

## Localisation

For better navigation and accuracy, localise your robot to its environment.

## Navigation

Need to quickly dispatch robot to a specific location on the map? Switch to the 'Single Point' mode and point robot to that location quickly.

## Path Recording

For precision navigation, switch to the 'Multiple Points' mode and drive robot to specific and precise points in the map

## Task Manager

Aimed to users that are looking to use robots creatively. Stack tasks (goals, paths, time delays) in a series and executable as a single command.

## Teleoperation

Teleoperate (remote control) your robot freely with either WSAD or joystick controls shown in the interface

## Waypoint

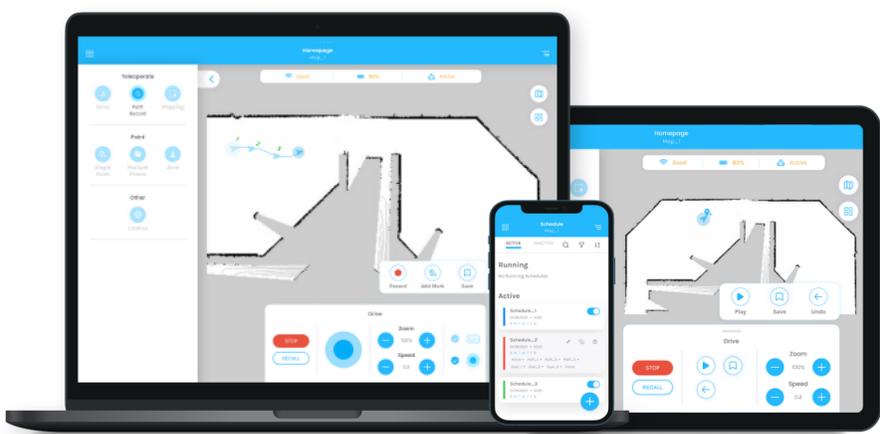
Quickly mark/draw different points in the map to draw straight paths. These paths can be executed immediately after drawing or saved for future use

## Coverage Planner

If you're looking to use your robot to patrol or clean a large area, this feature is for you! By selecting a large area on the map, a path will be generated without manually marking or driving the robot.

# SEIRIOS RNS

MOVEL AI



Robots exist to improve the quality of human lives and Movel AI strives to accelerate the adoption of robots by designing great software that is scalable, accessible, easy to use by everyone.

*Good software maketh good robots*



MOVEL AI

# Industries we're working with



Industrial



Cleaning



Services

## Software Requirements

A PC with and ARM and x86 processor (4-core, 8 threads CPU @ 2.4 GHz minimum)

16GB DDR4 RAM

128GB Solid State Drive (SSD)

1x RJ45 port for each Ethernet-connected LiDAR

3x USB 3.0 port for each camera mounted

Ubuntu 20.04 operating system

Internet connectivity (WiFi dongle or embedded WiFi antenna)

## Licensing

License Price / Robot **SGD\$ 3.000**

Speak to us if you have any specific requirements for development or integration

## FAQ

### Do you sell robots (hardware)?

No. But speak to us and we are able to advise and share more about our past collaborations with hardware manufacturers

### Do you have a trial period to evaluate Seirios on my robot?

Yes, we do!

Contact us today!



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

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

Use Seirios on any device. No additional hardware required

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

Use Seirios on any robots of any shape of sizes\*

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

Save a lot of time in development and deployments process by providing a ready to use solution

Robust

On board computation

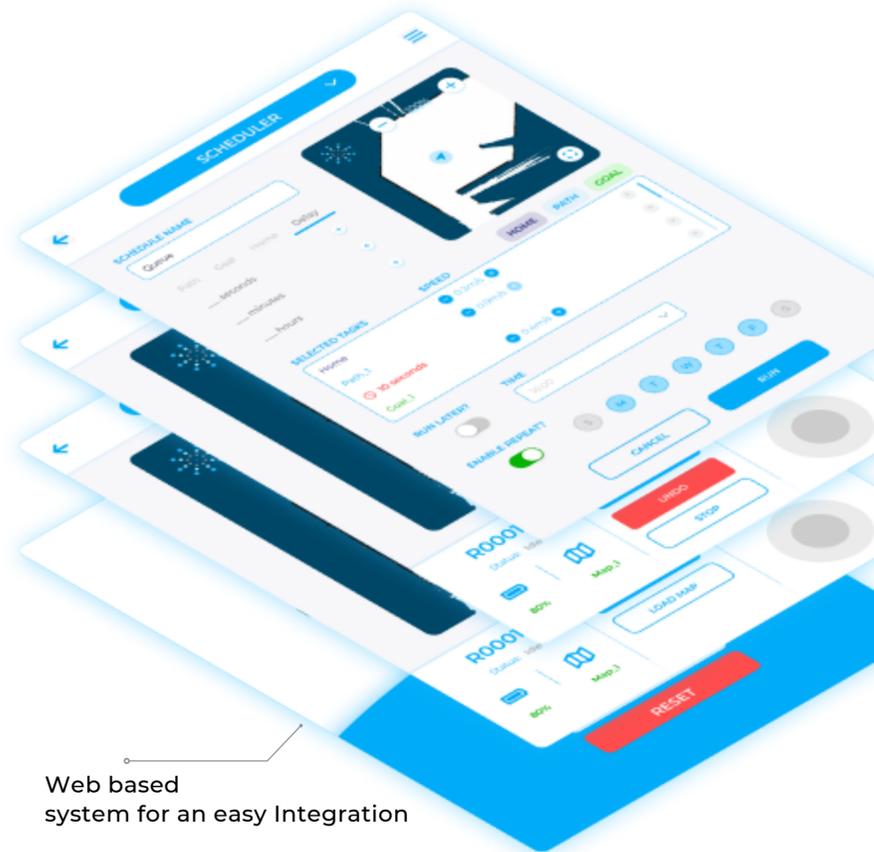
Hardware Agnostic

Accuracy

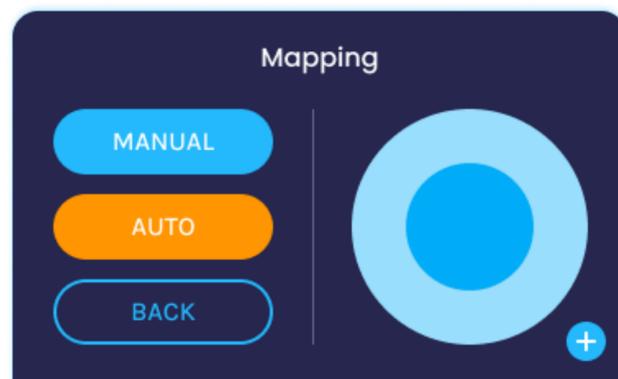
Versatile

Reduce Cost

Save time



Web based system for an easy Integration



Sleek User Interface