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**Securing
Tomorrow's World
Today**



About Company

TRIMATRIC AI associated with SIGMIND AI is the very first Artificial Intelligence (AI) research group and engineering solution provider in Bangladesh. Our talented research group and skilled developer team are working hard to invent ground-breaking solutions for complex problems to advance humanity.

The company is currently putting efforts to develop and market some innovative products with latest Computer Vision and Natural Language processing technologies powered by A.I. to solve some of the greatest challenges for humanity.

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Our Service

We provide various AI technologies that encompass a wide range of applications and functionalities. Here are some key AI technologies:



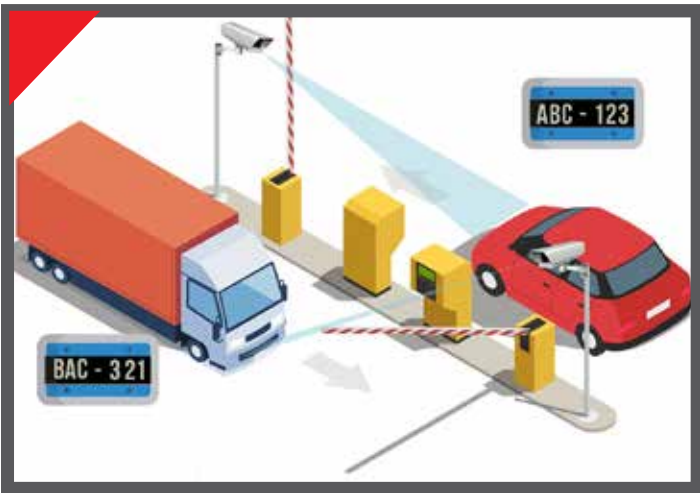
Face Recognition

Face recognition is a technology that involves identifying and verifying a person's identity based on their facial features. It is a subset of computer vision and artificial intelligence. Face recognition systems use mathematical algorithms to analyze and compare facial patterns to determine the identity of an individual.



Numer Plate Recognition

License Plate Recognition (LPR), also known as Automatic License Plate Recognition (ALPR), is a technology that uses optical character recognition to read vehicle license plates. It is widely used for various applications, ranging from law enforcement and traffic management to parking systems and access control.

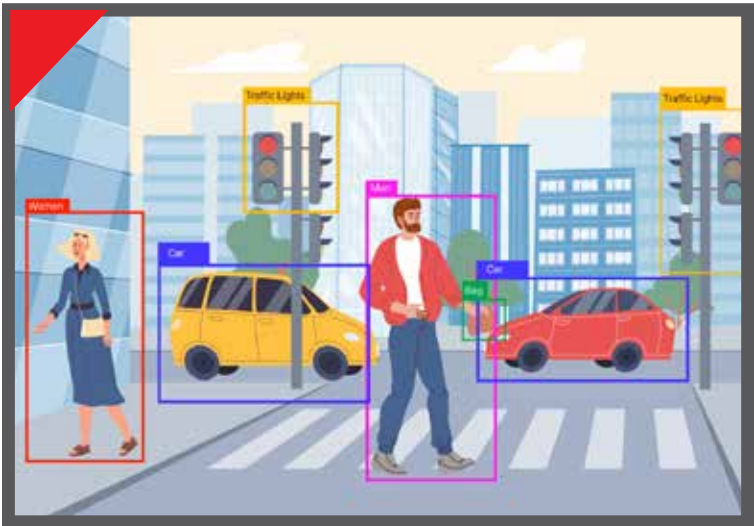


Our Service



Object Detection

Object detection is a computer vision task that involves identifying and locating objects within images or video frames. The goal is to not only recognize the presence of objects but also to provide information about their positions.



Web & Mobile Application Development

Our Comprehensive Web & Mobile Application Development service is specifically designed to meet the demands of businesses with intricate and complex operational requirements. We specialize in developing robust, scalable, and user-friendly applications that streamline complex workflows and empower your organization to operate efficiently.



Our Product

We are committed to creating a safer and more secure environment for citizens, businesses, and public institutions. Our expert support to enhance your surveillance system.

01

Smart Traffic Management

Smart Traffic Management involves the use of advanced technologies and data-driven solutions to optimize traffic flow, reduce congestion, enhance safety, and improve overall transportation efficiency.

- *Traffic Surveillance Systems
- *Data Analysis and Processing
- *Traffic Signal Optimization

03

ISSI

Intelligent surveillance systems for industrial applications leverage advanced technologies to enhance security, safety, and operational efficiency in industrial settings.

- *Facial Attendance & Access Control
- *Behaviour Analysis
- *Video analytics

02

BMS

BMS is an integrated solution that utilizes advanced technologies to manage and control various building systems. The goal is to enhance efficiency, optimize energy usage, improve occupant comfort, and streamline overall building operations.

- *Security & Access Control
- *Parking Management
- *Guest or visitor management

04

Smart Surveillance system

an advanced and integrated security solution that leverages cutting-edge technologies to monitor, analyze, and respond to security events. These systems are designed to enhance traditional surveillance capabilities by incorporating artificial intelligence (AI), machine learning, and other sophisticated technologies.

05

Public Security

artificial intelligence (AI) and advanced technologies to monitor public spaces, analyze data, and enhance security measures. While it has the potential to improve public safety, it also raises important considerations related to privacy, ethics, and the responsible use of technology.

- *Facial Recognition
- *Anomaly detection
- *Movement analysis

Why Choose Us?



*We assure secure security
Storing surveillance data in
secure cloud servers for ac-
cessibility and backup.*



Our Clients



Bangladesh Export Processing Zones Authority has been using our Vehicle Analytics Solution in multiple EPZ's for over 18 months to track every vehicle that enters and exits its restricted premise. The product is adding a great value for monitoring such intensive vehicle traffic and improving security and regulatory compliance to a great extent.



Special Security Force Bangladesh is using our Human Analytics Solution to monitor people entering and exiting in one of the most secure premises in the country. The product has automated the surveillance scenario and enhanced on-premise security at large.



The Civil Aviation Authority of Bangladesh uses our Vehicle Analytics Solution at Dhaka Airport to automate the large fleet of vehicles moving in the restricted premises everyday.



Bangladesh Finance Division is using our biometric e-KYC solution to serve 1 million of pensioners across Bangladesh to verify their liveness from their smart-phone at home with ease..

Our Clients



We have been provided Automated Traffic Volume Count Survey in National Highways in Bangladesh across 30 locations under **Roads and Highways Department of Bangladesh** to facilitate the feasibility of ITS as a sub-contractor for KOICA.



The Hi-Tech Park Authority of Bangladesh is using our Human Analytics Solution to monitor its premise in Kaliakoir Hi-Tech City. More that 64 cameras have been turned into smart cameras using the solution.



Comilla City Corporation is using our Human Analytics and Vehicle Analytics Solution towards building a smart and safe city in Comilla. Hundreds of regular ordinary cameras have been turned into smart cameras to provide intelligent analytics of what's happening around the city in real-time.



Our Vehicle Analytics Solution is being used by the **United Group** for monitoring vehicle entry and exit status to take permissive or restrictive measures automatically in faster way

97%

Projects
Successfully
Complete

