Launching New Products

Smart Parking Solution to increase the efficiency of paid parking enforcement & operation using connected vehicles and fixed machine vision cameras

PARKING INSPECTION VEHICLE

As part of Tatweer's relentless endeavors to provide smart solutions and innovative services to our customers, we implemented **Smart Parking Solution** to facilitate the circulation of vehicles within controlled parking areas. The offered solution includes a central operation platform integrated with different system components, fixed ANPR cameras and inspection vehicles to capture plates with high accuracy aiming to digitize, automate, and improve paid parking across the city.

Solution Objectives:
- Help drivers/road users to find available parking's.
- Increase efficiency of support, maintain, operate parking systems.
- More control and security for parking's spaces and assets.
- Helps the parking facility owner to increase parking accessibility and utilization.
- Reduce traffic congestion and traffic pollution.
- Enhancing parking management for optimal operations.
- Generate revenue and profit for the government.

In-Vehicle Embedded System & Dashboard
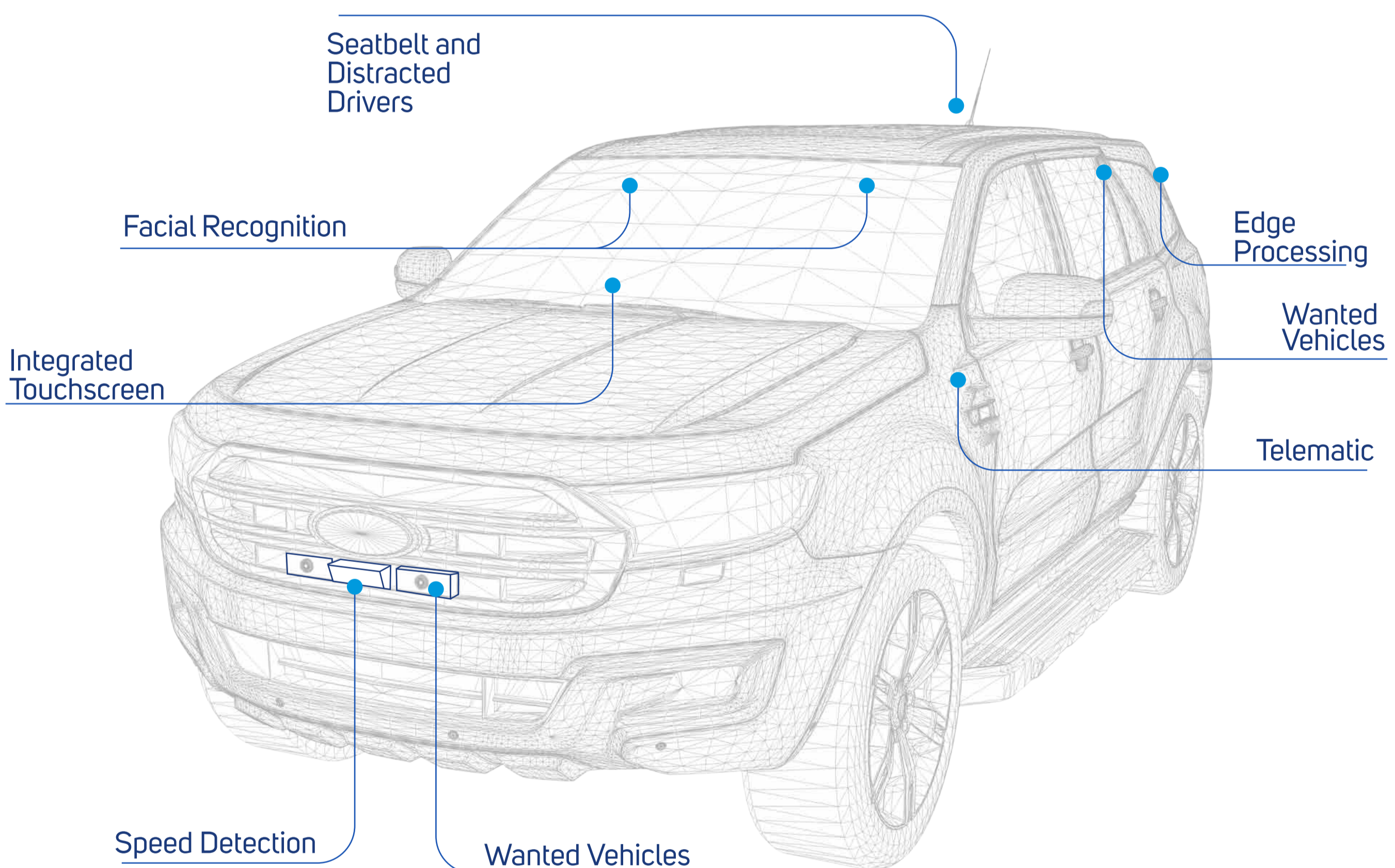
Back-office Monitoring & Violation Processing

ANPR Camera (Exit/Entry)

Reserved Parking Detection

Undercover Police Patrol a new law enforcement product that reduces crime, increase road safety, and empower law enforcement agencies.

Seatbelt and Distracted Drivers

Facial Recognition

Integrated Touchscreen

Edge Processing

Wanted Vehicles

Telematic

Speed Detection

Wanted Vehicles

Tatweer unveiled a new innovative product for law enforcement "**Undercover Police Patrol**" to prevent crime, increase road safety and empower law enforcement agencies by outreaching the police patrols in all roads, including the use of undercover officers.
Our under-cover Patrol consist of the following components:
- Supports both moving and stationary operations.
- Speed detection using LiDAR sensors.
- Long range coverage "360 degrees".
- Facial detection and recognition
- High accuracy of speed detection calibrated with ANPR.
- Vehicle classification and traffic counting.
- Support different types of vehicles.
- IR, Day and night time support.
- Integrated with Safe City Platform for dispatching, monitoring and control.
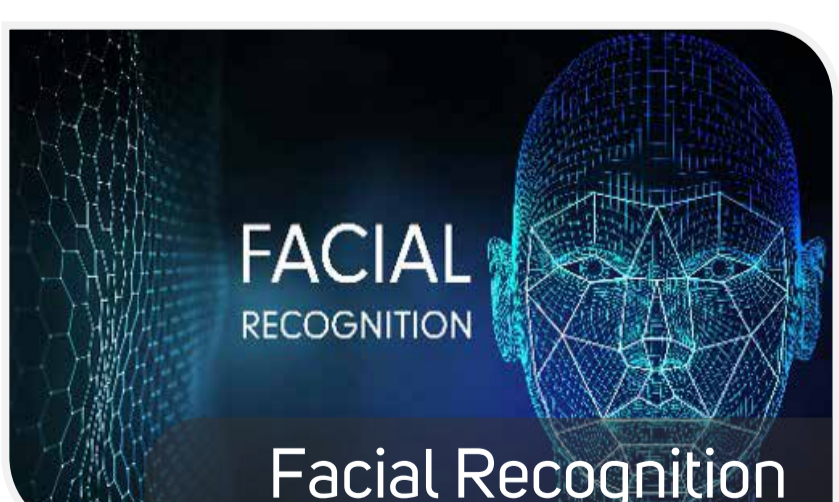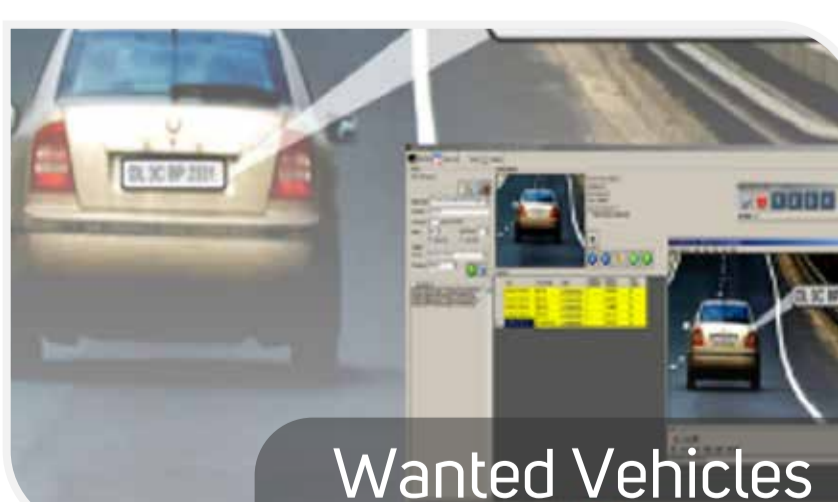

Seat Belt Violators

Distracted Drivers

Over Speed Detection

Facial Recognition

Wanted Vehicles

Integrated Dashboard