

Category

Electronics, Devices, and System

Solution

Other autonomous vehicles adopt the 'open road' approach while NAVi focuses on a 'controlled environment' use case. With the 'controlled environment' approach, including the vehicle itself there are certain elements of the environment that can be manipulated/controlled in order for the vehicle to perform its autonomous functions compared to the 'open road'.

Technology & Applications

Autonomous self-driving systems utilizing a visual-based approach towards an efficient and safe mode of transportation within closed environments (non-public roads). Applications to include small-scale delivery systems, automated guided vehicles for logistics and self-driving vehicles.

Advantages

The technology developed is highly based on marker-based image detection and lane tracking via cameras which allows for the AI system to receive, decipher and execute instructions.

Provides a low cost solution towards autonomous navigation by allowing ease of recalibration to utilizing markers for many intended routes and use-cases.

Intellectual Properties

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