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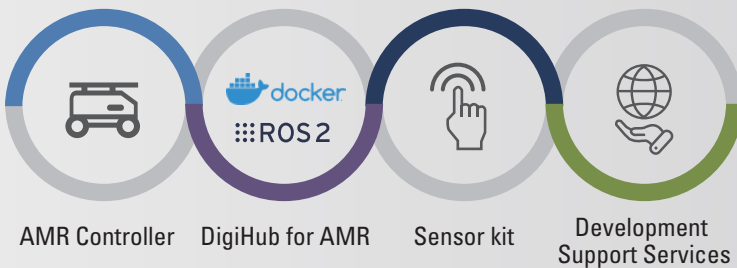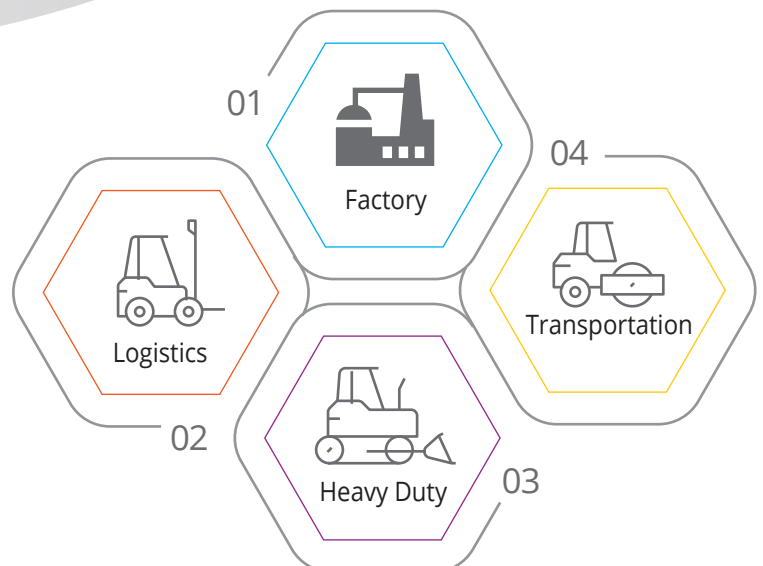
Being Fast Time-to-Market and Considerable TCO Saving to Optimize Working Procedure Toward Your Business Achievement

AMR Controller | DigiHub for AMR | Sensor kit | Development Support Services

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

01 Factory
02 Logistics
03 Heavy Duty
04 Transportation

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
- 9-60V Power Input
- Operating Temperature from -20°C to 70°C

ROBOX500

DigiHub for AMR

Boost AMR Devt. by ROS 2-Based Solution
- ROS2 Nodes with Docker Images
- Web-based Management System
- AprilTag and Shape Detection
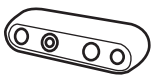- Precise Positioning and Obstacle Avoidance

docker ::ROS 2

Sensor Kit

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

AXIOMTEK