



RIDERDOME

WE KEEP RIDERS SAFE

**Rider Dome For
Emergency Services**





**Rider Dome is a safety solution
for motorcycles fleets powered
by innovative AI technology**



Why Emergency Services Use Rider Dome?

Rider Dome provides a vital tool for efficient motorcycle fleet safety management, reducing injuries and driving substantial cost savings.

- Cutting repair and rehab costs for disabled vehicles
- Minimizing fleet downtime from accidents and malfunctions
- Lowering insurance expenses
- Reducing claims processing and fines
- Boosting rider and environmental safety while reducing harm
- Delivering significant fleet operating cost reductions, enhancing bikes availability, and overall safety





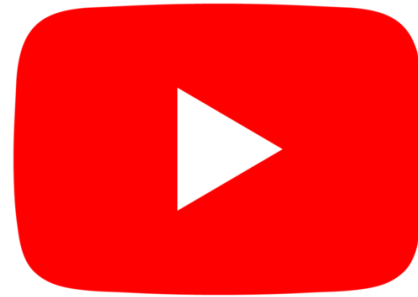
About The System

The system consists of real-time alert unit on the motorcycle that includes two cameras (front and rear), a rider alert unit mounted on the mirror arms (right and left), and a processing unit.

Additionally, the system is equipped with a central cloud-based control and monitoring unit, responsible for monitoring the proper functioning of the installed systems and examining their performance, as well as a Fleet Safety Monitoring Platform for the motorcycle fleet management.



Rider Dome Video



https://youtu.be/PULrI4pH6wo?si=zs12UPjK0v_9rlct



Rider Dome Holistic Solution



Riding Assistance

Real-time alerts to riders



Front
Collision



Safe
Distance



Blind
Spot



Dangerous
Overtaking

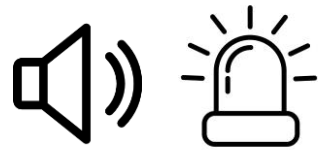


Fleet Monitoring Platform

Real-time data fleet managers need to monitor, track and measure fleet safety



Uses light and sound indicators to alert the rider about critical threats.



Rider Dome Components



Cameras

Wide angle cameras both in the front and in the rear



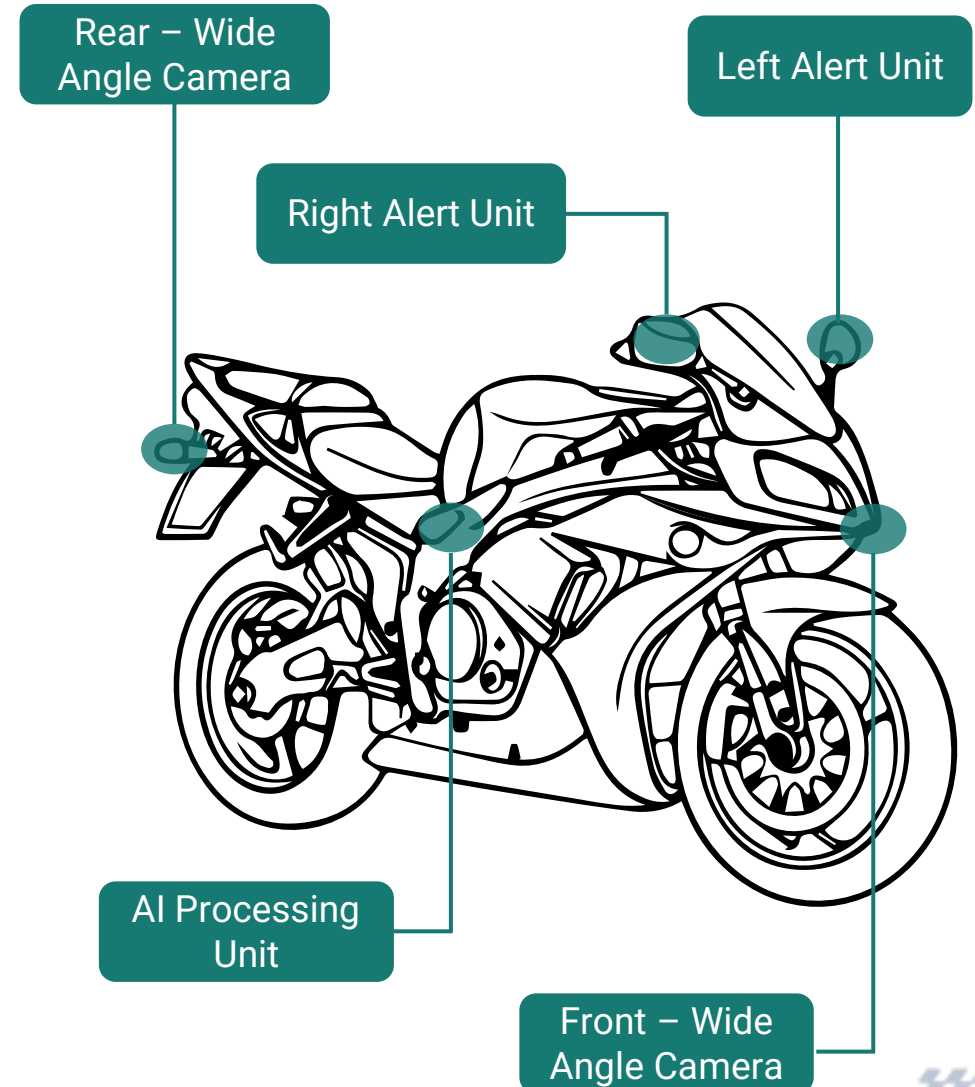
AI Processing Unit (APU)

Analyzes video data, identifies potential threats, and notifies the rider accordingly



Rider Alert Unit (RAU)

Mounted on the motorcycle mirrors stem

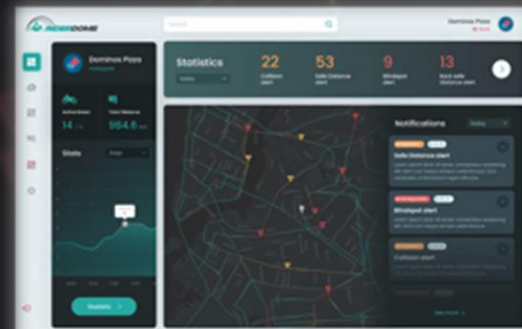


Fleet Monitoring Platform

The platform collects and consolidates fleet managers' necessary data in real-time to monitor, track, and measure fleet safety .

- > Data & Analytics
- > Continuous video footage is captured by the bike cameras
- > Real-Time telematic information
- > Riders' safety scoring
- > Urban safety 'heatmap'

and more..



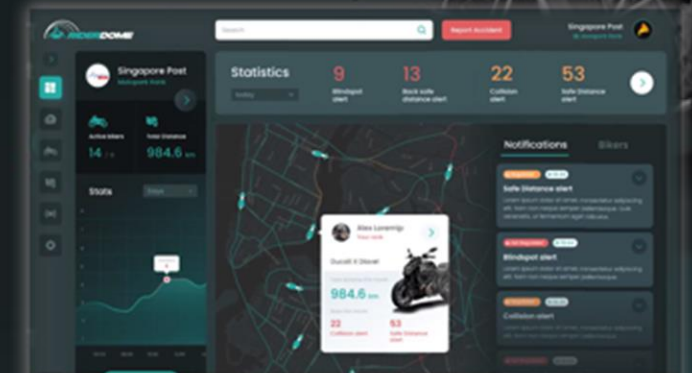
Social media



Total stats

Type bike

Ducati X Diavel



22 alert

9 alert

53 Safe Distance alert

13 Back safe distance alert

Riders Safety Profile

Riders


Total **15** Active **0** Inactive **15** In Repair **0**

[Add New Rider](#)

Rider	Rider Score	Collision alerts score	Safe Distance alerts score	Overspeeding alerts score	Lane change alerts score	Harsh Braking alerts score	Harsh acceleration alerts score	Average speed	Fetch Alert Videos
Rider 13 Offline	★★★★★	1/5	2/5	4/5	5/5	5/5	5/5	4 Km/h	410 Alerts
Rider 14 Offline	★★★★★★	5/5	5/5	5/5	5/5	5/5	5/5	14 Km/h	50 Alerts
Rider 15 Offline	★★★★★	3/5	1/5	2/5	5/5	5/5	5/5	27 Km/h	19 Alerts
Rider 2 Offline	★★★★★	4/5	3/5	3/5	5/5	5/5	5/5	46 Km/h	11 Alerts
Rider 3 Offline	★★★★★	3/5	3/5	2/5	5/5	5/5	5/5	39 Km/h	358 Alerts

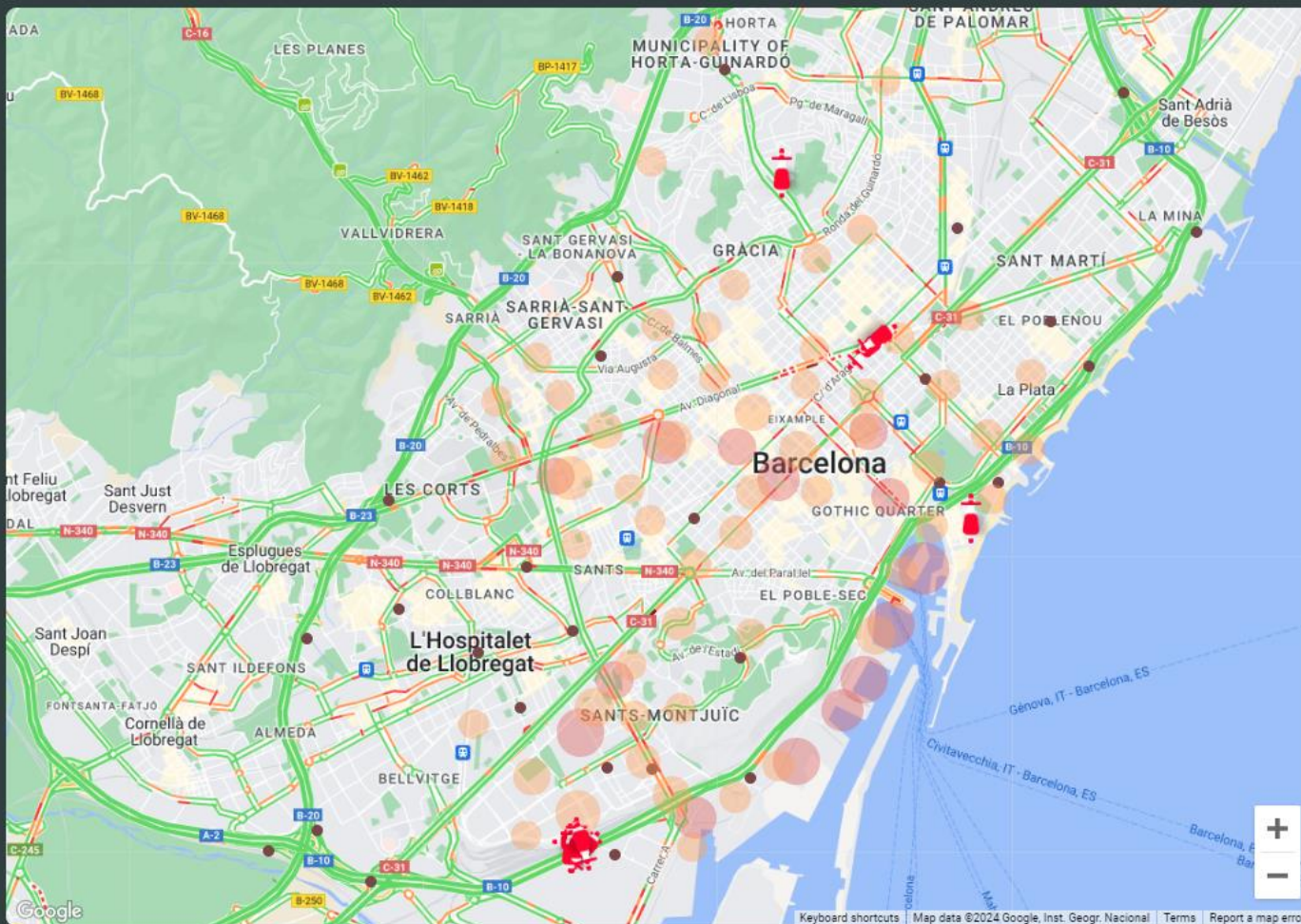
Heatmap Of Dangerous Areas

Search Rider Name, Riderdome Unit ID or Bike License...

Aravinc 

Map

Total 15 Active 0 Inactive 15 In Repair 0



- Bikes
- Accidents
- Alerts
 - Collision alert
 - Safe distance alert
 - Overspeeding alert

from 07/02/202 to 08/03/202

from 07/02/202 to 08/03/202

Reports

Generate Reports

Start date

03/10/2023



End date

08/03/2024



Generate Reports

Riders Safety Profile

Bikes Safety Profile

Riders Weekly Score


Accidents

Alerts Report

Showing data from 03/10/2023 to 08/03/2024





Export To Excel

Save As PDF

View by: 

Safety Alerts

Behavioural Alerts

 Total alerts  Collision alert  Safe Distance alert  Overspeeding alert

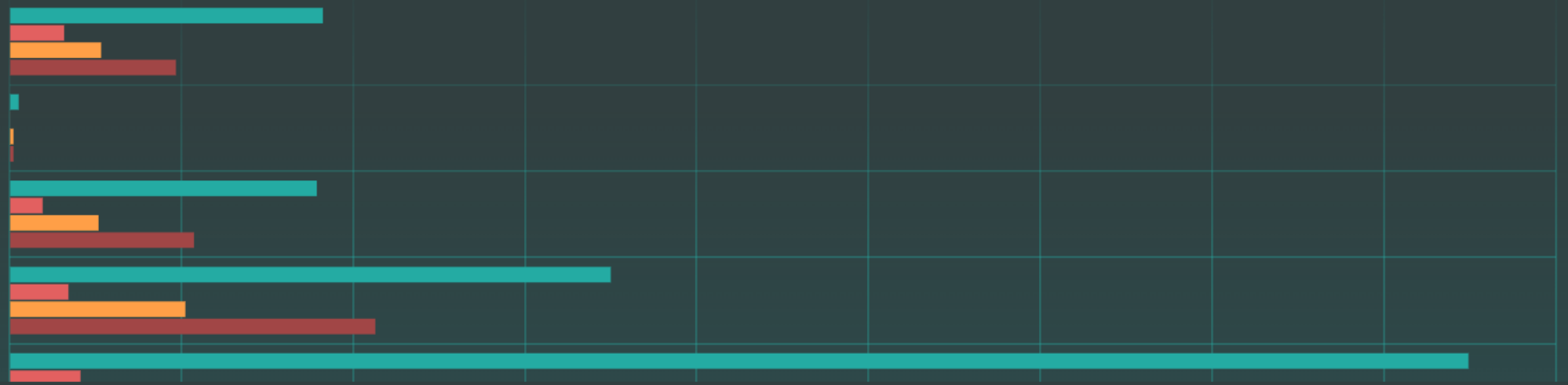
Rider 1

Rider 2

Rider 3

Rider 4

Rider 5



Fleet Statistics

Weekly Rider Score

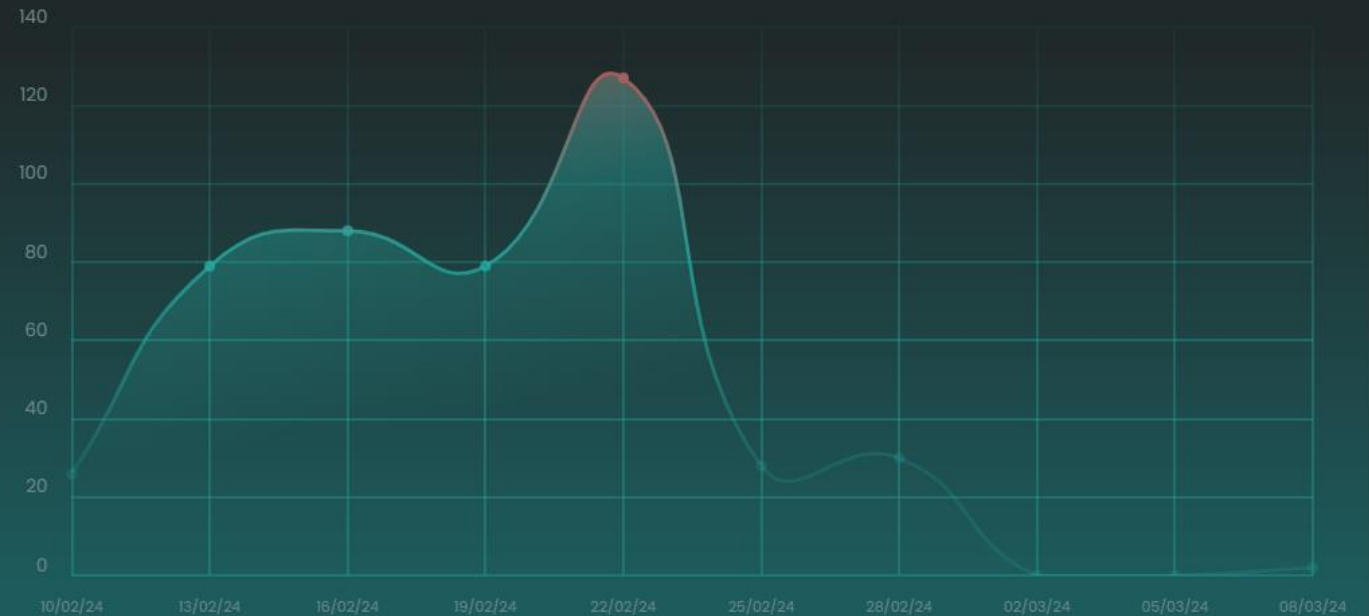
Today Yesterday Weekly Monthly Yearly All Time

11 Collision Alerts

44 Safe Distance Alerts

459 Overspeeding Alerts

Overspeeding Alerts



Bikes

Total **15** Online **0** Offline **15** Repairing **0**

[Add New Bike](#)



Make


Silence

Rider Dome Unit ID

1420422041572

Offline

Riders

 **Rider 4**

License Plate Number

2057LPT

Total distance this month

0.03 km



Make

Silence

Rider Dome Unit ID

1420422039841

Offline

Riders

 **Rider 5**

License Plate Number

2047LPT

Total distance this month

1.27 km



Make

Honda

Rider Dome Unit ID

1420422040212

Offline

Riders

 **Rider 7**

License Plate Number

SRT126M

Total distance this month

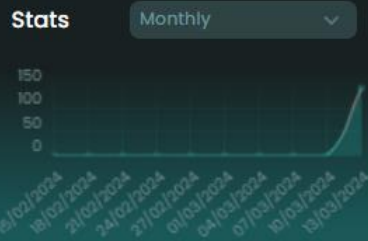
3.22 km





Coca Cola Rica Group

Riders **1** / 10
Daily Alerts **74**



- Riders**
- Rider 1
 - Rider 2
 - Rider 3
 - Rider 4
 - Rider 5

[See More >](#)

Fleet Statistics

today

0

Collision alert

54

Safe Distance alert

20

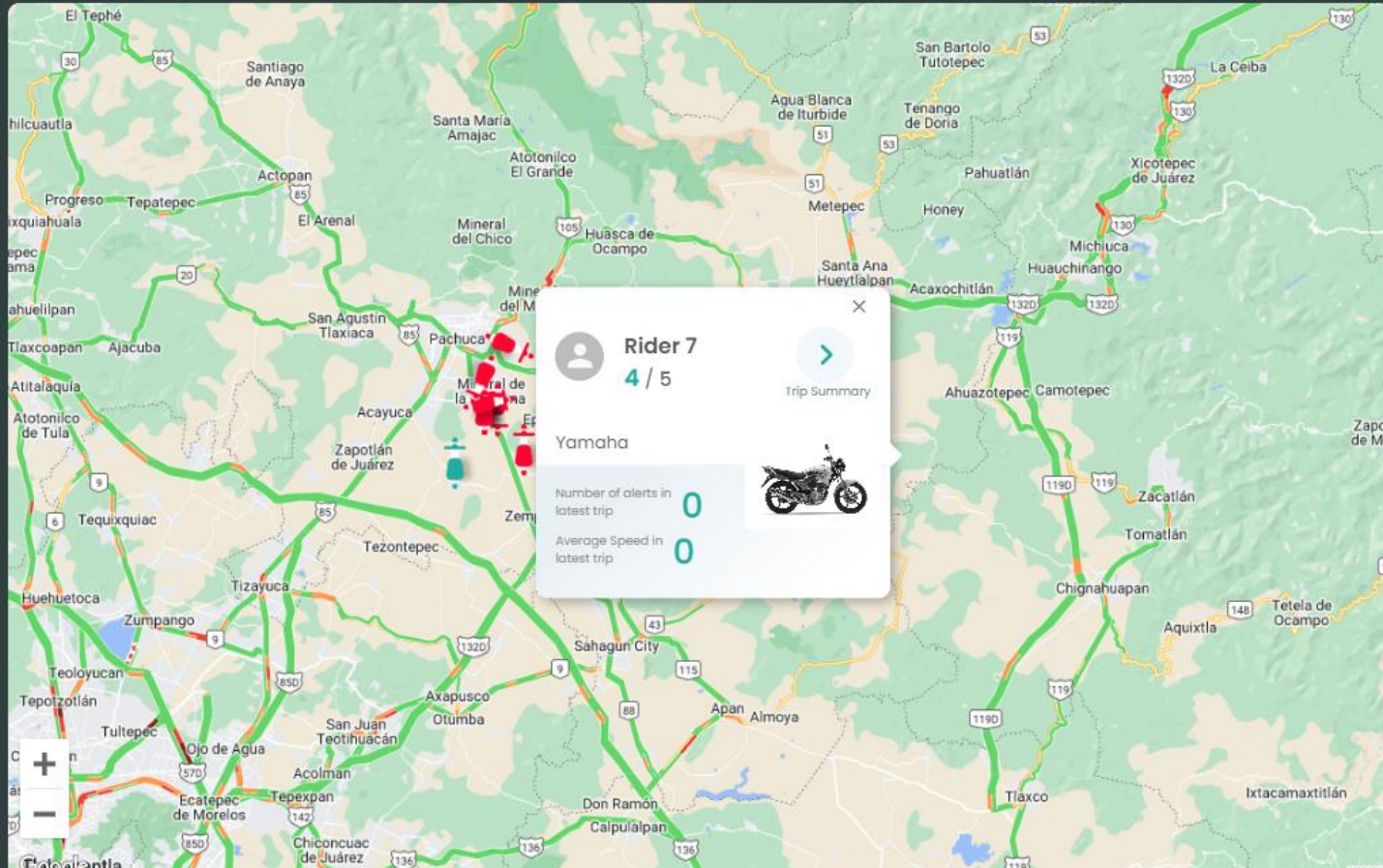
Overspeeding alert

29.08

Average Speed



More Info



Rider 7
4 / 5
Trip Summary

Yamaha

Number of alerts in latest trip: 0
Average Speed in latest trip: 0

Daily Events 13/03/2024

- 18:11** **Departure**
Vehicle: 8705PAC - Rider 7
Address: Calle Mineral de San Juan 18, Mineral del Oro, 43845 Zempoala, Hidalgo, Mexico
- 17:56** **Arrival**
Vehicle: 8705PAC - Rider 7
Address: Calle Mineral de San Juan 18, Mineral del Oro, 43845 Zempoala, Hidalgo, Mexico
- 17:56** **Departure**
Vehicle: 8705PAC - Rider 7
Address: Calle Mineral de San Juan 18, Mineral del Oro, 43845 Zempoala, Hidalgo, Mexico
- 17:52** **Departure**
Vehicle: 8705PAC - Rider 7
Address:







Rider Safety Profile

Unique rider's scores based on predictive risk AI, enables the fleet to encourage safe riding, identify risky riders, and implement preventive measures.



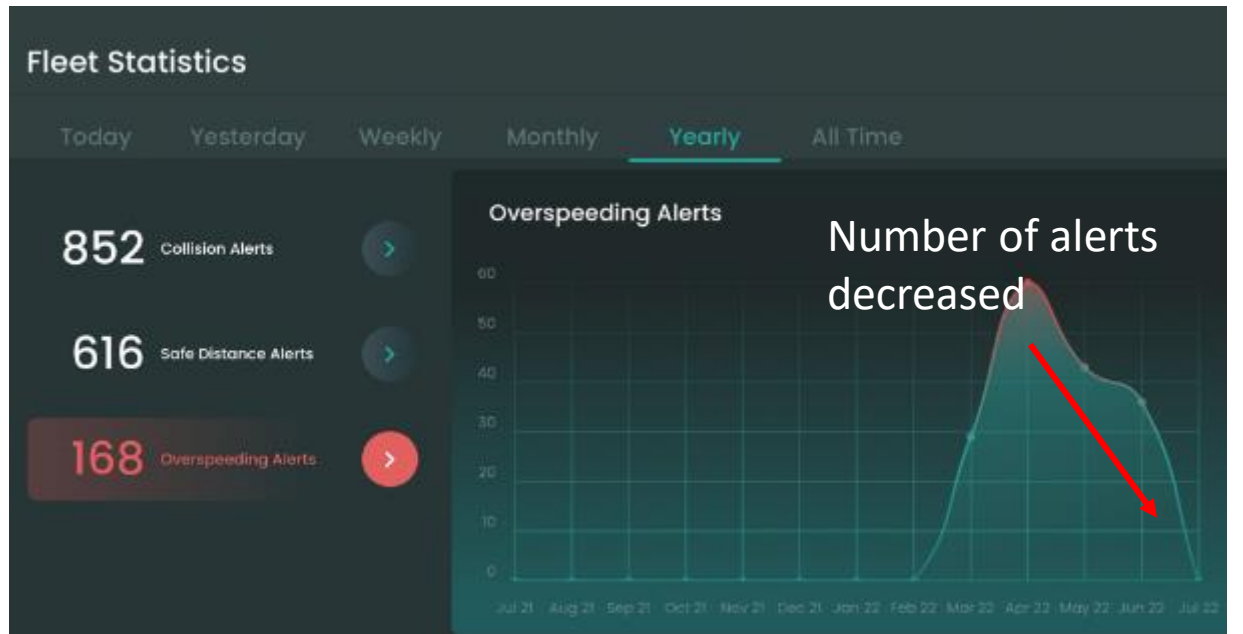
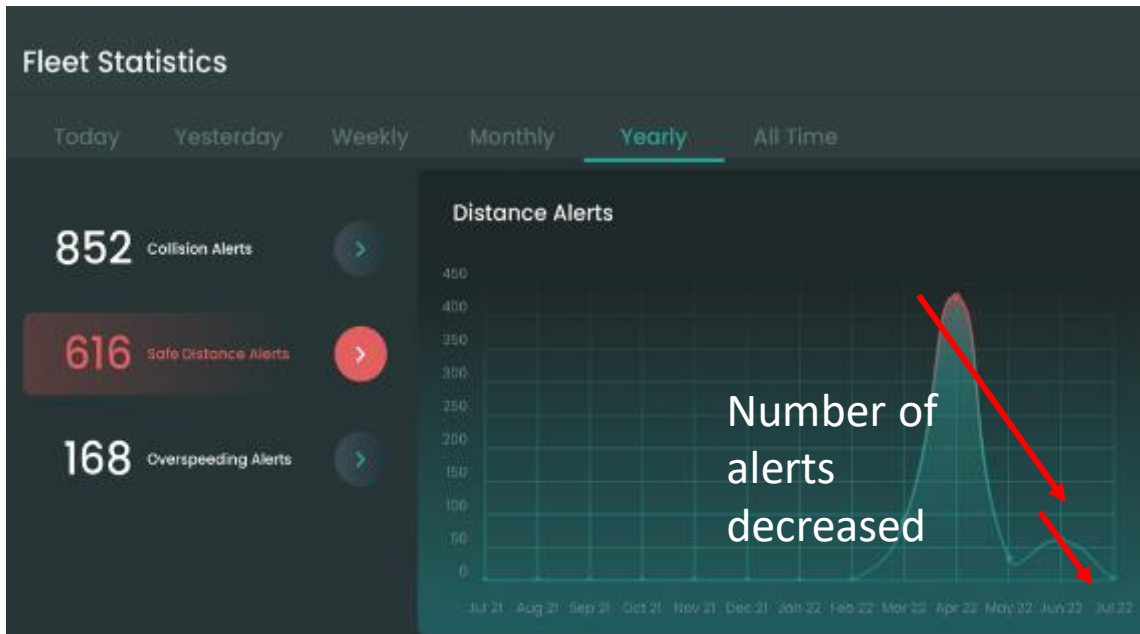
Rider Score
★★★★★

 Speeding 1 2 3 4 5	 Safe Distance 1 2 3 4 5
 Lane Change 1 2 3 4 5	 Collision Alerts 1 2 3 4 5

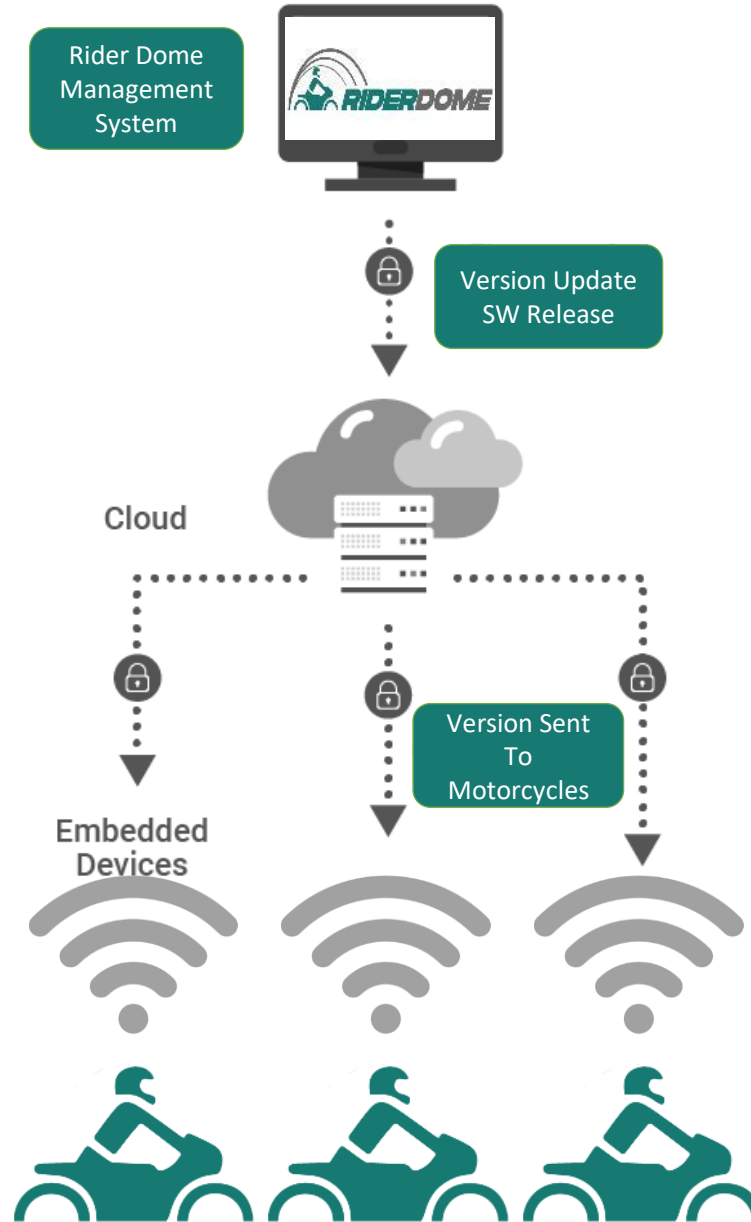
Proven Effectiveness!

The system has exhibited efficacy in enhancing the safety of riders.

The graphs taken from our pilots illustrate a notable decline in alerts as riders familiarize themselves with the system, leading to safer riding



Over The Air (OTA) update of new versions and capabilities



Rider Dome

The World's First Complete, Safety-Centric
Solution for Motorcycle Fleets

Among our customers:



deliveroo



Ajuntament de
Barcelona



Traction & Business



Success Stories

Rider Dome has gained significant momentum by serving global customer base, prioritizing large motorcycle fleets and building a promising pipeline





Coca-Cola fleets in Mexico,
Indonesia and Kenya

Coca-Cola



Barcelona Municipal





Singapore Post





System Summary



System Summary

Riding Assistance

- Light & Sound alerts indicators
- Real Time Alerts:
 - ✓ Collision Alert
 - ✓ Safe Distance Alert
 - ✓ Blindspot Alert
 - ✓ Dangerous Overtaking alert
- Built-in communication
(no reliance on the rider's phone)

Fleet Monitoring Platform

- Data & Analytics
- Video footage captured from bike cameras
- Real-Time telematic
- Riders' safety scoring
- Urban safety 'heatmap'
- More...

Over The Air Updates

- Remote update of the system on the motorcycles:
- ✓ Version update
 - ✓ New Alerts
 - ✓ New Capabilities
 - ✓ ON/OFF Features

Remote System Analytics

Automated remote system health check of all components, to ensure system functionality:

- ✓ Camera (position and view)
- ✓ Rider Alert Unit
- ✓ Communication
- ✓ More...

Automated Weekly Report

Fleet manager receive automated weekly reports:

- ✓ Safety statistics and abnormalities
- ✓ Motorcycles utilization
- ✓ Fleet productivity
- ✓ More...

Easy Installation

- ✓ Easy and fast installation
- ✓ Can switch from bike to bike easily
- ✓ No need calibration





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Contact Us

yoav@riderdome.com

