NAJM. Al Vehicle

Arche Information Inc.

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Overview of NAJM.



Can also be used manually as a normal cart

<Architecture>

- 1. Hardware and Software (AI) are independent.
- 2. Parts can be chosen whatever you like according to the environment
 - As using SIEMENS's PLC, can use as long as you can connect to it.
- 3. "Cloud" and "Edge" can be handled.

Software Specification





Hardware Specification





1) Self-driving (self-avoidance, self-stop, self-recovery, self-judgment)

2) Recalculate the optimal route in real time even if there is a change.





Market

1. SME

- Hard to invest large asset such as material handling.
- It is not suitable for in-house fixed equipment installation.

2. All Companies (Holding Warehouses)

- Distribution industry, Warehouse industry, Logistics industry, Manufacturing industry etc.
- 3. Other
 - Airports, Hospitals



Current Prototype Specification

- Maximum load weight 60kg
- Driving speed At maximum load capacity, 5 km / h
- Vehicle size
 Size that can pass each other through a 90 cm passage
- Localization
 SLAM
- Control Device
 SIEMENS's PLC
- Detecting the obstacles
 -Sensor and Camera
- AI can connect with any hardware
- Other Parts (car body, motor, battery ,etc.)

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Apply Any Warehouse



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