

INAVI Systems Corporation Completes Development of South Korea's Longest Coverage ADAS Map for Autonomous Driving



Seoul, South Korea Jun 30, 2024 ([Issuewire.com](https://www.issuewire.com)) - INAVI Systems, a subsidiary of THINKWARE Corporation (CEO Lee Heung-bok) specializing in mobility platform development, proudly announces

the completion of an Advanced Driver Assistance System (ADAS) map covering 130,000 kilometers. This achievement, marking the longest ADAS map coverage in South Korea, extends beyond highways to include arterial roads.

The newly developed ADAS map by INAVI Systems is a pivotal component for Level 2+ and Level 3 autonomous driving systems. It enhances autonomous vehicle capabilities by providing detailed information on road slopes, curvatures, elevations, and speed limits—data beyond the detection capacity of vehicle sensors. Compared to traditional maps, INAVI Systems' ADAS map offers over ten times greater precision, covering all highways, urban expressways, motorways, and major arterial roads nationwide.

Incorporating mandatory speed limit information for the Intelligent Speed Assistance (ISA) feature, mandated by the European Union for all new vehicles from July 2022, the ADAS map includes speed limit data for all national two-lane or larger roads, totaling 130,000 kilometers. This extensive coverage ensures the stable operation of autonomous vehicles across major road networks in South Korea.

To maintain the accuracy and currency of its ADAS map data, INAVI Systems leverages real-time information collected by THINKWARE Corporation's AI Dashcams. This advanced technology facilitates automatic updates based on changing road conditions, particularly volatile information like speed limits, ensuring a safe driving environment.

"INAVI Systems has secured market competitiveness by establishing this essential ADAS map for autonomous driving," stated Seong Deuk-yeong, CEO of INAVI Systems. "We will leverage our map integration technology to deliver advanced mobility services, including autonomous driving."

INAVI Systems is preparing to integrate its Standard Definition (SD) map and ADAS map with its extensive High Definition (HD) map database. This integration aims to offer comprehensive map solutions to automakers and related service providers, combining SD ADAS and HD maps.

About INAVI Systems Corporation

INAVI Systems Corporation, with over 25 years of independent map data and solutions development, provides map platform services and is at the forefront of developing and commercializing Integrated SD ADAS HD Maps for autonomous driving. The company is also gearing up to enter the international market through strategic global partnerships.

<https://inavisys.com/>



Media Contact

THINKWARE

mln6880@thinkware.co.kr

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