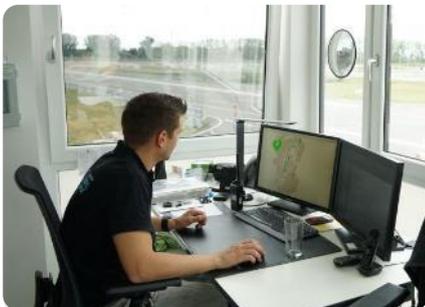


# Proving Ground Management for Motorcycles

Safety is paramount

mm-lab

Being safe in critical situations



Dispatcher

Monitoring all types of vehicles



Proving Ground

Improve safety and efficiency



Motorcyclist

Driver assistance

# Because safety is paramount.

## mm-lab | Proving Ground Management for Motorcycles



### What are the benefits?

- The motorbike can be monitored for safety reasons
- Accidents and falls are recognized and reported to the dispatcher immediately
- The cyclist is able to receive announcements, alarms and establish calls to the dispatcher
- Access to the test modules is controlled automatically



### How does it work?

- PG-Management for motorcycles is a client server application
- The mobile client is an On-Board Unit (OBU) fastened at the bike
- The OBU provides communication with the dispatcher, transmits position and detects driven maneuvers incl. accidents and falls
- Safety critical situation alarms can be configured depending on location and detected maneuver



### What equipment is required?

- The OBU consists of Android smartphone, GNSS receiver and IMU for maneuver detection
- HMI includes LED panel for visual information, headset for voice communication and two-button handlebar control
- Head up display for immersive information is optional



### How does it fit into mm-lab's Proving Ground Management System?

- PG-Management for motorcycles can be integrated into PGMS like any other application
- It extends the PGMS safety capabilities specifically for motorcyclists
- It can also be operated as standalone solution

Supported by:



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