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Kudan Inc.

## **Kudan has provided its technology for autonomous driving to a major Japanese car manufacturer**

Kudan is pleased to announce that it has completed the provision of localization technology to a major Japanese car manufacturer for the development of a fully autonomous driving car.

Localization is an essential element for the realisation of fully autonomous driving, and SLAM algorithms that output position information with high stability and accuracy from camera and LiDAR information, and sensor integration technologies that integrate these position data with numerous position-related information such as GNSS (a positioning system commonly known as GPS), IMU (inertial measurement unit) and odometry (wheel movement) to maximise stability are required.

In this technology offering, Kudan SLAM, Kudan's unique artificial perception technology, is packaged with algorithms and sensor integration for autonomous driving to achieve more stable localization in locations where GPS signals are unstable or where environmental changes are significant, which has been difficult in the past.

With the aim of developing fully autonomous driving car and realising autonomous driving mobility services, Kudan has been expanding its cooperation with major global car manufacturers (we continue to provide technology for a total of three projects, including this project), and will continue to support innovation in the automotive industry towards the arrival of an autonomous driving society.



fully autonomous driving car image

## About Kudan Inc.

Kudan is a deep tech research and development company specializing in algorithms for artificial perception (AP). As a complement to artificial intelligence (AI), AP functions allow machines to develop autonomy. Currently, Kudan is licensing its technology for next-generation solution areas such as digital twin, robotics and autonomous driving.

For more information, please refer to Kudan's website at <https://www.kudan.io/>.

## ■Company Details

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For more details, please contact us from [here](#).