June 18, 2026
Dynamic Map Platform Co., Ltd.

(Notices) Dynamic Map Platform to Exhibit AI-Native Data Deployment and the Use of Data in Simulation at an International Exhibition for Autonomous Driving and ADAS

Dynamic Map Platform Co., Ltd. (Head Office: Shibuya-ku, Tokyo; CEO & President: Shuichi Yoshimura; “Dynamic Map Platform”), will exhibit at the "Autonomous Vehicle Technology Expo 2026 (AVTE 2026)," an international trade show dedicated to autonomous driving and advanced driver-assistance systems (ADAS) technologies, to be held in Stuttgart, Germany from June 23 to June 25, 2026.

At the event, Dynamic Map Platform will focus on traffic simulations utilizing High-Precision 3D Map Data and will also introduce ways to utilize the AI-native data that our company has made publicly available on Hugging Face. We will showcase concrete examples of how our data infrastructure supports the development of autonomous driving and ADAS for automotive manufacturers (OEMs), Tier 1 suppliers, and software providers.

The Autonomous Vehicle Technology Expo is a leading international specialty trade show covering the cutting edge of autonomous driving and ADAS technologies. In 2026, it will be held as part of "Vehicle Tech Week Europe," a comprehensive European mobility event spanning the full breadth of automotive technology, co-located with the Automotive Testing Expo and the Automotive Interiors Expo. The event brings together automotive manufacturers, Tier 1 suppliers, technology companies, research institutions, and a wide range of other stakeholders from around the world to exhibit and discuss technologies across the autonomous driving landscape, including simulation, AI and software, sensing technologies, HD mapping and navigation, and V2X communications.

＜Exhibit Highlights＞

■ Building Realistic and Efficient Traffic Simulation Models with High-Precision 3D Map Data

The Company's High-Precision 3D Map Data is finding growing adoption across a wide range of applications, including autonomous driving and ADAS, infrastructure management, traffic accident investigation, and gaming. This exhibit will focus on its use in traffic simulation for autonomous driving and ADAS development.

Traditionally, constructing realistic road models for simulation has required significant time and labor. The Company's High-Precision 3D Map Data captures the real world at centimeter-level accuracy, and by importing it into various simulation platforms, users can efficiently build 3D models that accurately reflect complex road structures and traffic environments.

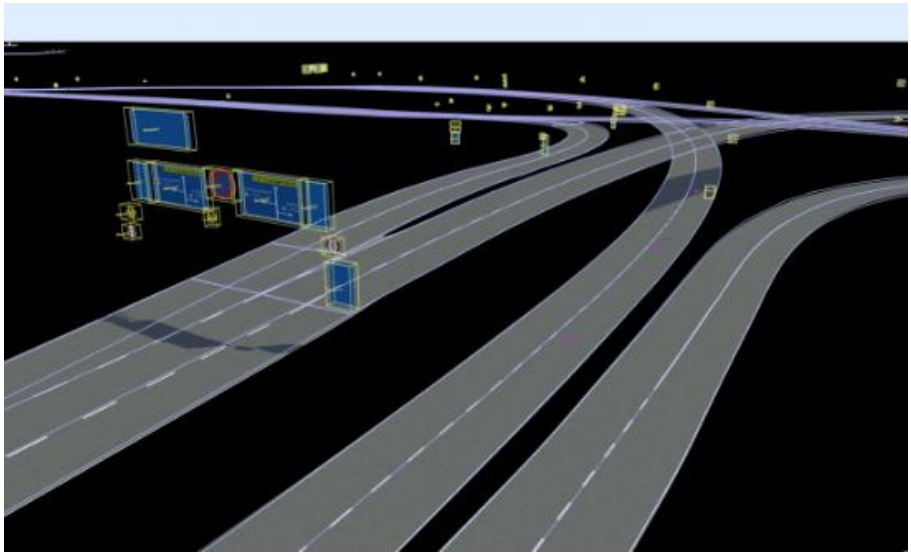

Image: Simulation Road Model

■ High-Precision 3D Datasets for AI Training and Evaluation

Dynamic Map Platform introduces AI-optimized datasets leveraging its extensive accumulation of High-Precision 3D Data assets. This exhibit showcases, using a challenging intersection data publicly available on Hugging Face as an example, the structure and utilization of datasets designed for AI development.

This dataset is a multimodal, AI-native dataset that integrates point cloud data, multi-view camera images, high-precision positioning information, High-Precision 3D Map Data, and 3D Gaussian Splatting (3DGS) data. By ensuring temporal and spatial alignment across these data types, it enables training and evaluation that accurately reflect real-world environments.

Feature information contained within the map data can be used as annotations, contributing to enhanced AI-based spatial perception and the reduction of the Sim2Real gap (domain gap). In addition, 3DGS data enables its use as digital twin data with high fidelity to real-world environments. Through integration with simulation environments, the dataset supports efficient AI development and validation across both real and virtual domains. Such real-world-based data is also expected to serve as a foundation for Physical AI, which focuses on understanding and reproducing physical environments.

For further details on the datasets available on Hugging Face, please refer below.
https://huggingface.co/datasets/dynamic-maps/hard-intersection-multimodal-sample

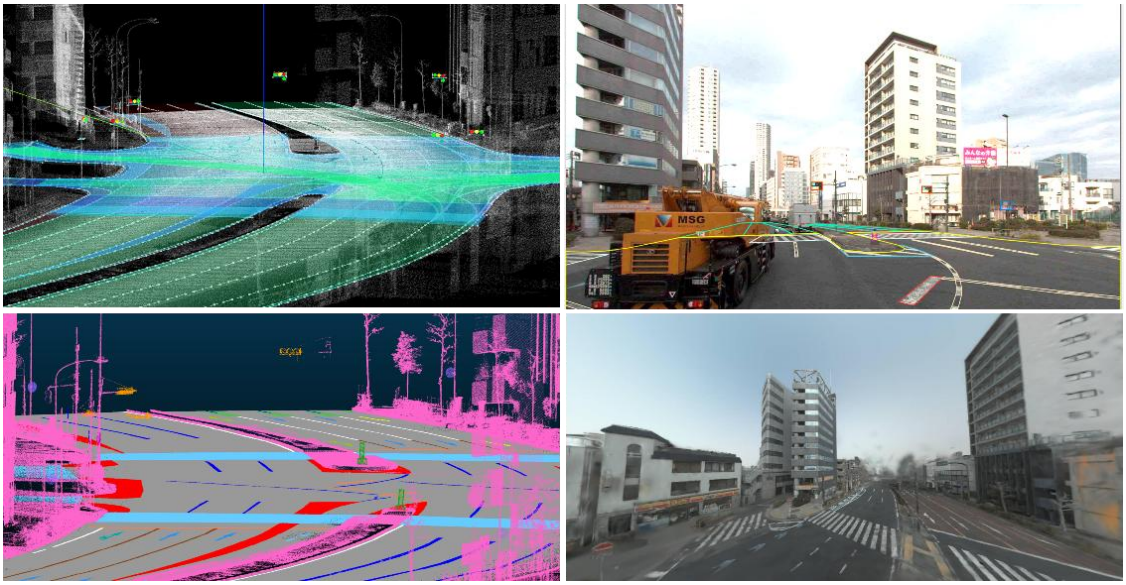

Image: AI-native data image (intersection data integrating point cloud data, images, 3DGS

■ High-Precision 3D Map Data Contributing to Enhanced Reliability in Autonomous Driving and ADAS

The exhibit will also feature the primary application of the Company's High-Precision 3D Map Data: autonomous driving and ADAS. Complex road structures such as intersections and steep gradients pose significant challenges for improving perception and decision-making accuracy in autonomous driving and ADAS. The Company's High-Precision 3D Map Data contains detailed information capable of handling such edge cases, thereby contributing to the realization of safe and reliable autonomous driving at Level 2 and above.

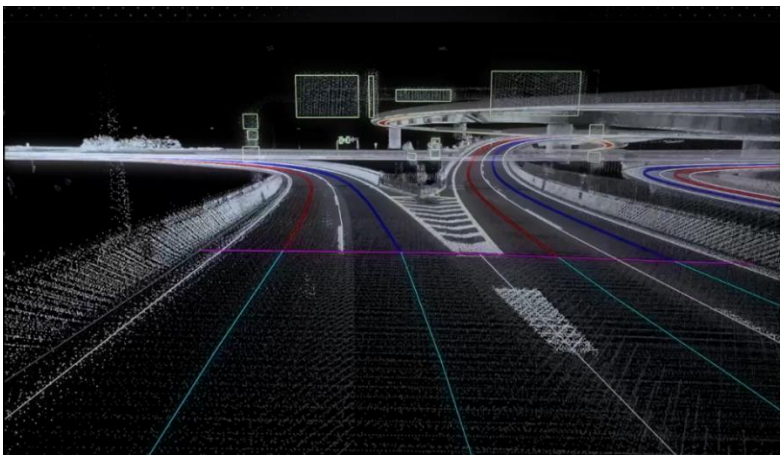

Image: High-Precision 3D Map Data

On June 23, between 12:00-12:25, the opening day of the expo, a presentation is also planned at the "AVT Live Zone." The approximately 25-minute presentation, themed **"High-fidelity 3D data accelerating ADAS and E2E autonomous driving"**, is scheduled and will provide a detailed introduction to the Company's technologies and initiatives.

- Link: AVT Live Zone – High-fidelity 3D data accelerating ADAS and E2E autonomous driving

Going forward, Dynamic Map Platform will continue to contribute to improving development efficiency and ensuring safety for all players involved in autonomous driving and ADAS development through its globally compiled High-Precision 3D Data and the solutions built upon it.

＜「Autonomous Vehicle Technology Expo 2026」Overview＞

Dates	Tuesday, June 23 – Thursday, June 25, 2026
Venue	Messe Stuttgart, Stuttgart, Germany
Organizer	UKi Media & Events
Website	https://autonomousvehicletechnologyexpo.com/

＜About Dynamic Map Platform Co., Ltd.＞

Dynamic Map Platform was established with the backing of the Japanese government and investment from 10 Japanese automobile manufacturers and other enterprises. The company's headquarters is located in Japan, and it also has bases in North America, Europe, the Middle East, and South Korea; it is expanding its business in 26 countries.

As a High-Precision 3D Data platform that replicates the real world in a digital space, Dynamic Map Platform supports innovation in various industries.

Established: June 2016

Headquarters: Shibuya-ku, Tokyo

Representative: YOSHIMURA Shuichi

Business: Providing High-Precision 3D Data for a variety of industries, including automated driving and ADAS.

Website: https://www.dynamic-maps.co.jp/

X: https://x.com/dynamic_maps