

IR A.R.M.S

AUTONOMOUS ROBOT MANAGEMENT SYSTEM



Cutting Edge Software
To Power Your Robots

FUNCTION AND FEATURES

A.R.M.S. encompasses several crucial general functions that contribute to its overall capabilities. These functions include:



USER INTERFACE

User-friendly touch and click interface



MOVEMENTS

Robot movement and map visible on screen



ALERTS

Real-time on-screen alerts



RECENTRE, RESET AND LOCATE

Convenient and instant



TRACK AND FOLLOW

Easily track robot's movement



VISIBILITY

Dark and light theme options



LIVE FPV FEED

Access live video feed over internet or local network



EMERGENCY STOP

On-screen Emergency Stop for halting robot



MANUAL OVERRIDE

Support for manual control of robot



HEALTH STATUS

Access robot system's health information



ROBOT COORDINATION

Enable collaborative robot work and conflict avoidance



ONBOARD PROCESSING

Robot operates independently without external connectivity



TASK MANAGEMENT

Assign tasks based on robot capabilities and priorities



SENSOR INTEGRATION

Integrates data from various sensors



FLEXIBILITY AND SCALABILITY

Adaptable to changing environments or requirements



MONITORING AND ANALYTICS

Real-time monitoring and analytics for performance tracking



FLEXIBLE WITH A.P.I

Compatible with various APIs



PORTABLE

Accessible via smartphone and tablet



A.R.M.S

AUTONOMOUS ROBOT MANAGEMENT SYSTEM

ARMS LITE	ARMS STANDARD	ARMS PRO
Basic features Mapping Create Paths	Basic features Mapping Create Paths Create Missions Reports	Basic features Mapping Create Paths Create Missions Reports API

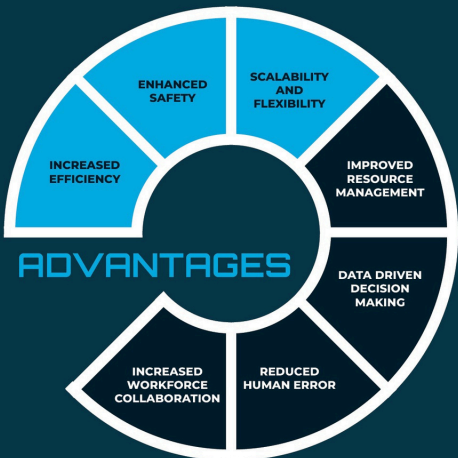
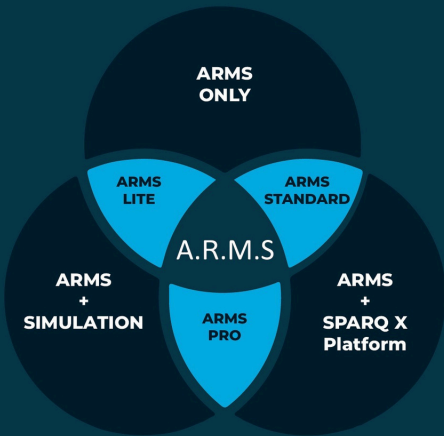
PACKAGE 1	PACKAGE 2	PACKAGE 3
1 Licensed User Options: 1. ARMS Lite 2. ARMS Standard 3. ARMS PRO Maintenance (3 years) Mobile device support	Simulation 1 Licensed User Options: 1. ARMS Lite 2. ARMS Standard 3. ARMS PRO Maintenance (3 years) Mobile device support	Sparq X platform 1 Licensed User ARMS Pro Maintenance (3 years) Mobile device support
Optional: Mini PC	Optional: Mini PC	



Ideasparq

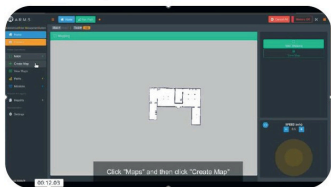
ROBOTICS SDN BHD

OPTIONS & PACKAGES

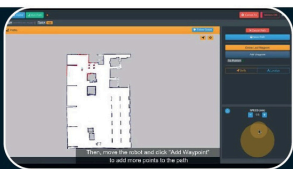


SOFTWARE & USER INTERFACE

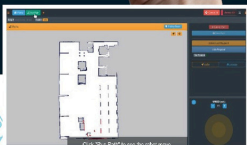
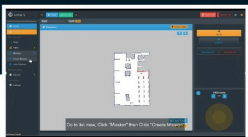
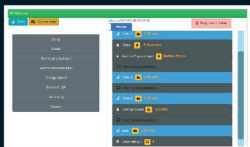
MAPPING



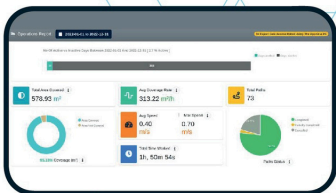
CREATE PATHS



CREATE MISSIONS



REPORTING



MINIMUM SYSTEM REQUIREMENTS

Requires a 64-bit processor and operating system

Processor	Intel i5/ Ryzen 5/ Nvidia Jetson Orin
Memory	8 GB RAM
Graphics	Nvidia GTX 1070 or AMD RX 590
OS	Ubuntu 20.04
ROS	Noetic
Jetson	Orin
Storage	128 GB available space

WHY US

- ▶ **Industry tested and works with a variety of robot configurations**
- ▶ **24 hour after sales support**
- ▶ **Affordable price**
- ▶ **3 years of maintenance included**
- ▶ **Encourages local and young expertise**
- ▶ **Easy to understand and manage**
- ▶ **Integration with various equipment and systems**



Lot PT 31563 (2790),
Persiaran Elektron, Seksyen U16 Kampung Melayu Subang,
40160 Shah Alam, Selangor Darul Ehsan, Malaysia.

+6018 251 8931 / +6016 987 3985 |
sales_team@ideasparq.com

