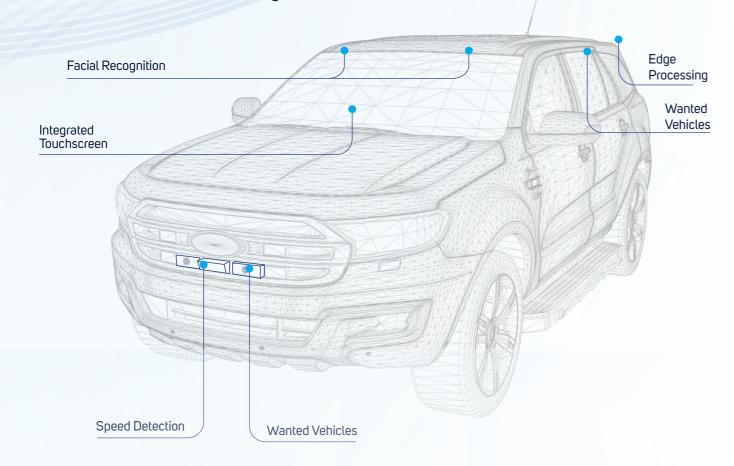


In-Vehicle System

A comprehensive structure of cutting-edge sub-systems available to the officers in the vehicles through a feature-rich interface.



System provides various functionalities including:



Speed Enforcement

Multiple lane coverage with wide range camera for detecting, classifying, and tracking vehicles up to five lanes left and two lanes right.

Timely triggering of the ANPR camera with accurate detection during the movement or stationary mode.



Mobile ANPR

Accurate readings for up to 8 concurrent lanes in various light conditions (Day & Night).

System uses the ANPR data to identify flagged vehicles and truck permissions and expired license plates.

The OCR engine supports wide range of international plate number (eq: Arabic numeric).



Health Check & Audit Logs

Monitor the status of the system components. Monitor all officers' activities and actions on the generated alerts and violations through both command and control system and the In-Vehicle System.



Live Tracking

Live GIS based visualization of vehicle location available in the In-Vehicle System, and live locations will be sent to the Command and Control Center.



Multi-User Access

Multi officers can access the In-Vehicle System session at the same time with option to select the primary officer on the vehicles. All actions on the alerts and violations will be logged for that primary officer user.



Violation and Alerts Records Management

All violations and alerts are automatically detected from the cameras or the system in the vehicle and it will be reflected in the real time dashboard



Facial Recognition

Real-time, high-accuracy, simultaneous multiple face detection & recognition to identify wanted person near the vehicles.



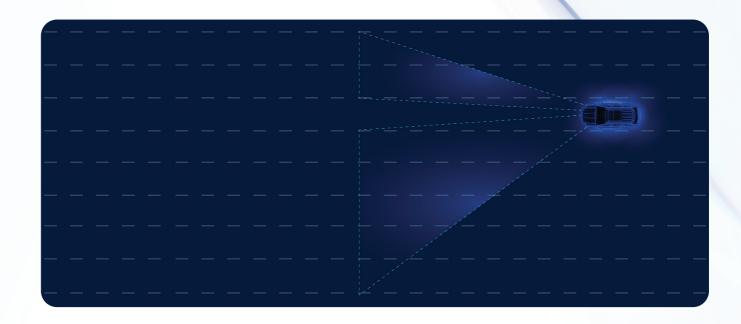
Realtime Dashboard

Comprehensive dashboard with real time information from alerts, violations, command and control system messages and system health status.



Suspected Vehicle

Law Enforcement Officer, through the In-Vehicle System, can add/mark a vehicle as a suspected one and request in the central office system to consider that particular vehicle as a wanted vehicle based on its record or actions.



Command and Control Center

Our back-office system provides the operator remote access from the Command & Control Center to a wide range of functions embedded into In-Vehicle System to ensure the smooth flow and management of surveillance and crime detection operations.

- Central Dashboard
- Vehicles KPIs Monitoring and Control
- Audit Trails Records and Logs
- Broadcast Messaging to In-Vehicle System

- Real-Time Insights into Vehicles Activities
- In-Vehicle Health Check and Monitoring
- Data and Video Archives with Search Capabilities
- Integration-Ready with Legacy Systems

- Instant Alerts from In-Vehicle System
- Access to Issued Violations with GIS Based Heatmaps
- Comprehensive Search with Various Filters and Sorting Features





