

# Powering robots of tomorrow, today.

## Healthcare



## Cleaning



## Services



## Industrial



## Construction



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# About Us

Move! AI delivers human-like precision and movements to robots; combining sensor fusion, vision and machine learning & artificial intelligence technologies. Saving a lot of your precious time and money.

## Robust

Uses computer vision to understand 3D surroundings, enabling robots to reliably run in complex environments.

## Accuracy

AI-enabled technology delivers performance in terms of localization and navigation at par human level.

## Hardware agnostic

Use Seirios on any device. No additional hardware required.

## Onboard computation

The software is running onboard of the robot, eliminating any risk of latency.

## Reduce cost

Sensor fusion, algorithm enabled high accuracy navigation system at a lower cost.

## Save time

Cut down on deployment time and deployment process by providing a ready to use solution.

## Versatile

Use Seirios on any robots of any shapes and sizes\*.

# Seirios

Bringing intelligence to robots through a smart navigation solution

## Seirios RNS

Uses computer vision to understand 3D surroundings, enabling robots to reliably run in complex environments.

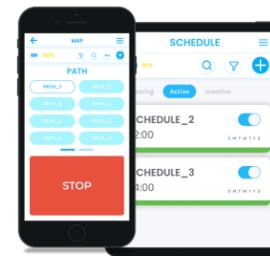
- | Mapping
- | Path Recording
- | Teleoperation
- | Coverage Planner
- | Localisation
- | Single point Navigation
- | Task Manager
- | Multi point Navigation



## Seirios Simple

Seirios simple with an easy user interface enables everyone, even with no technical skill to navigate and control robots within a few clicks.

- | Manual Controls
- | Instant Task Execution
- | Queueing & Scheduling



## Seirios FMS

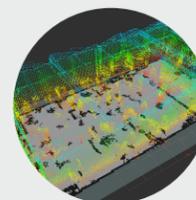
In large, busy and dynamic environments, multiple robots may be required to get tasks done. With a fleet management system (FMS), multiple robots can be viewed and managed simultaneously.

- | Lane Management
- | Task Delegation
- | Robot Management



### Feature Recognition

Extracts prominent feature points from robot's camera view, shown as green circles. All these feature points are stored in a 3D map.



### Semantic Understanding

Human & object detection and recognition of objects (type, size and shape)

## Software Requirements

A PC with ARM and x86 processor (or 2-core, 4 threads CPU @ 2.4 GHz minimum)

8GB DDR4 RAM

127GB Solid State Drive (SSD)

Ubuntu 20.04 operating system

Internet connectivity (WiFi dongle or embedded WiFi antenna)

## Licensing

	Base Price	License Price / Robot
Seirios RNS	-	<b>SGD\$ 3.000</b>
Seirios Simple**	-	<b>SGD\$ 500</b>
Seirios FMS**	<b>SGD\$ 10.000</b>	<b>SGD\$ 1.000</b>

\*\*Pre-requisite- SeiriOS RNS

Easy integration from web based system

Sleek User Interface

