Helps to manage large crowds at events
- Provides peak count
- Provides peak hours
- Provides the preferred Location and routes taken by people



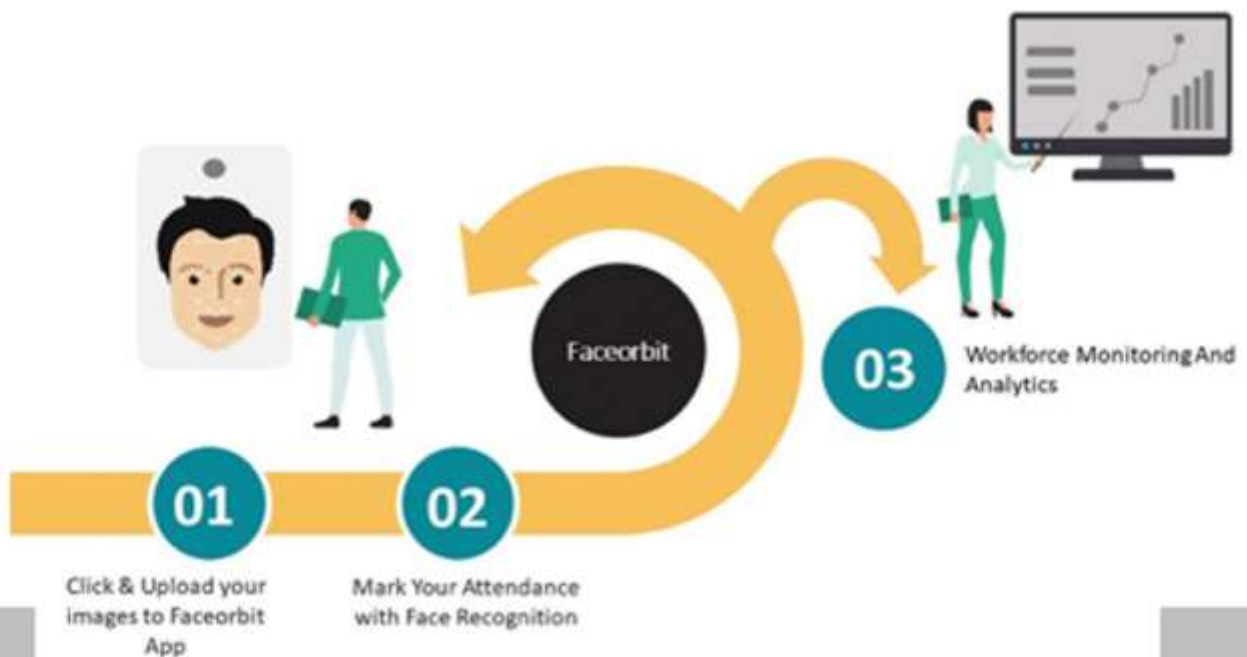
Smart Attendance System

This attendance monitoring system is created with the idea to make workspace more productive and efficient, prevent time theft and ensure accountability.

With Faceorbit's new attendance system workforce supervision becomes easy and helps you make important executive analysis and decisions.



UNDERSTAND THE PROCESS



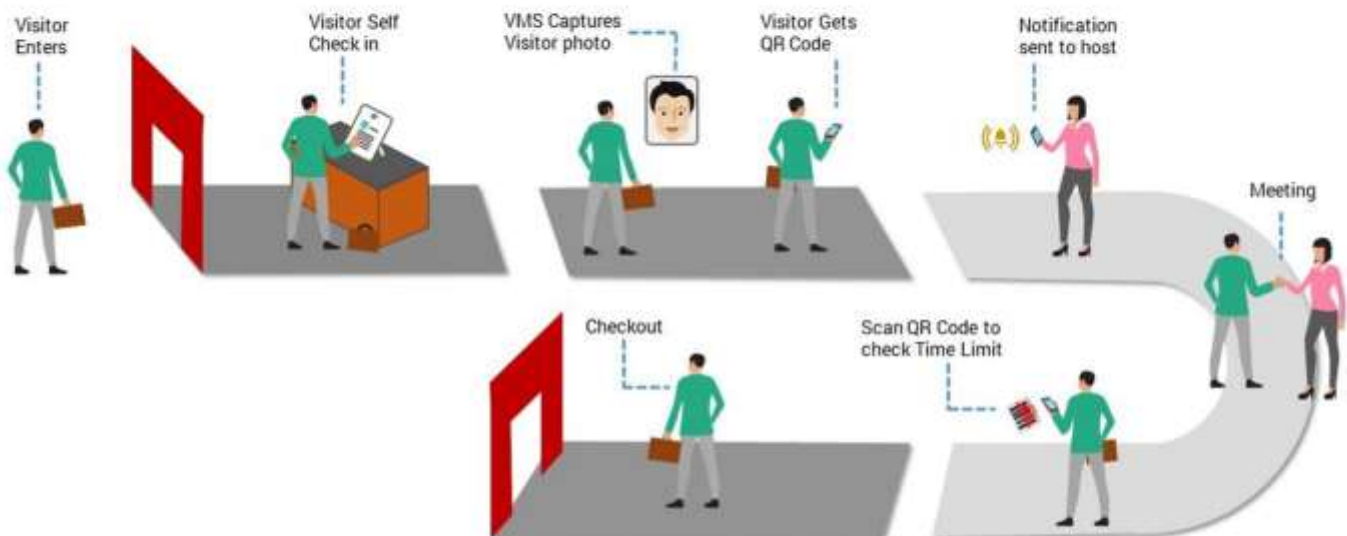


Visitor Management System

Faceorbit's Visitor Management System is a new interactive software that efficiently improves your security as well as provides a better experience to your visitors, clients and employees.

With the help of VMS you can track all your visitors, categorically store the data, retrieve or export it whenever needed. All visitor data is encrypted and stored in a secure cloud, all easily accessible.

UNDERSTAND THE PROCESS





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