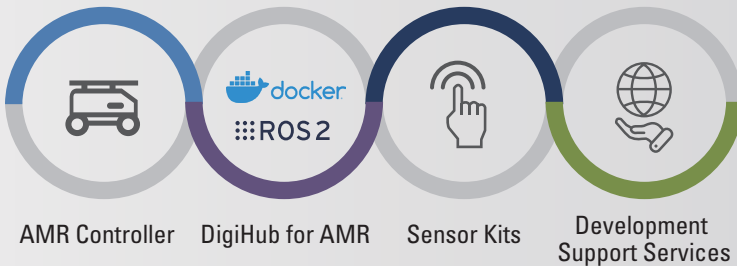


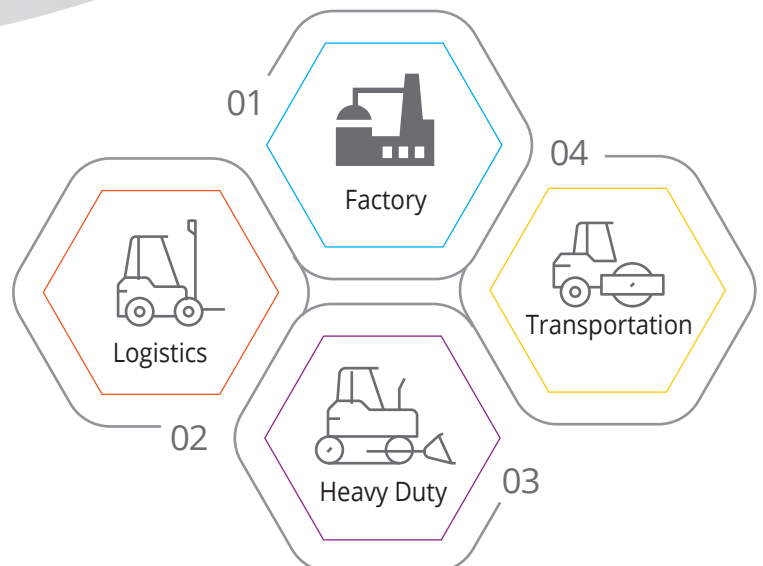
AMR Builder Package

Being Fast Time-to-Market and Considerable TCO Saving to Optimize Working Procedure Toward Your Business Achievement



Move from AGV to AMR

- No Changes to Your Current Facility
- Save the Costs of Wires, Magnetic Stripes, and Other Costly Modifications or Disruption
- Axiomtek's DigiHub for AMR Software Package Enables the Most Efficient Route to the Target with High Accuracy.
- Uses Advanced SLAM Technology to Enhance the Environment Perception Ability



To Accelerate Your AMR Business

Speeding Up Time-to-Market from Design to Development



AMR Controller

Extreme compact design and front I/O

- Anti-vibration Vehicle Connector
- GMSL Interface
- AI Accelerator Module
- 9 - 60VDC Power Input
- Operating Temperature from -20°C to 70°C



ROBOX500



DigiHub for AMR

Open source based package

- ROS 2 Nodes with Docker Images
- Web-based Management System
- AprilTag and Shape Detection
- Precise Positioning and Obstacle Avoidance



docker

ROS 2



Sensor Kits

Rich choices to build a smart AMR easily

- Sensor AVL
- Mechanical Parts
- Cables and Connectors



3D Camera



LiDAR



IMU



Ultrasonic



Development Support Services

From our experience to yours

- Reference Design
- Design Guide



AMR Builder Package Service

Providing a Full Suite of AMR System Configuration and Development Services



Concept

Overall Project Discussion



Proposal

Exact Definitions of Package Specifications and Quotation



Design

Develop Prototype and Service Package



Test

Full Function Test and Feedback



Discover more AIoT solutions with leading expert, Axiomtek, which has over 30 years experience in the industrial PC filed.

E/ info@axiomtek.com.tw

