

INFOGRAPHIC

MIROS MOTORCYCLE COLLISION ALERT SYSTEM (MCAS)

DESCRIPTIVE ANALYSIS

 **33** Participants

 **22** motorcycle models (100 - 600 cc)
fitted with MCAS

 **3-12** months of data
collection

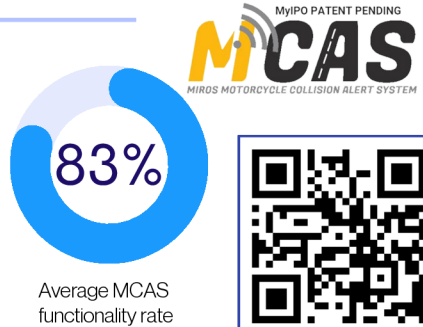
 **4,282** km participants' average
kilometer travelled with
MCAS

MCAS IMPACT & FUNCTIONALITY

1,013 cases
where MCAS helped
avoid a collision

cumulative hours of
MCAS activation
3,203 hours

141,310 km cumulative distance of
MCAS activation



www.mcas.tech

How Does MCAS Work?



1. Laser beam from LiDAR-based sensor scans the forward space for obstacle detection.



2. GPS system is used to measure motorcycle speed and to set the minimum riding speed for alert activation.



3. Visual and audio alerts are automatically activated by MCAS system with variable alert intensity.



Laser beam



Motorcycle
fitted with
MCAS

