MACNICA

Mobility Data Solution

Macnica Mobility

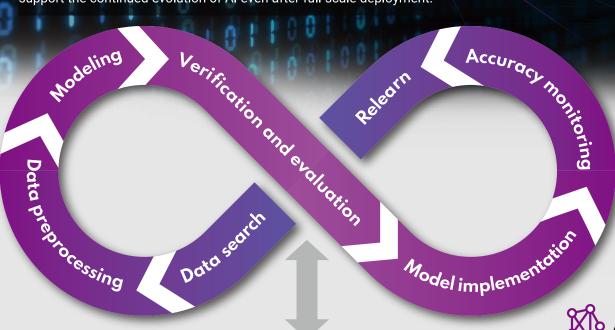
Data Platform

Macnica Mobility Data Platform

Overview

The Macnica Mobility Data Platform (MMDP) can collect and store the data from the vehicle during driving (fleet data) and the sensors data (from cameras, LiDAR GNSS/IMU) in real-time with high accuracy. The transmitted data will be stored in the cloud keeping its high quality for further analysis and Al-modeling.

By continuously monitoring, relearning, and updating the AI model, we can support the continued evolution of AI even after full-scale deployment.



High-speed mobility data platform

Reliable data transmission in real-time

Edge Platform











Equipment in various fields such as mobility, construction, logistics, agriculture, and robotics



Hybrid AI execution environment

Al execution in the cloud



Al execution at the edge



Data Acquisition

You can collect the data by installing various sensors and synchronizing them.



Data Visualization

You can view the collected data stored in the cloud with a visual tool from a remote location in real-time.



What you can do with MMDP



Monitor

Accurately grasp the status and condition of operating equipment in real-time



Analyze

Accurately perceive what information you manage and analyze the status



Detect and notify you of managed anomalies



Control and operate remote equipment

And more!



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