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- 04** : DRIVER BEHAVIOR
  - Get to know how your vehicle is driven in real time
  
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  - Switch off the vehicle remotely



**AI CAMERA**



# AI CAMERA



- iButton
- LED speed display
- MIC Speaker
- Immobilizer
- OBD
- Fireproof box
- Panic Button
- Fuel Sensor
- Product Level Sensor

Trusted by clients worldwide  
Frotcom is the intelligent vehicle fleet  
management solution used by clients across  
the world. From small to large fleets and by  
companies with needs of the most different  
industries.

**FROTCOM**<sup>®</sup>



All the features for fleet management  
Frotcom is built in modules.  
Choose the ones you need to manage your fleet.  
GPS vehicle and asset tracking

- Nearest vehicles
- Fleet management reports
- GPS vehicle tracking and sensor monitoring
- Route planning and monitoring

#### Driver management

- Driving behavior analysis
- Automatic driver identification system
- Text communication with drivers
- Driving times monitoring

#### Security

- Fleet alarms
- Vehicle access control system
- Fuel management
- Remote vehicle immobilization



# EVENT TYPES

Select All

Frequent Lane Change

Traffic Sign Violation Warning

Safe Distance  Front Vehicle Start

ADAS Speed Down

Traffic Sign Recognition Event

Forward Collision Warning

Headway Monitoring Warning

Left Lane Departure  Right Lane Departure

Low Speed Forward Collision Warning

**BSD Alarm**

BSD Left Level 1  BSD Left Level 2

BSD Left Level 3  BSD Right Level 1

BSD Right Level 2  BSD Right Level 3

Select All

**DMS Alarm**

Fatigue Driving

Using Phone While Driving

Driver Smoking  Driver Abnormal

Driver Changed  Eyes Closed

Yawning  Camera Covered

Distracted Driving  Seat Belt Not Fastened

Driver Off Duty  Drinking Water

Driver Shift  Driver Returns

IR-Block Sunglasses

Driver Successfully Identified

Driver Identification Failed

Cannot Detect Face  No Face Mask Detected

Select All

**ADAS Alarm**

Lane Departure Warning

Pedestrian Collision Warning

Frequent Lane Change

Traffic Sign Violation Warning

Safe Distance  Front Vehicle Start

ADAS Speed Down

Traffic Sign Recognition Event

Forward Collision Warning

Headway Monitoring Warning

Left Lane Departure  Right Lane Departure

Low Speed Forward Collision Warning

**BSD Alarm**

Date Range 11/02/2024 00:00:00 To 15/03/2024 00:00:00

Alarm Type Fatigue Driving +1

Search



**FROTCOM** [Using Phone While Driving] [Icons]

34.0399208,-19.240757



14/02/2024 15:21:14

**FROTCOM** [Using Phone While Driving] [Icons]

34.7068405,-19.5733776



14/02/2024 13:36:36

**FROTCOM** [Lane Departure Warning]

32.659008,-18.9562626



15/02/2024 19:23:02

**FROTCOM** [Eyes Closed]

34.837822,-19.8062725



**FROTCOM** [Yawning]

32.6569214,-18.9537258



15/02/2024 19:24:04

**FROTCOM** [Yawning]

33.7171631,-19.0795593



14/02/2024 16:38:09

**FROTCOM** [Seat Belt Not Fastened]

34.8644867,-19.7421513



14/02/2024 11:58:11

**FROTCOM** [Yawning]

33.7330371,-19.0770634



14/02/2024 16:32:41

# FROTCOM<sup>®</sup>

## Video surveillance for evidence

Our comprehensive solution provides support for live video monitoring, real-time GPS tracking, and the ability to capture snapshots based on trigger events or predefined schedules.

## Driver Behavior Monitoring

Event video clips can be uploaded to the central server based on alarm triggers like over speed, non-distraction driving, collision, fuel sensor, product level sensor, panic trigger, etc.

## Redundant system design

The solution includes a fireproof box for backup recording in case of an explosion, as well as a UPS for power backup, ensuring uninterrupted footage capture

## Smart Video Surveillance

Multi channel with built-in AI algorithm to do video analysis and send short alarm video to center when alert trigger



# VIDEO EVIDENCES

## USING A MOBILE PHONE



## WEARING SEATBELT



## USING A MOBILE PHONE



## FATIGUE / YAWNING



**NO SEAT BELT**

**TEXTING**

1217.0533,S,02518.4511,E,021KM/H ACC:ON  
ID: Name: (P)

1913.8722,S,03403.9083,E,046KM/H ACC:ON  
ID: Name: (P)

2024-02-25 01:44:18 BCB9130 CH3

2024-02-14 15:18:01 BCB9130 CH3

**FATIGUE / YAWNING**

**USING A MOBILE PHONE**

1253.9402,S,02819.7210,E,067KM/H ACC:ON  
ID: Name: (P)

1914.4348,S,03402.4144,E,049KM/H ACC:ON  
ID: Name: (P)

2024-02-25 22:39:03

BCB9130 CH3

2024-02-14 15:21:10 BCB9130 CH3

**DISTRACTED**



**NO SEAT BELT**



**FATIGUE / YAWNING**



**CAMERA COVERED**



# Remote Immobilizer



## - **Overview:**

- The Remote Immobilizer feature allows fleet managers or administrators to remotely immobilize vehicles in real-time, using the Naviafri Telematics platform.
- This feature enhances fleet security, reduces theft, and minimizes unauthorized vehicle use.

## - **Key Benefits:**

- Improved fleet security and reduced theft
- Reduced unauthorized vehicle use and misuse
- Enhanced fleet management and control

## - **How it works:**

- The Remote Immobilizer feature uses cellular or satellite communication to send an immobilization command to the vehicle.
- The vehicle's engine is then disabled, and the vehicle cannot be started until the immobilization command is removed.
- Technical Requirements:
  - Compatible with Naviafri Telematics devices and software
  - Requires cellular or satellite connectivity

## CUSTOMER SATISFACTION

Frotcom seek to continuously search the market in order to identify and anticipate the needs of our customers, adapting our offer, increasing the customer's satisfaction and promoting longevity in customer relations.

## SUPPLIER SATISFACTION

Frotcom believe it is important to maintain a healthy relationship with our suppliers, with mutual trust, allowing us to foster relationships which favour the development of business opportunities, in order to ensure continuous improvement on the services we offer.

## EMPLOYEE SATISFACTION

We also promote the personal and professional development of our employees, encouraging their participation in the implementation of actions that aim to improve the Quality, maintaining a work environment suited to the demands of their professional performances.

## BUSINESS MODEL SATISFACTION

Frotcom promote the continuous improvement of the company's processes in order to offer services of greater value for the customer, by monitoring and evaluating our established objectives.



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**THANK YOU**

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*Designed by: Musonda*

