

# VISION

USER GUIDE



# TABLE OF CONTENT

## INTRODUCTION

[WHAT YOU NEED TO USE VISION](#)

## LIVESTREAM

[MAP WEBPAGE](#)

[VISION WEBPAGE](#)

[MOBILE APP](#)

## REQUESTING FOOTAGE

[VISION WEBPAGE](#)

[MOBILE APP](#)

## VIEWING AI EVENTS

[MAP WEBPAGE](#)

[VISION WEBPAGE](#)

[MOBILE APP](#)

## DOWNLOADING FOOTAGE

[VISION WEBPAGE](#)

[MOBILE APP](#)

## VISION REPORTS

[OVERVIEW](#)

[AVAILABLE REPORTS](#)

## DATA MANAGEMENT

[CAMERA STATUS](#)

[LIVE STREAM AND MONTHLY DATA USAGE](#)

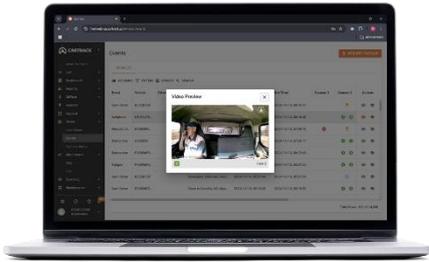
## TOP-UP DATA

## INTRODUCTION

There are two ways that users can stream their fleet footage: Users can stream their camera footage either through the Fleet Web or Mobile App.

### WHAT YOU NEED TO USE VISION

1. PC or laptop with a browser



You can view and download your fleet's footage via a web-based browser connected to the internet.

2. Android or iOS smartphone



You can also view your fleet's footage via our mobile app that connects to the internet. Search “Cartrack GPS, Vehicle & Fleet” on the app store or use the links below.

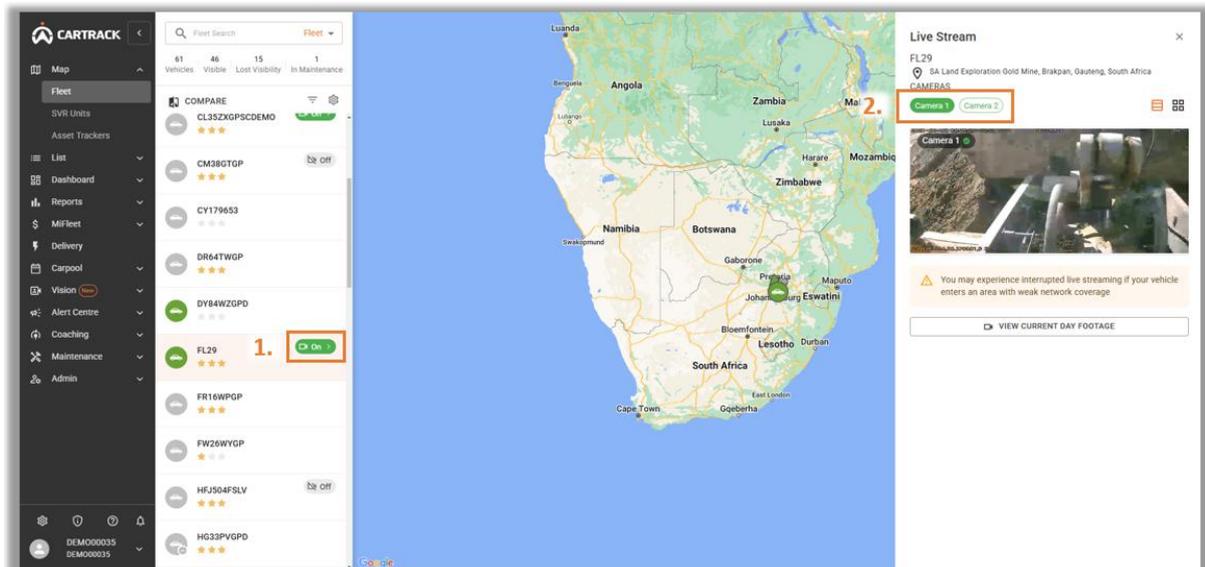
- a. [Apple](#)
- b. [Android](#)

# LIVESTREAM

Livestream allows managers to monitor their drivers' real-time behaviour while on the road, vehicles, and cargo. This enables managers to keep an eye on cargo safety while in transit.

## MAP WEBPAGE

1. Select a vehicle and click on the green “on” icon to live-stream footage.
2. You can choose how many of the cameras you want to view by clicking on the camera options on the right hand.

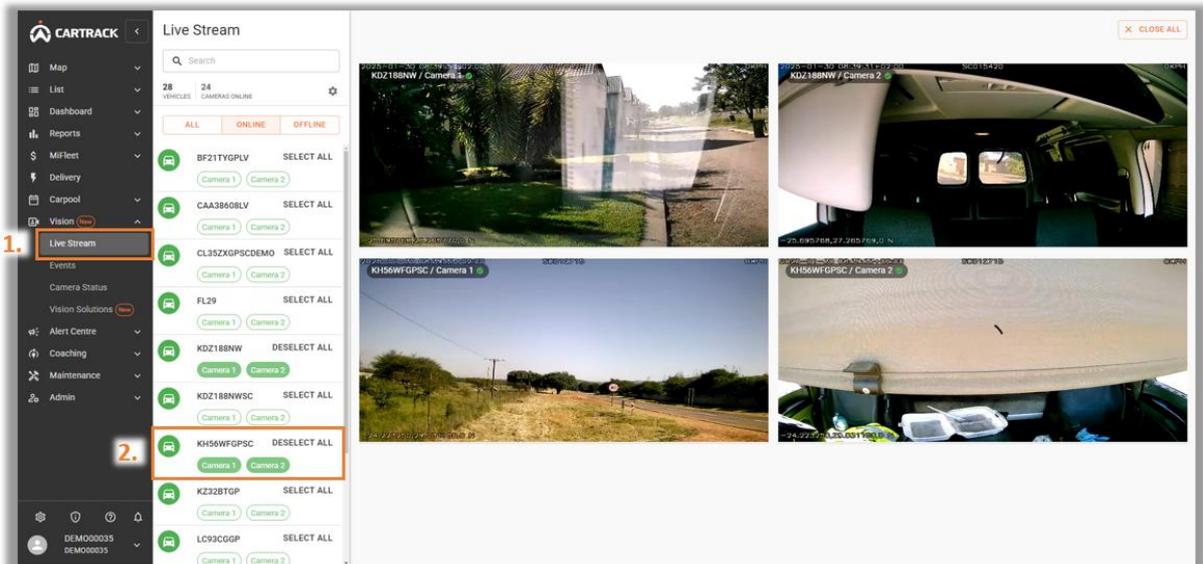


### Note:

*Streaming quality is dependent on internet connectivity. A maximum of 16 cameras can be streamed at any time on the Vision webpage.*

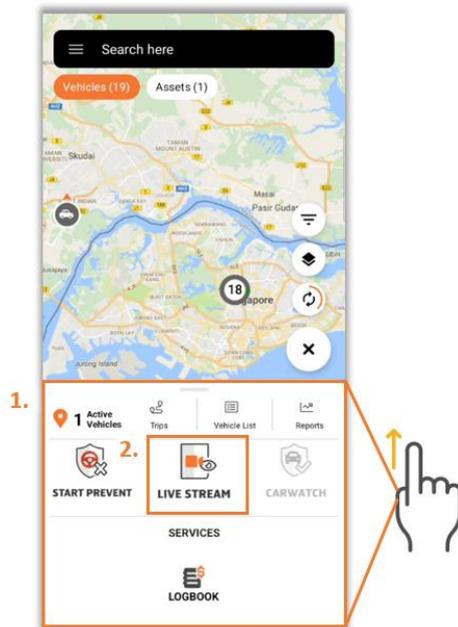
# VISION WEBPAGE

1. Select “**Live Stream**” under Vision.
2. Click on the cameras that you want to view.

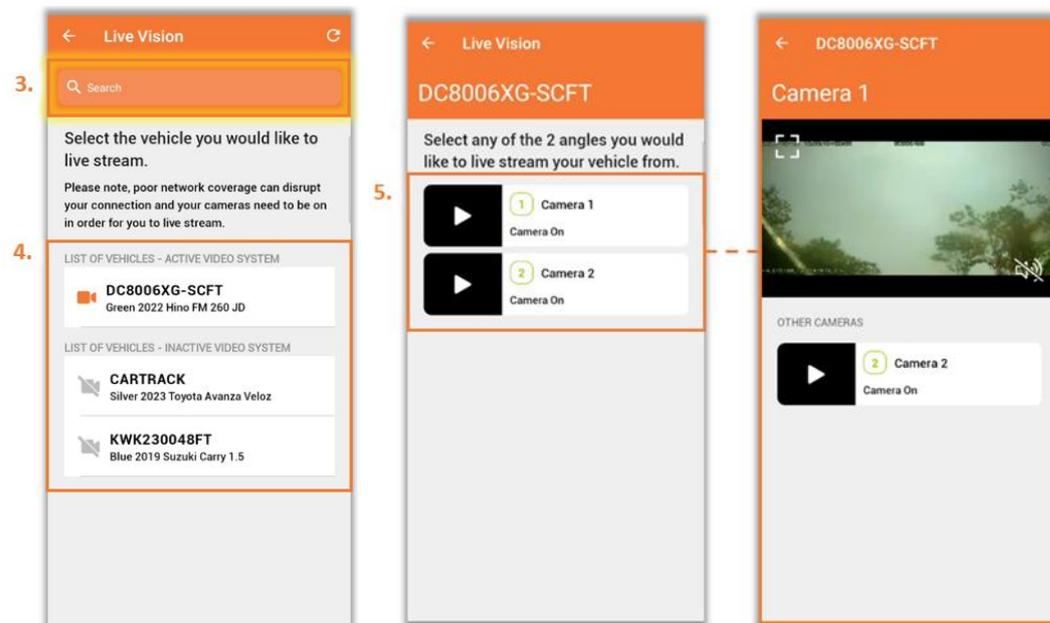


## MOBILE APP

1. Pull the menu bar up to the middle of the screen.
2. Click on the “Live Stream” icon.

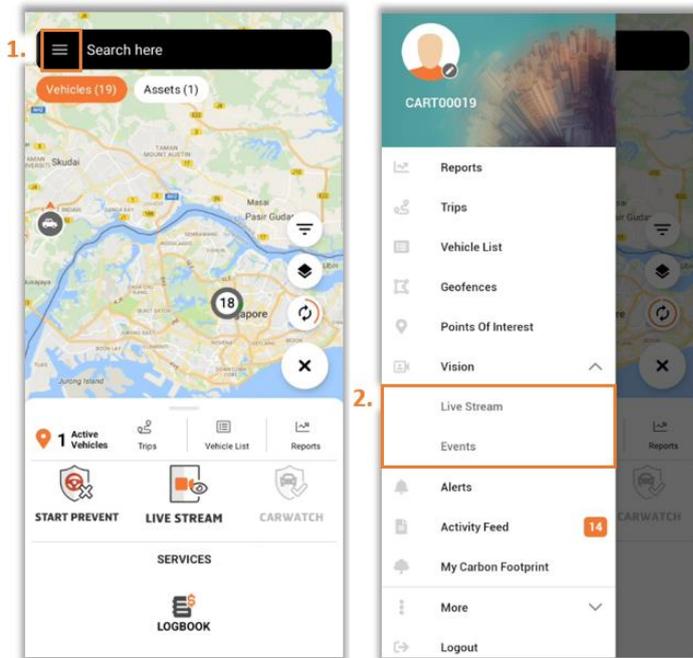


3. Once you've clicked on “Live Stream”, you will see a search bar.
4. You can see which vehicles' footage you can view in real-time.
5. Select the cameras whose footage you want to view.

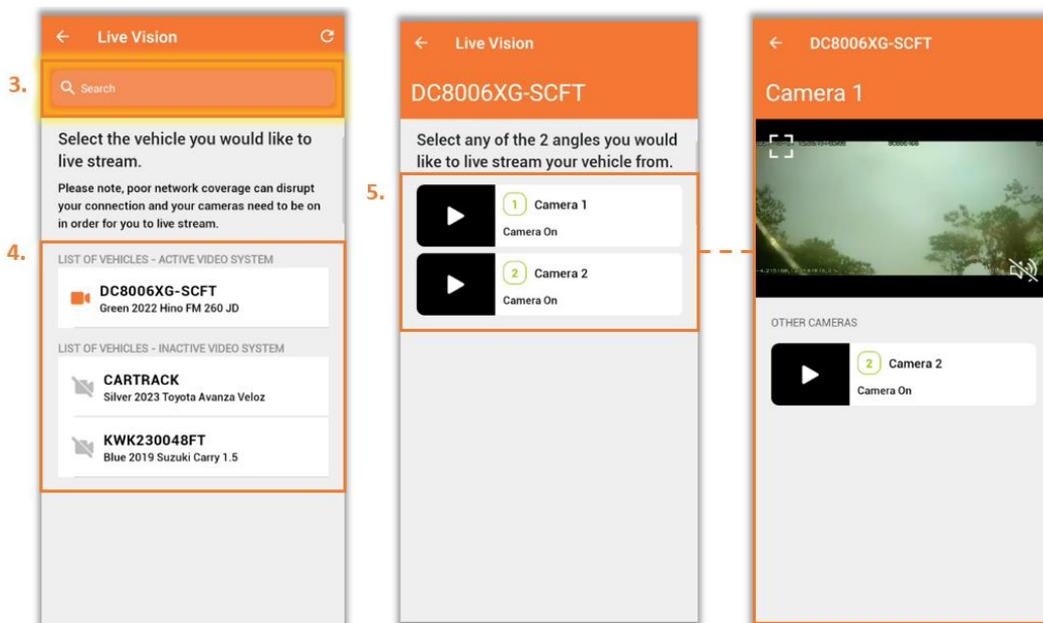


Alternatively, you can also:

1. Click on the three bars at the top left of your screen.
2. And click on **“Vision”** where you’ll be presented with two options:
  - a. **“Live Stream”** and
  - b. **“Events”**



3. Once you’ve clicked on **“Live Stream”**, you will see a search bar.
4. You can see which vehicles’ footage you can view in real-time.
5. Select the camera footage you want to view.

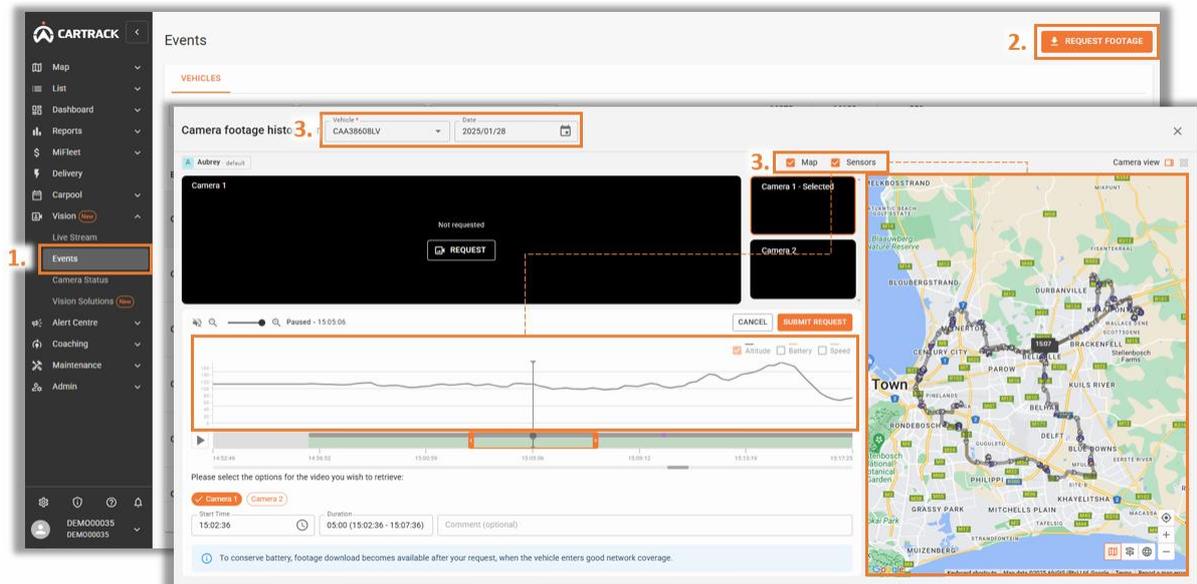


# REQUESTING FOOTAGE

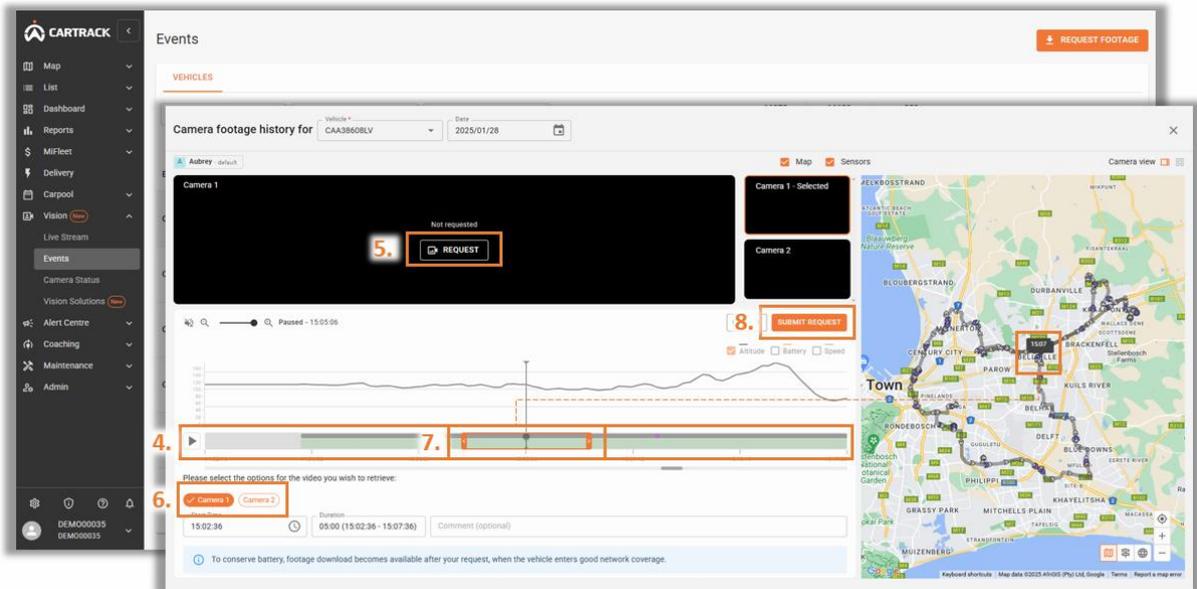
Managers can request up to 5 minutes of footage from a vehicle's cameras for review in case of accidents or emergencies. They can select the desired footage from the available list, which is then uploaded to the webpage. This assists managers in case of an emergency or accident.

## VISION WEBPAGE

1. Select **“Events”** under Vision.
2. At the top right, click on **“Request footage”**.
3. The following window will pop up, where you can choose:
  - **Registration:** Select which vehicle's footage you want to receive from the list of footage.
  - **Date:** What date you want to retrieve the footage from.
  - **Map:** View a mini map of the route for the day.
  - **Sensor:** View all sensor events in a graph that occurred for the day.

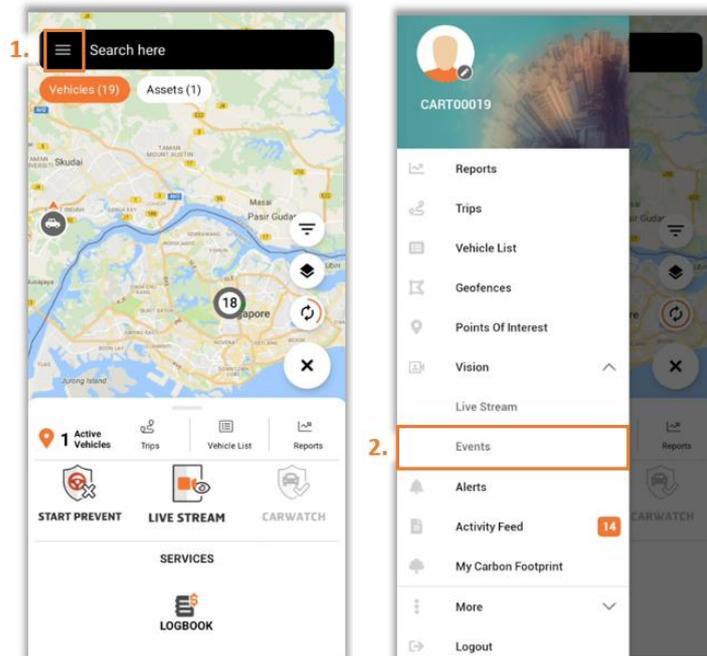


4. Based on the timeline, users can see which period there is footage available for retrieval. Selecting a time on the timeline will also correspond to the location on the Map.
5. Once you have decided on the time, users can select the “Request Footage”.
6. Indicate the camera to retrieve from, as well as the start and duration.
7. Alternatively, users can also click and drag the slider to choose the exact time that you wish to extract the footage.
8. Once done, select “Submit Request”.

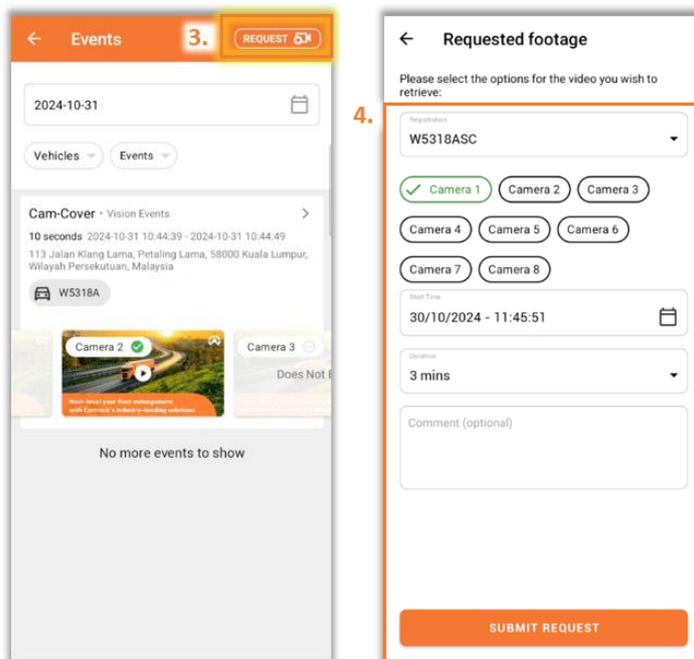


## MOBILE APP

1. At the top left, click on the three lines.
2. Click on **“Events”** under Vision.



3. Click on the **“Request”** icon at the top right.
4. Select the vehicle, cameras, footage time, and footage duration you want to see.



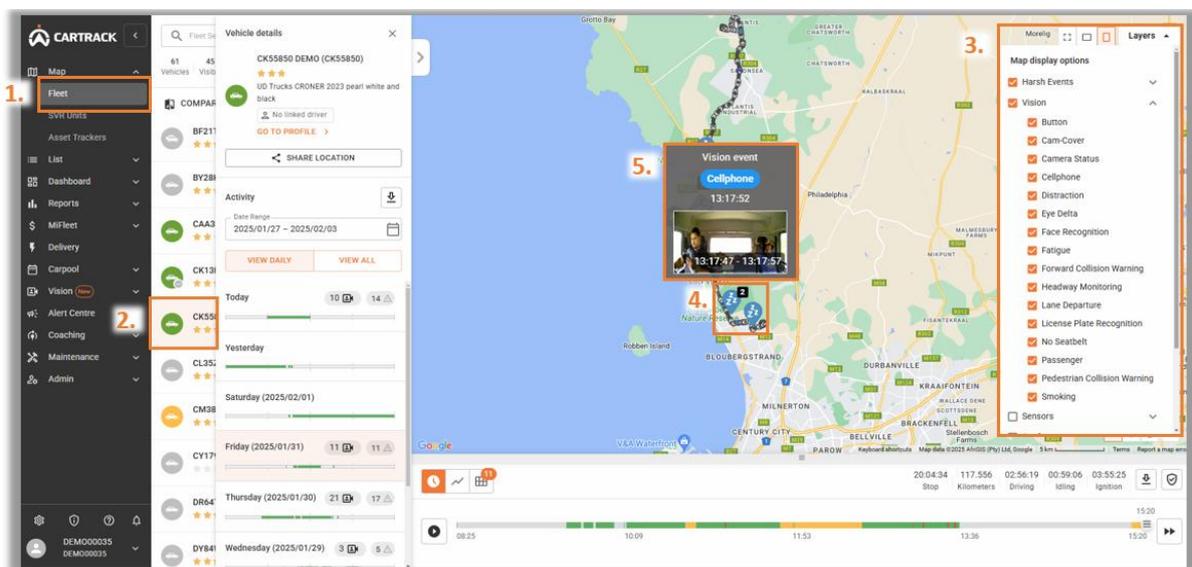
# VIEWING AI EVENTS

AI events are automatically stored on the webpage and include 10-second footage. Users can play or download this footage.

## MAP WEBPAGE

Users are able to view the occurrences of AI events on the Map.

1. Select **"Fleet"** under Map.
2. Search and click on the vehicle that you wish to view the AI events.
3. On the top right, select **"Layers"** and **"Vision"**.
4. This will display all AI events for the selected vehicle on the map.
5. You can view these events by hovering on the AI event icon and clicking on the thumbnail of the AI event.



## VISION WEBPAGE

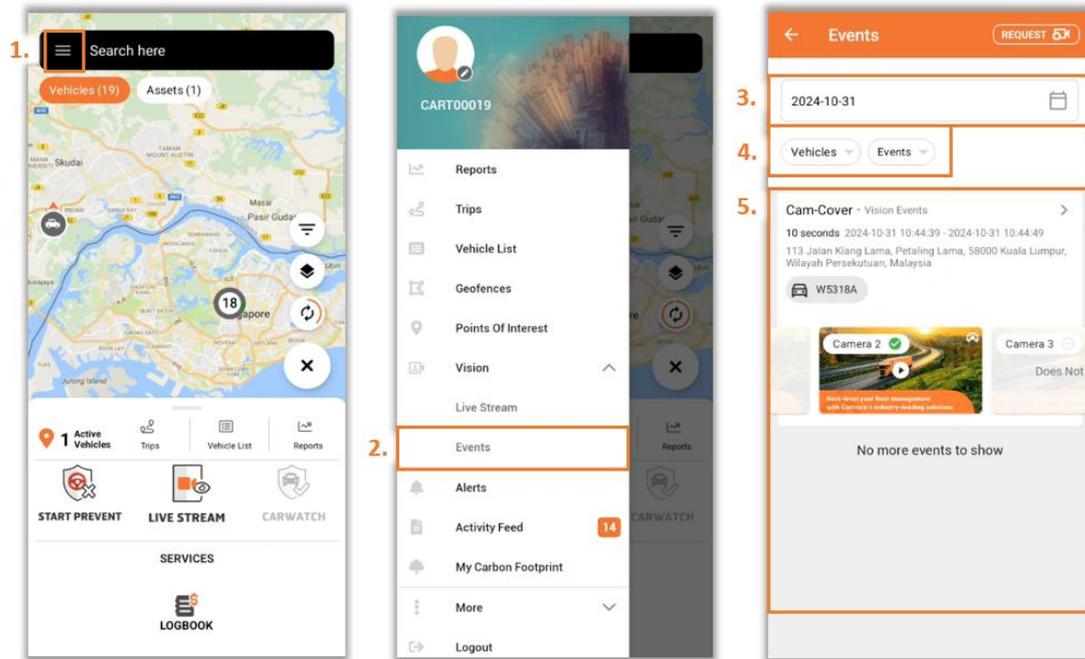
1. Select **“Events”** under Vision.
2. You can see the type of AI events in the first column or you can alternatively,
3. Search for specific events, through **“Date Range”** and **“Event Type”**.

The screenshot displays the CARTRACK VISION Events webpage. The sidebar on the left contains navigation options: Map, List, Dashboard, Reports, MIFleet, Delivery, Carpool, Vision, and Live Stream. The 'Events' option is highlighted with a red box and the number 1. The main content area features a search bar with 'Date Range' and 'Filter event type' filters, and a search icon. A 'LOAD NEW EVENTS' button is also present. The table below lists events with columns for Event, Vehicle, Driver, Location, Video duration, Start / End time, Camera footage, Comment, and Actions. The 'Event' column is highlighted with a red box and the number 2. The search filters are highlighted with a red box and the number 3. The table shows several 'Camera Obstruction' events for various vehicles, including KH56WFGPSC, KDZ188NW, KZ328TGP, and CL3SZXGSPCDE. The 'Camera footage' column contains video thumbnails. The bottom right corner shows '1-25 of 16978'.

Event	Vehicle	Driver	Location	Video duration	Start / End time	Camera footage	Comment	Actions
Camera Obstruction	KH56WFGPSC		Close to Drummondia, N11, Limpopo, South Africa	10 seconds	2025/01/30, 09:14:25 2025/01/30, 09:14:35			
Camera Obstruction	KDZ188NW		Close to Kroondal, Walvis St, North West, South Africa	10 seconds	2025/01/30, 08:50:01 2025/01/30, 08:50:11			
Camera Obstruction	KZ328TGP		M9, Parktown, Johannesburg, Gauteng, South Africa	10 seconds	2025/01/30, 07:43:55 2025/01/30, 07:44:05		Requested to queue to retrieve...	
Camera Obstruction	CL3SZXGSPCDE...		Rooibom Ave, Leachville, Brakpan, Gauteng, South Africa	10 seconds	2025/01/30, 07:18:35 2025/01/30, 07:18:45			
Cell Phone	KH56WFGPSC		Close to Matome, R518, Limpopo, South Africa	10 seconds	2025/01/30, 06:55:52 2025/01/30, 06:56:02			
Camera Obstruction	KH56WFGPSC		Close to Mogodi, R518, Limpopo, South Africa	10 seconds	2025/01/30, 06:36:50 2025/01/30, 06:37:00			

## MOBILE APP

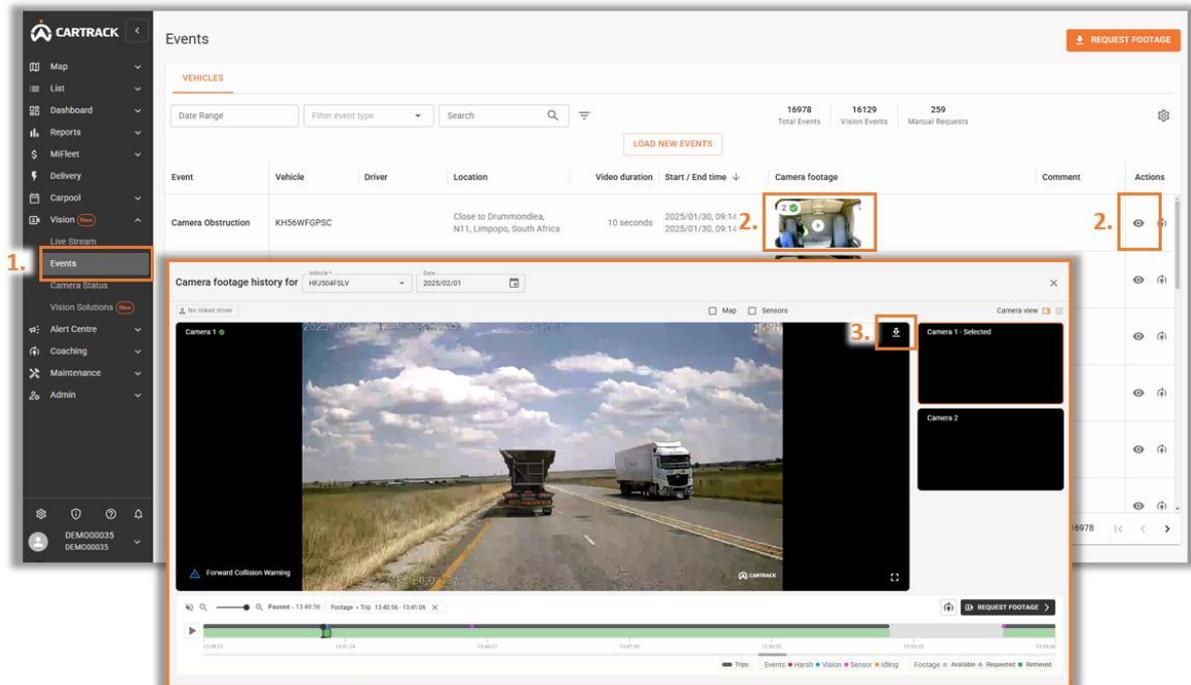
1. At the top left, click on the three lines.
2. Click on “**Events**” under Vision.
3. Select the footage date you want to view.
4. Select the vehicle and the event you want to view.
5. See the event type and event footage.



# DOWNLOADING FOOTAGE

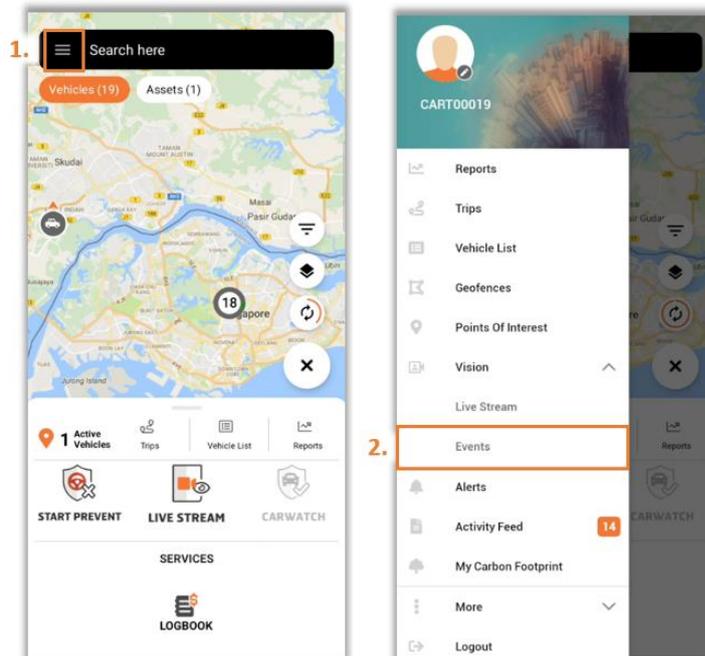
## VISION WEBPAGE

1. Select “**Events**” under Vision.
2. Click on the camera footage or “📹” icon.
3. Through the camera footage history page, you can click on the “⬇️” icon to download the footage to your local drive.

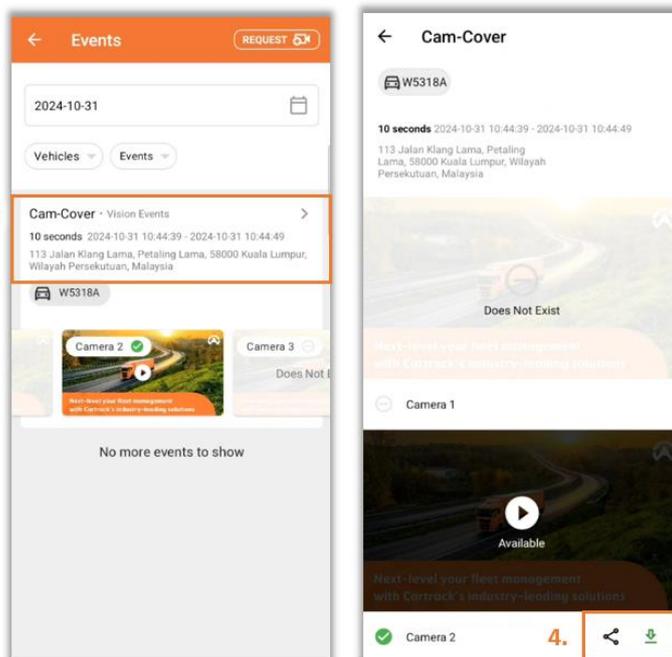


## MOBILE APP

1. At the top left, click on the three lines.
2. Click on “Events” under Vision.



3. Select the event that you want to send or download.
4. At the bottom of the screen, you can choose to share or download the footage.

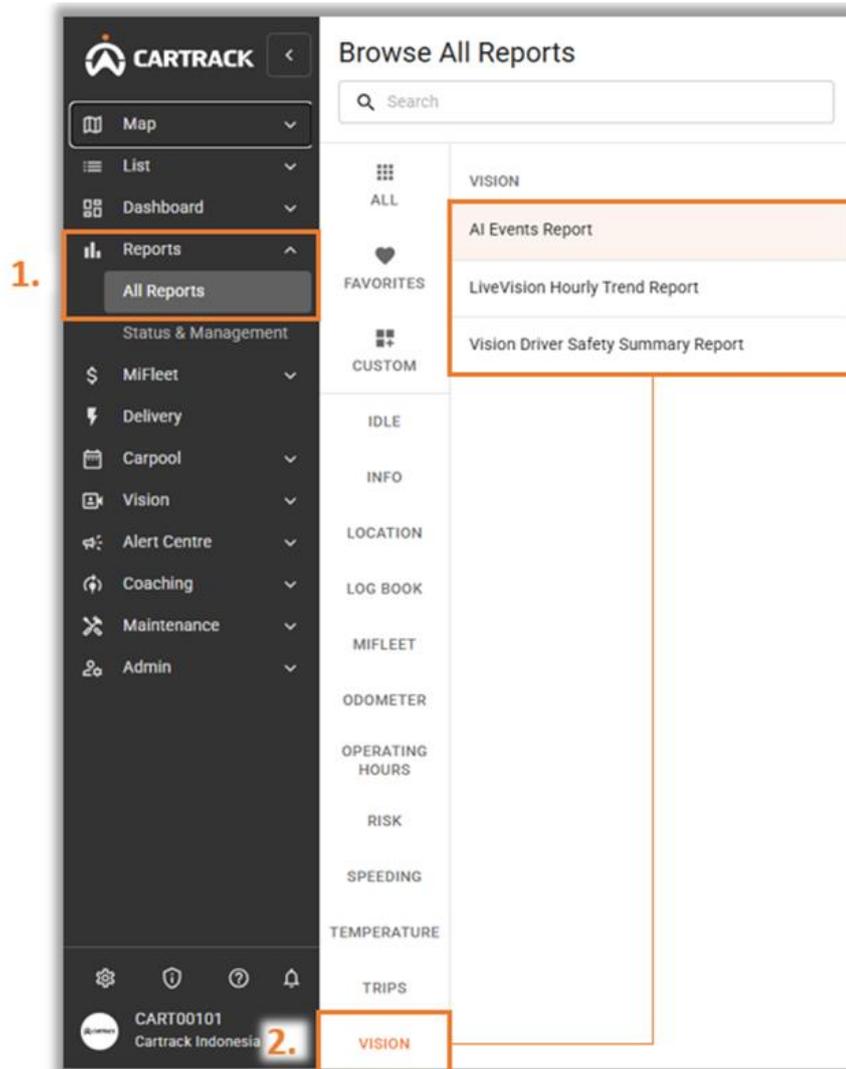


# VISION REPORTS

Our Vision solutions are equipped with reports that will help managers to identify issues within their fleet.

## OVERVIEW

1. Select **“Reports”** and **“All Reports”**.
2. Under the **“Vision”** category, you will be able to see the available reports.



# AVAILABLE REPORTS

## AI Events Report

This report displays all AI events in detail for each vehicle. It shows the type of AI event, when the event happened and where it happened.

Page 1 of 8 Created : 2025-02-06 | By: CART00101

### AI Events Report

Dates 2025-01-01 00:00:00 - 2025-01-31 23:59:59

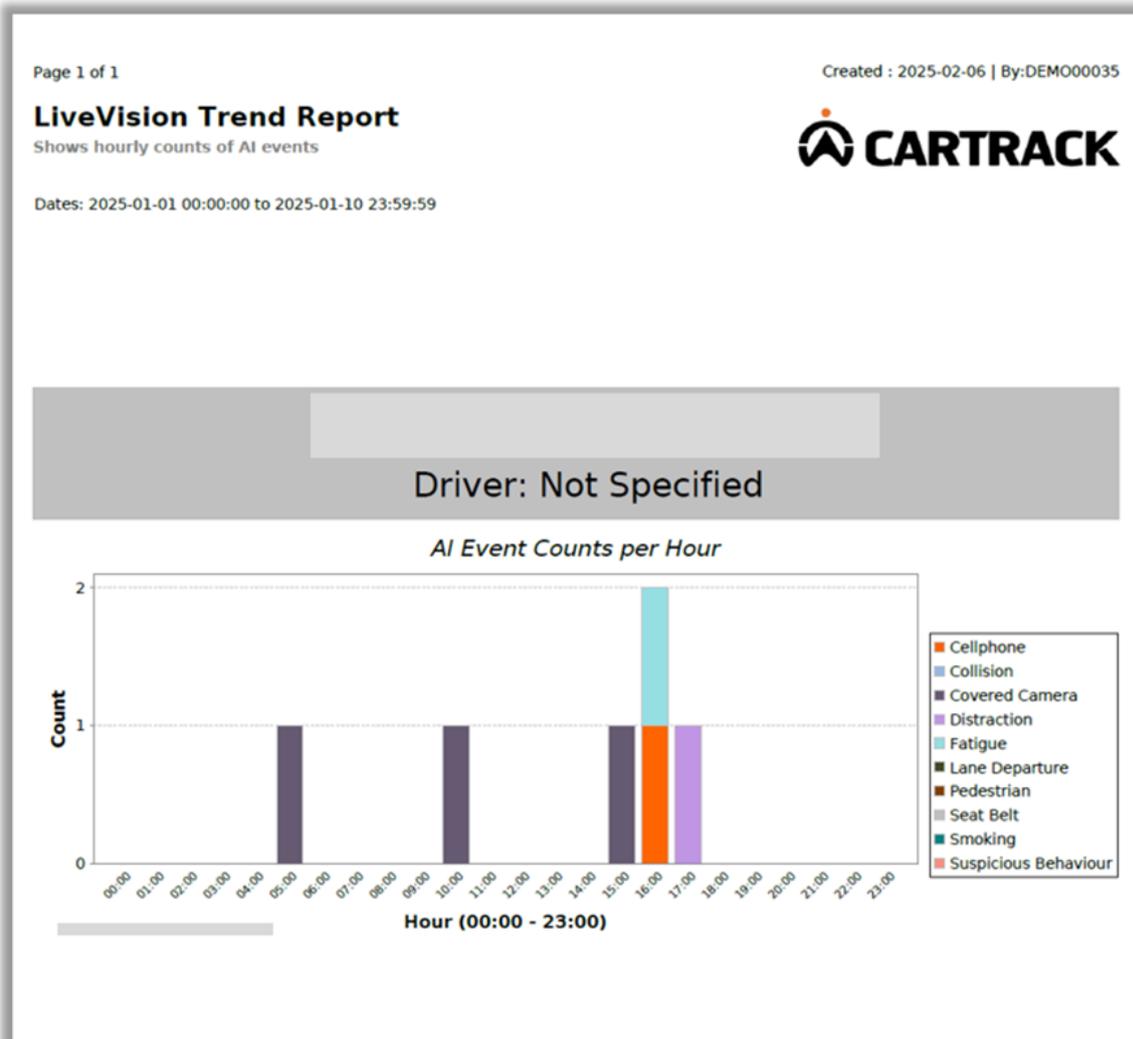


Event Counts	
Covered Camer	41
Cellphone	0
Fatigue	47
Collision Warni	0
Smoking	0
Distraction	2
Seat Belt	18

Registration	Description	Event Date and Time	Event
CARTRACK	Jalan Raya Lembang, Lembang, Bandung Barat, Jawa Barat, Indonesia	1/1/25 12:03:36 AM	Distraction
CARTRACK	Jalan Ciwulang, Cimahi 40531, Indonesia	1/1/25 1:41:44 PM	Covered Camera
CARTRACK	Jalan Padat Karya, Cimahi Selatan, Cimahi, Jawa Barat, Indonesia	1/1/25 1:42:15 PM	Seat Belt
CARTRACK	10, Jalan Veteran, Purwakarta 41151, Indonesia	1/2/25 8:00:23 AM	Covered Camera
CARTRACK	Jalan Raya Campaka, Purwakarta 41181, Indonesia	1/2/25 8:08:56 AM	Fatigue
CARTRACK	Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 12:28:46 PM	Covered Camera
CARTRACK	Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 12:28:59 PM	Seat Belt
CARTRACK	Jalan Raya Cipeundeuy, Subang 41272, Indonesia	1/2/25 12:32:21 PM	Distraction
CARTRACK	Jalan Raya Cipeundeuy, Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 12:43:14 PM	Covered Camera
CARTRACK	Jalan Raya Cipeundeuy, Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 12:43:34 PM	Seat Belt
CARTRACK	Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 1:36:04 PM	Covered Camera
CARTRACK	Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 7:03:12 PM	Covered Camera
CARTRACK	Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 7:03:30 PM	Seat Belt
CARTRACK	Jalan Raya Cipeundeuy, Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 7:06:07 PM	Fatigue
CARTRACK	Jalan Raya Cipinang, Cipeundeuy, Subang, Jawa Barat, Indonesia	1/2/25 7:13:32 PM	Seat Belt
CARTRACK	Jalan Raya Cibatu, Purwakarta 41183, Indonesia	1/2/25 7:17:31 PM	Fatigue
CARTRACK	Jalan Raya Cilandak, Purwakarta 41183, Indonesia	1/2/25 7:23:34 PM	Seat Belt
CARTRACK	Jalan Raya Campaka, Campaka, Purwakarta, Jawa Barat, Indonesia	1/2/25 7:33:34 PM	Seat Belt
CARTRACK	10, Jalan Veteran, Purwakarta 41151, Indonesia	1/3/25 8:56:37 AM	Covered Camera
CARTRACK	Jalan Raya Bungursari, Purwakarta 41182, Indonesia	1/3/25 9:08:12 AM	Fatigue
CARTRACK	Jalan Tol Cikopo Palimanan, Subang 41272, Indonesia	1/3/25 9:21:19 AM	Fatigue
CARTRACK	Jalan Tol Cikopo Palimanan, Subang 41274, Indonesia	1/3/25 9:32:23 AM	Fatigue
CARTRACK	Jalan Tol Cikopo Palimanan, Indramayu 45266, Indonesia	1/3/25 9:43:19 AM	Fatigue
CARTRACK	Jalan Tol Cikopo Palimanan, Indramayu 45266, Indonesia	1/3/25 9:45:25 AM	Fatigue
CARTRACK	Jalan Tol Cikopo Palimanan, Indramayu 45266, Indonesia	1/3/25 9:47:43 AM	Fatigue
CARTRACK	Jalan Tol Cikopo Palimanan, Indramayu 45267, Indonesia	1/3/25 9:51:39 AM	Fatigue
CARTRACK	Jalan Tol Cikopo Palimanan, Indramayu 45267, Indonesia	1/3/25 9:55:26 AM	Fatigue
CARTRACK	Majalengka 45457, Indonesia	1/3/25 10:06:58 AM	Fatigue
CARTRACK	Jalan Fatmawati, Sumedang 45382, Indonesia	1/3/25 10:56:41 AM	Covered Camera
CARTRACK	Jatigede, Sumedang, Jawa Barat, Indonesia	1/3/25 12:06:52 PM	Covered Camera

# Live Vision Hourly Trend Report

This report shows information about driver's AI event count on a per hour basis.



# Vision Driver Safety Summary Report

A report showing AI Vision safety and telemetry harsh driving events per driver.

Page 1 of 15 Created : 2025-02-04

## Vision Driver Safety Summary Report

A report showing AI Vision Safety and Telemetry Harsh Driving risk events per driver (or vehicle when driver data is not present)

Date: 2025-01-17 00:00:00 - 2025-01-17 23:59:59

Best Worst

Driver	Distance in Period (Km)	Trip Duration in Period	Days with Activity	AI Events										Harsh Driving Events							Total Events	Total Events per 100Km
				Cellphone	Collision	Covered Cam	Distraction	Fatigue	Lane Departure	Passenger	Seat Belt	Smoking	Total AI Events	AI Events per 100Km	Accelerating	Braking	Cornering	Speeding	Driving Events	Total Harsh Driving Events		
336	6:13:45	1	0	0	2	0	1	0	0	0	0	0	3	5.90	1	2	4	0	7	2.08	10	2.91
43	3:53:53	1	0	0	0	0	1	0	0	0	0	0	1	2.33	0	1	5	0	6	33.65	7	16.29
146	7:39:10	1	0	0	2	0	0	0	0	0	0	0	2	1.37	0	0	1	0	1	0.55	3	2.55
60	3:56:14	1	0	0	1	0	0	0	0	0	0	0	1	1.67	0	0	16	0	16	26.67	17	26.34
2	0:26:14	1	0	0	1	0	0	0	0	0	0	0	1	50.00	0	0	1	0	1	50.00	2	100.00
49	1:51:35	1	0	0	2	0	0	0	0	0	0	0	2	4.08	0	0	0	0	0	0.00	2	4.08
34	4:44:58	1	0	0	1	0	0	0	0	0	0	0	1	2.94	0	0	1	0	1	2.94	2	5.88
150	6:57:57	1	0	0	8	0	0	0	0	0	0	0	8	5.13	0	0	0	0	0	0.00	8	6.13
9	0:47:39	1	0	0	3	0	0	0	0	0	0	0	3	33.33	0	0	0	0	0	0.00	3	33.33
28	2:22:48	1	2	0	0	0	10	0	0	0	0	0	12	42.86	0	0	3	0	3	10.71	15	53.57
117	2:43:34	1	0	0	1	0	0	0	0	0	0	0	1	0.85	0	0	0	0	0	0.00	1	0.85
37	1:14:25	1	0	0	0	0	1	0	0	0	0	0	1	2.70	1	1	11	0	13	35.14	14	37.84
65	2:26:35	1	0	0	2	0	0	0	0	0	0	0	2	3.06	0	0	0	0	0	0.00	2	3.06
97	1:22:35	1	0	0	0	0	4	0	0	0	0	0	4	4.12	0	0	1	0	1	1.03	5	6.15
18	4:01:39	1	0	0	7	0	0	0	0	0	0	0	7	38.89	2	2	3	0	7	38.89	14	77.78
37	1:36:51	1	0	0	0	0	1	0	0	0	0	0	1	2.70	0	0	2	0	2	5.41	3	6.11
5	2:06:25	1	0	0	1	0	0	0	0	0	0	0	1	20.00	0	0	0	0	0	0.00	1	20.00
108	8:51:49	1	0	0	7	0	0	0	0	0	0	0	7	6.48	0	0	49	0	49	45.37	56	51.85
0	0:17:19	1	0	0	1	0	0	0	0	0	0	0	1	0.00	0	0	0	0	0	0.00	1	0.00
29	1:53:13	1	0	0	3	0	0	0	0	0	0	0	3	10.34	0	0	0	0	0	0.00	3	10.34
18	2:22:28	1	0	0	2	0	0	0	0	0	0	0	2	11.11	1	0	2	0	3	16.67	5	27.78
4	0:23:40	1	0	0	1	0	0	0	0	0	0	0	1	25.00	0	0	0	0	0	0.00	1	25.00
3	0:33:28	1	0	0	1	0	0	0	0	0	0	0	1	33.33	0	1	1	0	2	66.67	3	100.00
58	1:52:08	1	0	0	1	0	0	0	0	0	0	0	1	1.72	0	2	0	0	2	3.45	3	6.11
28	2:34:54	1	0	0	2	0	1	0	0	0	0	0	3	10.71	0	0	0	0	0	0.00	3	10.71
46	2:47:19	1	0	0	1	0	0	0	0	0	0	0	1	2.17	0	0	8	0	8	17.39	9	19.56
12	1:12:14	1	0	0	1	0	0	0	0	0	0	0	1	6.33	0	0	1	0	1	6.33	2	16.65
172	3:47:38	1	0	0	1	0	0	0	0	0	0	0	1	0.58	0	1	4	0	5	2.91	6	3.40
17	0:39:55	1	0	0	1	0	0	0	0	0	0	0	1	5.88	0	0	0	0	0	0.00	1	5.88
5	0:38:32	1	0	0	1	0	0	0	0	0	0	0	1	20.00	0	0	0	0	0	0.00	1	20.00
183	3:27:14	1	1	0	0	0	0	0	0	0	0	0	1	0.65	0	0	3	0	3	1.64	4	2.19
70	1:56:59	1	2	0	0	0	0	0	0	0	0	0	2	2.86	0	0	0	0	0	0.00	2	2.86
45	4:02:11	1	0	0	3	0	1	0	0	0	0	0	4	8.89	0	0	0	0	0	0.00	4	8.89
194	6:21:59	1	2	0	0	0	4	0	0	0	0	0	6	3.09	2	3	2	0	7	3.61	13	6.70
27	1:47:17	1	4	0	2	0	16	0	0	0	0	0	22	81.48	0	0	0	0	0	0.00	22	81.48
117	4:16:05	1	0	0	1	0	0	0	0	0	0	0	1	0.85	0	0	3	0	3	2.56	4	3.41
26	1:14:58	1	0	0	1	0	0	0	0	0	0	0	1	3.85	0	0	0	0	0	0.00	1	3.85
77	3:40:54	1	0	0	1	0	0	0	0	0	0	0	1	1.90	0	4	3	0	7	9.09	8	10.39
45	0:52:17	1	0	0	1	0	0	0	0	0	0	0	1	3.22	0	0	0	0	0	0.00	1	3.22
3	0:19:00	1	0	0	1	0	0	0	0	0	0	0	1	33.33	0	0	0	0	0	0.00	1	33.33
65	2:29:18	1	0	0	1	0	0	0	0	0	0	0	1	1.64	0	0	0	0	0	0.00	1	1.64

# DATA MANAGEMENT

Data will be consumed when:

- AI events are sent to the webpage,
- Users request for footage remotely, or
- Users are live streaming.

Data management allows users to check on the camera's health status and monitor the data consumption of the cameras.

## CAMERA STATUS

1. Select **"Camera Status"** under Vision.
2. View **"Health Status"** of the camera.
3. Check **"Last Download"** to see the most recent time the footage was downloaded.
4. To view whether the most recent download was successful navigate to **"Last Download Status"**.
  - **Pending:** Footage currently being downloaded.
  - **No Data Available:** There is no footage to retrieve during that period.
  - **Successful:** Footage is successfully downloaded into the webpage.

Vehicle	Last Online	Health Status	Last Download	Last Download Status	Live Stream Dat...	Events Data Usa...	Total Data Usage
KG03GPGP	2024/10/30 10:...	Operational	2024/10/24 06:...	✓	0 MB	0 MB	0 MB / 0 %
KG03GPGPLV	2024/10/30 10:...	Operational					147.88 MB / 7.22 %
DY70SCGP	2024/01/22 09:...	Operational	2023/06/28 20:...	✓			0 MB / 0 %
DY70SCGPLV	2023/10/25 14:...	Operational					0 MB / 0 %
KN78HWGPLV	2024/02/02 17:...	Operational	2024/02/02 17:...	✗			0 MB / 0 %
KZ32BTGPLV	2024/10/28 17:...	Operational					944.26 MB / 46.11 %
KZ32BTGP	2024/10/30 10:...	Operational	2024/10/28 07:...	✓			0 MB / 0 %

## LIVE STREAM AND MONTHLY DATA USAGE

1. Select “**Camera Status**” under Vision.
2. View the “**Live Stream Data Usage (MB)**” column to see how much data a specific vehicle’s cameras use.
3. View the “**Total Data Usage**” column to see how much of the monthly available data remains.
4. View “**Monthly Total Data Usage**” to see how much of your overall monthly data has been used or how much is still available.

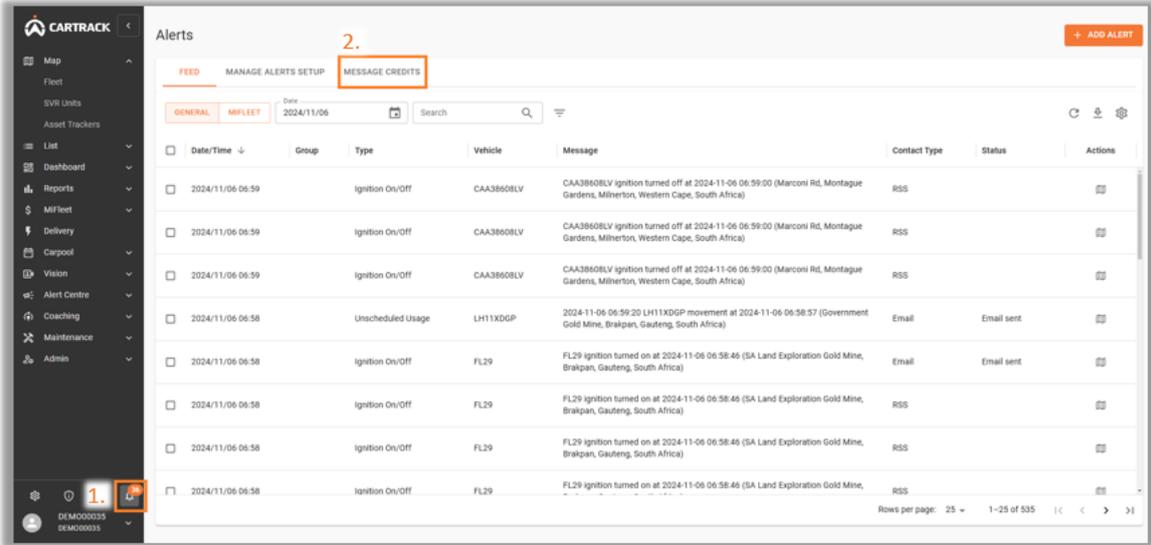
The screenshot displays the CARTRACK interface. On the left is a navigation sidebar with 'Camera Status' highlighted. The main area shows a table of vehicle data. Callouts are used to highlight specific features: 1. 'Camera Status' in the sidebar; 2. 'Live Stream Data Usage (MB)' column header; 3. 'Total Data Usage' column header; 4. 'MONTHLY TOTAL DATA USAGE' summary box. A detailed view of the 'Live Stream Data Usage (MB)' column shows a list of values including 0 MB, 144.98 MB, and 795.33 MB. A detailed view of the 'Total Data Usage' column shows progress bars and percentages for various vehicles, with a summary of 944.26 MB / 46.11 %.

Vehicle	Last Online	Health Status	Last Download	Last Down...	Live Stream Data Usage (MB)	Events Data	Total Data Usage
KG03GPGP	2024/10/30 10...	Operational	2024/10/24 06...	✓	0 MB	0 MB	0 MB / 0 %
KG03GPGPLV	2024/10/30 10...	Operational	-	-	144.98 MB	2.9 MB	147.88 MB / 7.22 %
DY70SCGP	2024/01/22 09...	Operational	2023/06/28 20...	✗	0 MB	0 MB	0 MB / 0 %
DY70SCGPLV	2023/10/25 14...	Operational	-	-	0 MB	0 MB	0 MB / 0 %
KN78HWGPLV	2024/02/02 17...	Operational	2024/02/02 17...	✓	0 MB	0 MB	0 MB / 0 %
KZ32BTGPLV	2024/10/28 17...	Operational	-	-	144.98 MB	0.92 MB	147.88 MB / 7.22 %
KZ32BTGP	2024/10/30 10...	Operational	2024/10/28 07...	✓	0 MB	0 MB	0 MB / 0 %

# TOP-UP DATA

When an account's data is depleted, you can purchase additional data through the webpage.

1. Click on the “” icon at the bottom of your screen to navigate to the alerts page.
2. Select the “**Message Credits**” tab.



3. You can purchase more credits by selecting “**Buy More**”.

