Abstract

As a platform to support the "digital twin computing" of NTT’s IOWN, the 4D digital platform integrates various sensing data in real-time on the advanced geospatial information database with its highly precise and abundant semantic information. By providing this platform to a wide range of industries, we aim to solve various social issues and create new value.

Features

- Submeter-precision map and real-time processing of data for tens of millions of vehicles and people
- Achieves prediction and optimization of complex scenes

Application Scenarios

- Congestion leveling by signal control in accordance with traffic volume and road / lane pricing
- Congestion estimation from demand and human behavior forecasts and store management support by optimizing customer distribution

Roadmaps

- To implement the 4D digital platform, we are using the technology of the research institute and assets of the NTT Group through various PoCs and are gradually putting the platform into practical use and expanding its functions from this year.

Collaboration Partners

- Zenrin Co., Ltd.

Exhibitors

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

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