



# FALCON

360° AI Passenger & Vehicle Protection System



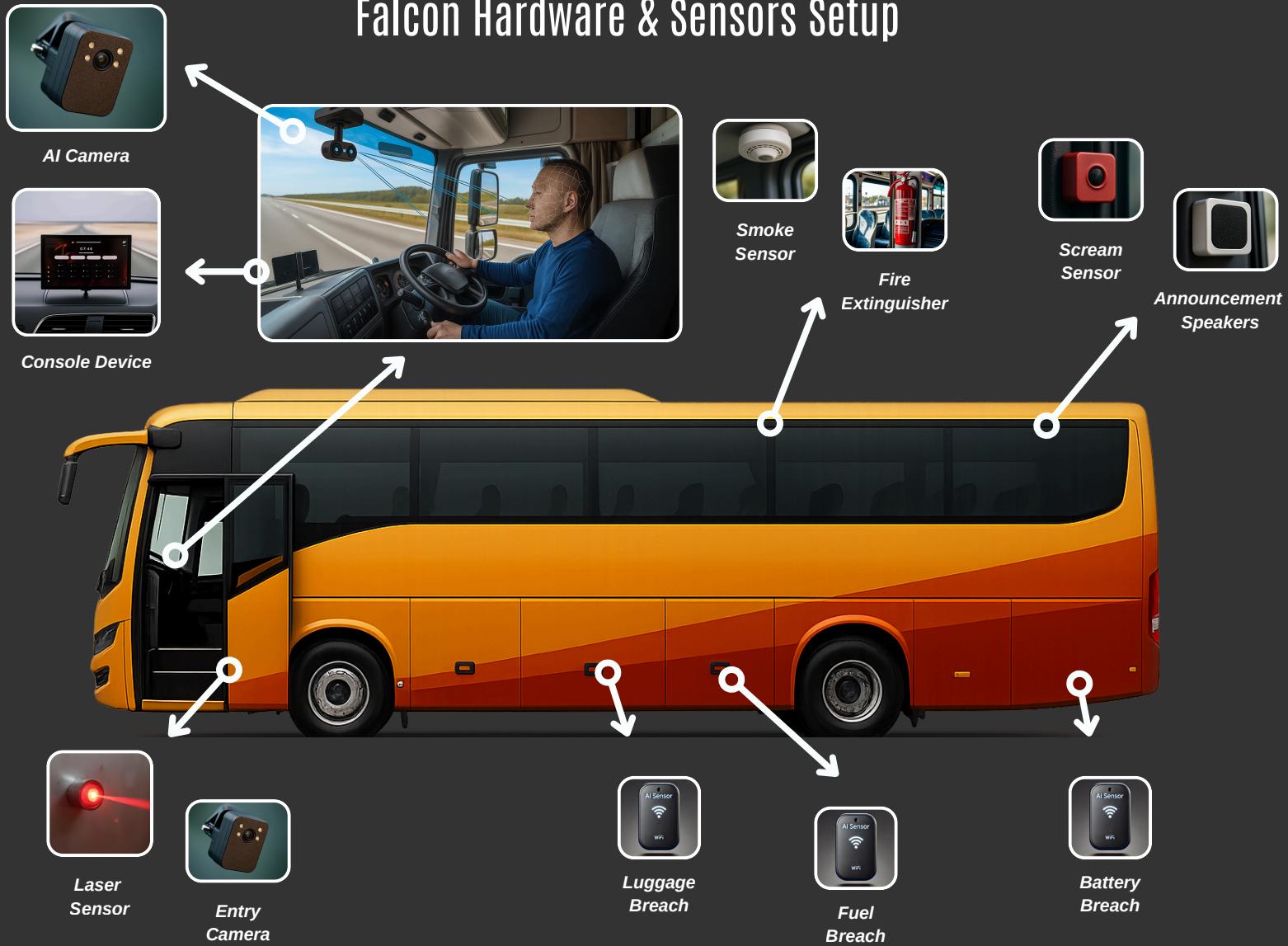
**Falcon** is a **360° AI-powered passenger & vehicle protection system**, combining advanced hardware and IOT sensors with **cutting-edge Falcon AI software**. It delivers 360° protection for passenger and fleet, while streamlining connectivity.

# What is Falcon

Falcon is an advanced 360° AI-powered passenger and vehicle protection system that delivers five major solutions:

1. Prevent accidents using AI
2. Protect passengers
3. Prevent theft
4. Ensure digital connectivity
5. Provide evaluation and evidence for your fleet

## Falcon Hardware & Sensors Setup



# 360° AI PROTECTION – PREVENT ACCIDENTS BEFORE THEY HAPPEN

**1,50,000+ die on Indian roads yearly,  
97% of crashes are driver mistakes.**

## DROWSY DRIVING



Detects frequent yawning or slow eyelid movements indicating the driver is sleepy, and sends instant alerts.

## DISTRACTED DRIVING



Monitors if the driver looks left, right, up, or down instead of the road, triggering warnings to refocus.

## EYES OFF ROAD



Detects when the driver's eyes stray from the road, identifying inattentiveness or dangerous distractions.

## UNSAFE DRIVING POSITION



Alerts when the driver leaves a safe driving posture, like reaching far or leaning dangerously.

## NO SEAT BELT



Uses marker-based detection aligned with the driver's face to ensure the seat belt is worn correctly.

## UNAUTHORIZED DRIVER



Uses facial recognition to detect driver changes in real time, alerting owners of unauthorized access.

**FALCON USES AI TO MONITOR DRIVERS IN REAL TIME, ALERTING INSTANTLY TO DROWSINESS, DISTRACTION, AND UNSAFE DRIVING.**

# SMART SAFETY FOR EVERY PASSENGER

**2,000 + rapes and countless assaults happen in or around public transport annually, especially affecting women and children .**

## SCREAM FOR HELP



Detects distress shouts like "Help", "Stop", "No", "Please". Owners confirm by listening, and send live warnings through speakers to stop the crime.

## SMART ENTRY EXIT TRACKER



Captures photos each time a passenger boards or exits using laser, keeping a secure digital log of all movements.

## FIRE SAFETY



Detects smoke or fire inside the vehicle, sending real-time alerts; owners can remotely trigger extinguishers.

**FALCON DETECTS DISTRESS SHOUTS, CAPTURES ENTRY/EXIT PHOTOS USING LASER, AND ALERTS INSTANTLY FOR FIRE HAZARDS.**

# STOP THEFT THE MOMENT IT HAPPENS

₹500-700 crore are lost annually in India due to thefts of fuel, batteries, and cargo.

## FUEL THEFT



Alerts when the fuel cap is opened without authorization, helping prevent fuel theft instantly.

## BATTERY THEFT



Detects tampering or removal of the battery and sends immediate notifications to prevent loss.

## LUGGAGE BOX TAMPERING



Alerts when the luggage compartment is accessed without permission, securing passenger belongings.

## DOOR OPENINGS



Monitors unauthorized door openings and alerts the owner to potential theft or unauthorized entry.

## IDLE ENGINE



Detects when the vehicle's engine is idling unnecessarily and sends alerts to reduce fuel waste and inefficiencies.

## ENGINE FIRE



Detects fires in the engine compartment and notifies owners immediately to reduce damage.

**FALCON'S IOT SENSORS DETECT TAMPERING AND LOSSES INSTANTLY, SENDING ALARMS TO OWNERS AND PREVENTING THEFT AND LOSSES IN REAL TIME.**

# CONNECT DRIVERS, OWNERS, AND CUSTOMERS IN REAL TIME

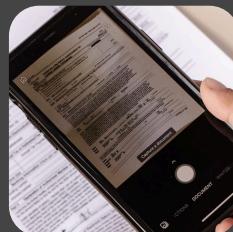
₹2,000–3,000 crore yearly due to delays, disputes, and inefficiencies from poor communication and lack of digital records.

## LIVE ANNOUNCEMENTS



Enables real-time announcements to passengers and drivers across multiple vehicles simultaneously.

## DOCUMENT SHARING



Allows drivers to share trip-related documents securely with owners or customers in real time.

## FUEL FILLING PHOTOS



Drivers upload photos or videos of fuel filling as proof of transactions, ensuring transparency and preventing fraud.

## PASSENGER PHOTOS



Captures images of passengers on boarding for security and to maintain an accurate travel record.

## LUGGAGE PHOTOS



Takes photos when luggage is loaded or unloaded, providing a clear record to avoid disputes or losses.

## ACCIDENT PHOTOS



Lets drivers capture and upload accident photos immediately for fast, verifiable insurance and claim processing.

**FALCON SENDS INSTANT ANNOUNCEMENTS, UPLOADS TRIP MEDIA, AND SHARES LIVE UPDATES WITH CUSTOMERS.**

# SECURE, TAMPER-PROOF RECORDS YOU CAN TRUST

**Accident and theft investigations often fail due to missing or tampered evidence, leading to disputes with insurers and authorities, and financial losses.**

## COURT CASES



Provides tamper-proof evidence admissible in legal proceedings to prove events and responsibilities.

## POLICE INVESTIGATIONS



Supplies reliable data and photos to support criminal investigations or accident inquiries.

## INSURANCE CLAIMS



Offers verified records of incidents, photos, and alerts to speed up and support insurance claim processes.

## SAFETY REVIEWS



Analyzes driving behavior and incidents to improve vehicle and passenger safety protocols.

## DRIVER REVIEWS



Evaluates driver performance using detailed event history to encourage safer, responsible driving.

## FLEET REVIEWS



Tracks overall fleet activity, incidents, and trends to enhance operational efficiency and reduce risks.

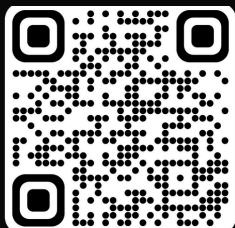
**FALCON'S DATA ARE ENCRYPTED AND PERMANENTLY STORED IN THE CLOUD, SERVING AS TAMPER-PROOF EVIDENCE FOR, INSURANCE, AND LEGAL CASES.**

Persistent, reliable, and secure cloud storage with end-to-end data encryption, adhering to international compliance standards.



## How to Purchase

### Scan QR Code



### Installation



### App Installation



Fill out your details and submit your request.

Our professional team will install the device in your vehicle.

Download the Apps from the Play or App Store.

## Reach us at

