

December 16<sup>th</sup>, 2021

Kudan Inc.

**Artisense’s SLAM technology has been referenced in an article by NDS,  
an international automotive organization that develops standards  
for navigation systems and map data**

Kudan Inc. (headquarters in Shibuya-ku; CEO Daiu Ko; hereafter “Kudan”), a leading provider of simultaneous localization and mapping (SLAM) solutions across multiple industries and applications, is pleased to announce that the white paper<sup>\*1</sup> co-authored by Artisense GmbH (hereafter “Artisense”), Kudan’s group company, HERE Technologies, and NNG has been featured in an article by NDS<sup>\*2</sup> (Navigation Data Standard e.V.). It is the international organization of companies in the automotive industry that develops and implements standards for navigation systems and map data.

In this article, referring to Artisense's white paper, it is introduced that the highly accurate and reliable positioning of vehicles and objects by SLAM and VIO technologies is essential for future HD mapping and navigation systems. Artisense technology is also expected to gain further recognition and credibility in the industry.

▼▼See below for the blog post published by NDS▼▼

[Vehicle positioning based on Visual Inertial Odometry \(VIO\) gains importance](#)

In addition to HERE and NNG, Artisense continues to actively collaborate with automotive tier 1 suppliers and automotive OEMs participating in NDS, as well as other automotive and mobility-related companies, and the Kudan group as a whole strives to promote SLAM technology and become a de-facto standard globally.

Moreover, there has been a further increase in the need for non-face-to-face, non-contact technologies such as autonomous driving and autonomous mobility due to the continued global outbreak of COVID-19 infections, and the rapidly growing need for AR/VR and metaverse technologies that integrate people’s consciousness and experiences with the digital world. Kudan and Artisense will jointly continue to establish competitive advantages and create advanced added value in these new technology trends, and accelerate the social implementation of our technologies on a global scale.

\*1 For more information about the white paper, please click [here](#).

\*2 For more information about the activities and participating companies, please visit NDS’ [website](#).

## About Artisense Corporation

Artisense is a computer vision and sensor fusion software company that develops an integrated positioning platform using cameras as a lead sensor for the automation of robots, vehicles, and spatial intelligence applications. On a mission to accelerate the adoption of autonomous robots and machines, Artisense provides products and technology for highly accurate, robust, safe, and low-cost navigation in any space.

For more information, please refer to Artisense's website at <http://www.artisense.ai/>.

## About Kudan Inc.

Kudan (Tokyo Stock Exchange securities code: 4425) 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 using its high-level technical innovation to explore business areas based on its own milestone models established for deep tech which provide wide-ranging impact on several major industrial fields.

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

### ■ Company Details

Name: Kudan Inc.

Securities Code: 4425

Representative: CEO Daiu Ko

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

