



GENSURV
ROBOTICS

Mobile Robots for Intralogistics

Mobile Robots and Unmanned Solutions

Research and development by our inhouse robotic experts.

Design & Fabrication.

System Integration for automation and robotics.

Design Supporting system and software.

technical support, installation, continued services and training.

Consultation and design for Intralogistics Solutions with suitable technology.





No.1

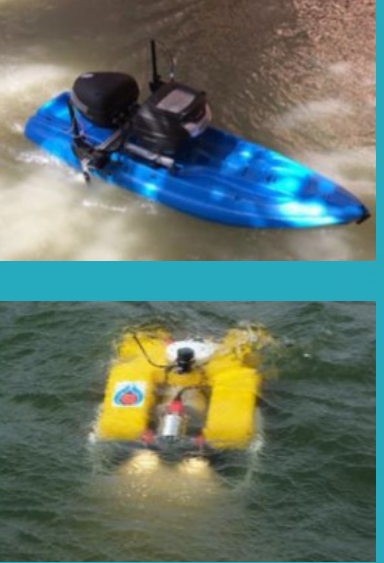
Automated Solutions
in Thailand

We are the No.1 leader in automated solutions in Thailand, specializing in the design and development of customized mobile robots for intralogistics and various industrial sectors to meet the evolving needs of businesses.

R&D MILESTONES

- Autonomous boat
- Underwater Robot (ROV)
- Autonomous Forklift

2012-2016



- Autonomous Forklifts

2017-2018



- Autonomous Pallet Stacker
- Large Autonomous Boat

2017-2018



- DD Navigation
- DD Fleet
- Management
- Auto Shuttle

2019-2020



- Autonomous Tow Truck
- Special Customized Mobile Robots for Agriculture

2021-2022



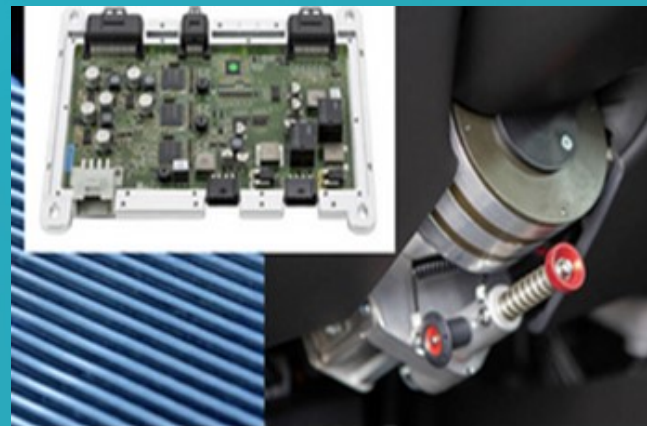
- Autonomous Bus

2023-2024



Our Full Stack Technologies on Mobile Robots

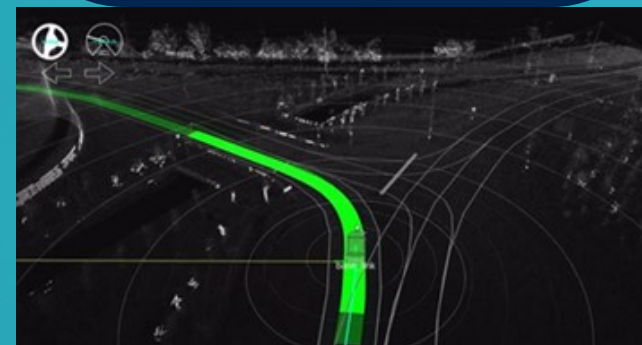
- 1**
- Mobile Robots Mechanical Design & Fabrication



- Vehicle Conversion to Robot
- Robot Drive By Wire System



- 3**
- Localization & Navigation Softwares
 - Indoor
 - Outdoor
 - In&Outdoor



- FLEET MANAGEMENT Software
 - Robot management
 - Multiple robot traffic control, queue management
 - Optimization

• UX/UI

• MAPPING

- Network Connectivity

- Teleoperation

- Robot Integrations with other systems
 - Automatic door
 - Traffic light
 - Elevator
 - Machines
 - etc.

Mobile Robots PRODUCT GROUP

Laser guided Autonomous Vehicles
for Indoor & Outdoor



AMR: AUTO MOBILE ROBOTS



AUTONOMOUS FORKLIFTS



AUTONOMOUS SHUTTLE



AUTONOMOUS TOW TRUCKS



Our Technology

ROBOT STATUS MONITORING: BATTERY, ROBOT HEALTH.
Parts, maintenance schedule
Mission Status Monitoring: job received, complete with time stamp.
Task Management between vehicles, Task Optimization. Queue Management
Intelligent Traffic Management for multiple robots. No collision , no gridlock



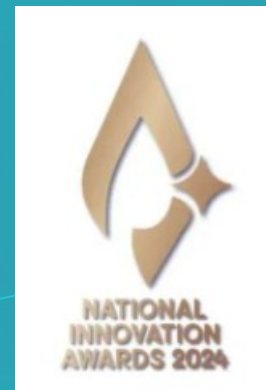
FLEET MANAGEMENT



Traffic Management
Multiple Robots



Robot Status Monitoring



Traffic Management
Multiple Robots

Middleware to other systems.



Mission Control System

**GENSURV
ROBOTICS
FLEET
MANAGEMENT**

TELEOPERATION WITH 5G

