ZENRIN

Safe and Secure

Providing the high accurate map data for the realization of a safe and secure mobility society.



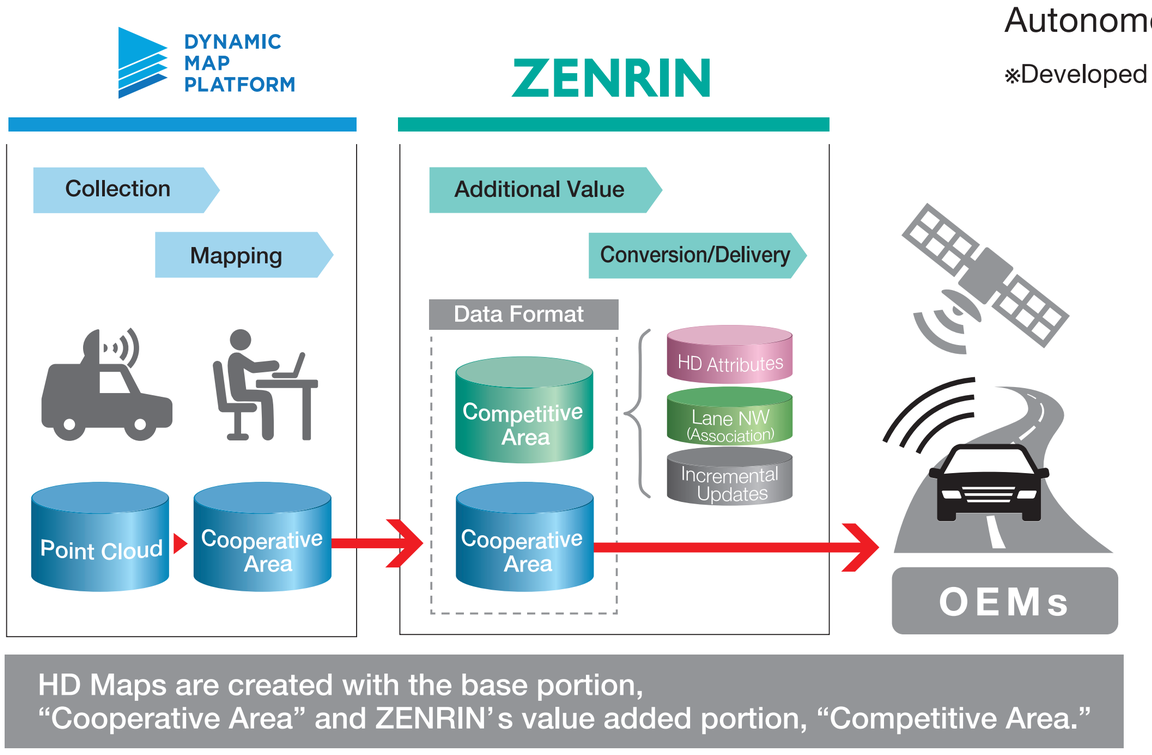
High-Definition Map for Autonomous Driving

ZENRIN contributes to the future mobility society together with automotive industries by providing optimized map data reflecting all time needs and supporting safe and highly accurate autonomous driving.

ZENRIN is researching and developing eficient data meintenance system based on AI to expand the HD map caverage for general roads.

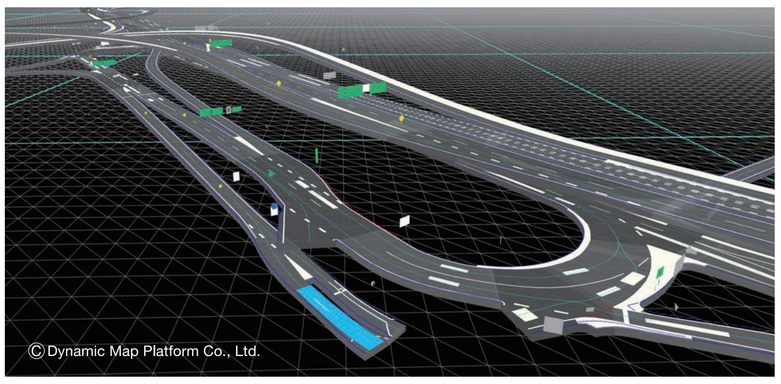
HD map enables accurate vehicle positioning, support sensor recognition, and anticipate lane guidance for Autonomous driving.

※Developed HD Map of approximately 30.000km of all Japan highways in 2019.



HD Maps are created with the base portion,
“Cooperative Area” and ZENRIN’s value added portion, “Competitive Area.”

Example of Use



ISA (Intelligent Speed Assistance)

Through field surveys by our research staff of 1.000 people per day and measurements using the latest technology, ZENRIN is able to provide speed limit information for all of Japan which can be used in ISAs that may be deployed in Japan in the future.

Even when cameras and other equipment are unable to read speed limit signs due to bad weather, obstacles, or other local conditions, systems can provide a stable function by referring to the map data. This service enables us to support safer driving.

