

Deepen AI's calibration suite brings speed and precision to May Mobility's fleet, enhancing AV safety

Deepen AI's software provides single-shot calibration for May Mobility's growing fleet, reducing the need for manual intervention and enhancing safety features

SANTA CLARA, CALIFORNIA, UNITED STATES, March 26, 2024 /EINPresswire.com/ -- [Deepen AI](#), a

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*Eric Harman, Senior Manager
of Manufacturing at May
Mobility*

world leader in calibration tools for multi-sensor systems, today announced their collaboration with [May Mobility](#), a leader in the development and deployment of autonomous vehicle (AV) technology. May Mobility builds autonomous vehicle systems to transform cities by filling gaps in existing transportation infrastructure through more accessible and sustainable transportation. May Mobility operates in the U.S. and Japan, with the majority of its current deployments focused in the U.S.

Sensor calibration is essential for ensuring the accuracy, reliability, and safety of autonomous vehicles and driver assistance systems by optimizing sensor performance,

reducing errors, and enabling seamless integration of sensor data for critical decision-making in real-time driving scenarios.

Deepen AI's advanced calibration solution provides May Mobility with an easy-to-use system allowing them to confidently, quickly and reliably calibrate sensors. Deepen's calibration tool brings down time spent on calibration by almost 80% as compared to other traditional calibration methods.

Using Deepen AI's software tools, May Mobility can decrease the time and effort required for calibrating the sensors on their fleet from hours to minutes using a custom station developed in-house to capitalize on the strengths of Deepen-AI calibration software tools. The single-shot calibration technology minimizes effort and improves calibration efficiency. Deepen AI also helps May Mobility annotate large volumes of sensor data.

Deepen AI has more than six years of experience working with both large enterprises and young start-ups in the mobility industry. This expertise enables Deepen AI to provide mobility companies with solutions that no one else can.

“Deepen has provided nonstop support throughout this relationship, helping us to put our best foot forward as we prioritize safety and reliability with every autonomous vehicle,” said Eric Harman, Senior Manager of Manufacturing at May Mobility. “By using [Deepen Calibrate](#), we can accomplish more accurate sensor calibration in a fraction of the time, allowing us to deliver a better service to our customers.”

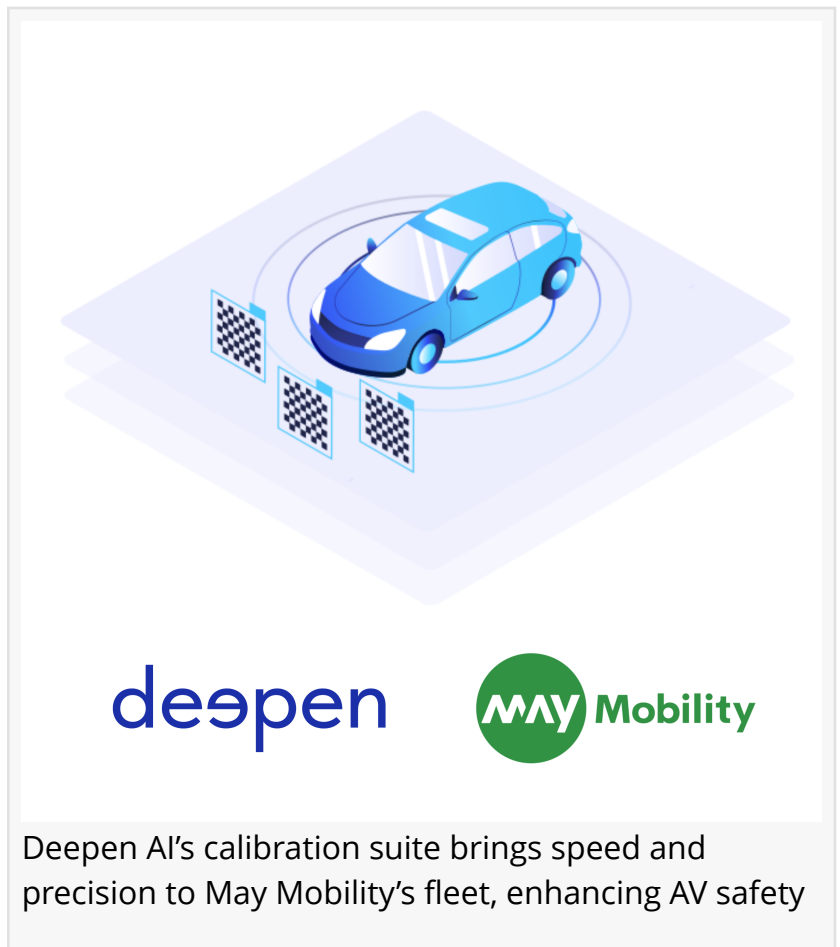
Autonomous vehicle systems, like May Mobility’s, depend on sets of sensors, including cameras and LiDAR, to “see” the world around them. These sensors must be carefully calibrated with each other and with the surrounding environment to ensure the systems work properly and safely.

“We share a common vision with May Mobility - of enabling safer mobility for everyone in the world. We are excited to work with May Mobility to enable faster, more accurate sensor calibration for their fleets. We are working together to solve many complex but exciting problems together.” said Mohammad Musa, CEO & Co-founder of Deepen AI.

Until now, sensor calibration has been the kind of task that mixed art and science and required the time of the most senior and experienced engineers on any team. Deepen Calibrate allows anyone to calibrate multi-sensor data, speeding the development and safety of autonomous systems, drones, and robotics.

Deepen Calibrate is aimed at enabling users to visualize and inspect data quality integrity. Deepen Calibrate can cut the time spent on calibrating multi-sensor data from hours to minutes, massively accelerating iteration, deployment and runtime automatic calibration.

Deepen Calibrate offers a wide range of calibration products supporting different kinds of sensors like Camera, LiDAR, Radar, IMU, and more. Deepen Calibrate supports both target-based as well as targetless calibration. Licensing and customized packages are available to enterprises.



You can reach the Deepen team at info@deepen.ai or visit www.deepen.ai/calibrate to learn more about Deepen's suite of data lifecycle tools.

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