

Technology Forum — Smartify the City with 5G
5G-enabled Service Robots in Action



The Friendliest Robots At Your Service.

The #1 Autonomous Workforce Provider in Hong Kong
Made and Designed in Hong Kong



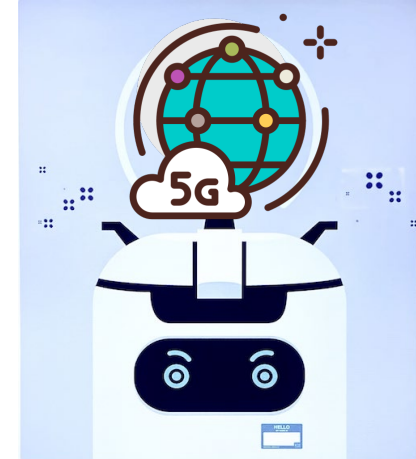
The synergy between robotics and 5G

5G allows us to “untether the robot”

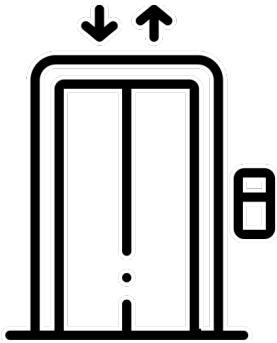
Real-time communication between our cloud platform and robots

Allows for **safer teleoperation** with **minimal latency**

Better customer experience

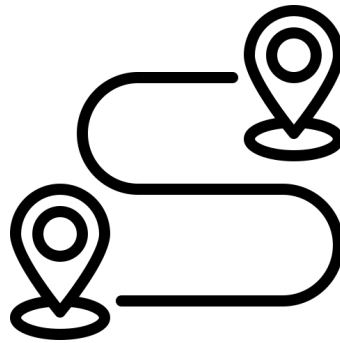


Our Core Technology



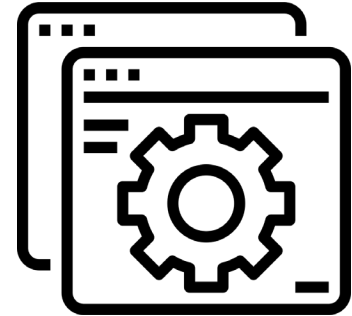
Local integrations

Our robots can operate elevators and turnstiles to deliver to multiple floors. We work closely with elevator and BMS companies to provide custom solutions.



Crowd navigation

Our robots navigate via SLAM, utilising LiDAR, depth cameras, and ultrasound sensors to avoid obstacles and operate smoothly in complex and dynamic environments.



Customisable software

Select one of our existing apps or use our API to build custom apps suiting your specific needs.

Family of Autonomous Robots

Out of the box robots with 8 years life cycle minimum.

Both hardware and software are fully developed in-house with 12 Patents.



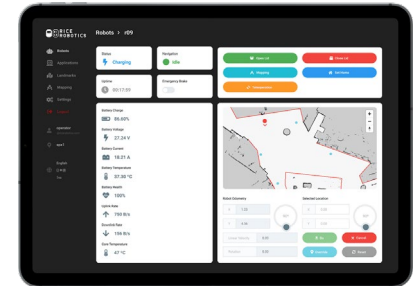
RICE
Delivery



JASMINE
Disinfection



PORTAL
Multi-Purpose



RiceCore
Cloud Management

5G in Action

How our robots communicate with RiceCore



RiceCore




Portal

Multi-Functional Patrol Robot




RICE ROBOTICS


Security


 Stream /record Video


 Fire Detection


 2-way Intercom

 Body Temperature


 Intruder Detection


 Water Detection

 Air Quality Check

 Video Analytics

Customer Service

 Deliver Goods

 Greet & Guide Customers

 Call Help Desk



Rice Cor

e Cloud Fleet Management



RICE ROBOTICS

Robot Data Analytics



Monitor Robot Status



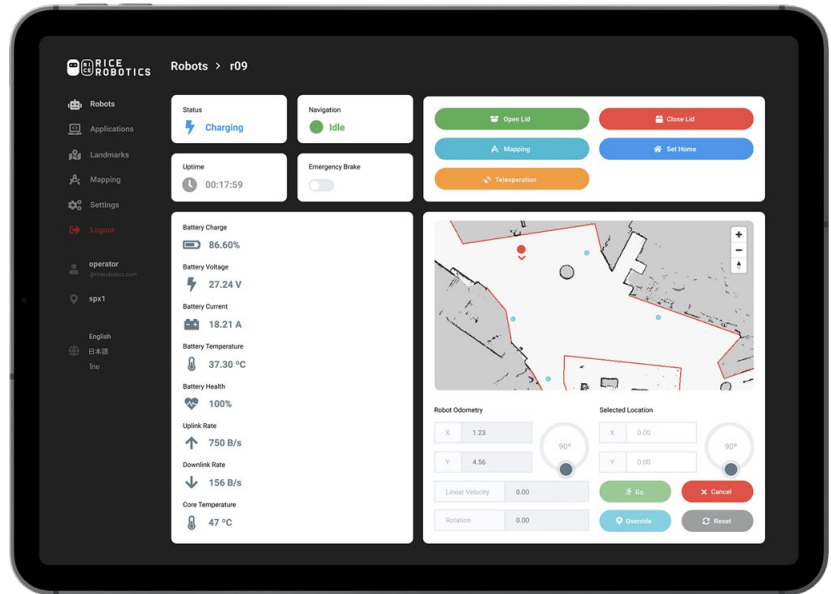
Web-based Interface



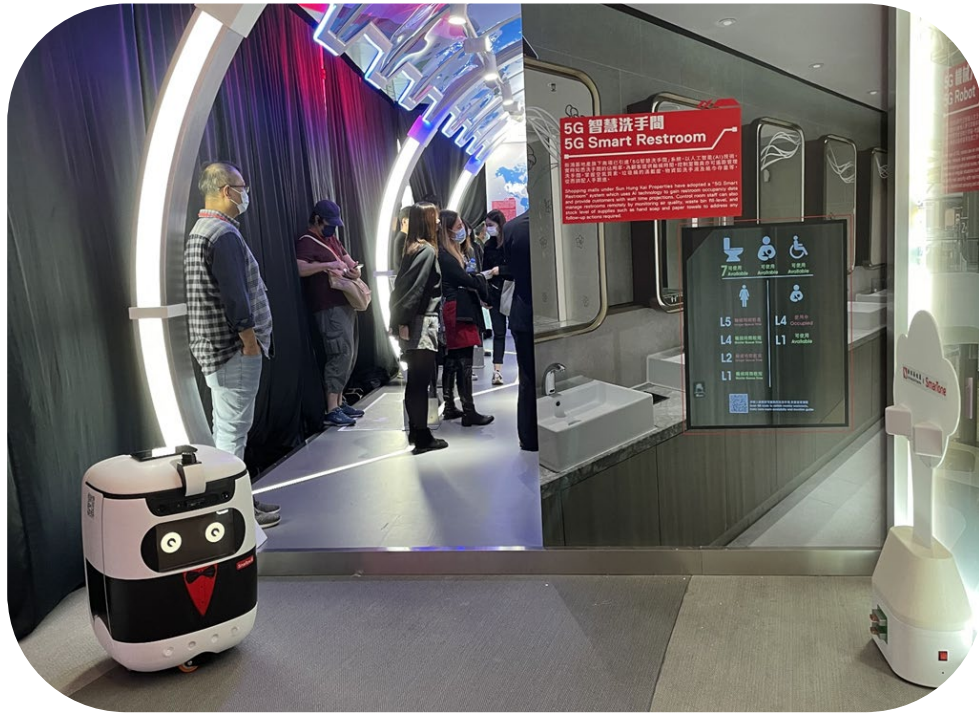
Critical Data Alerts



Remote Control for Fleet



Sm arTone 5G Lab @ Sky 100



Custom Portal Deployment

HK Convention and Exhibition Centre



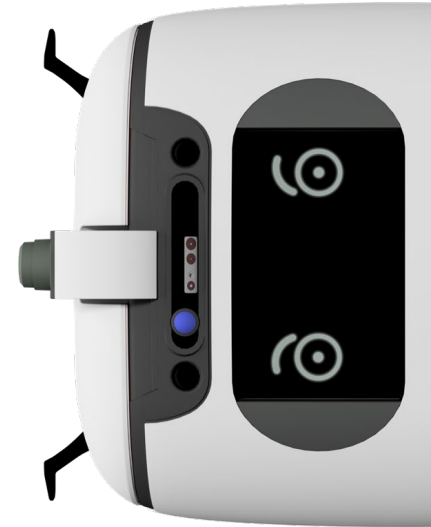
Vision 5G Adoption in Hong Kong as a Smart City

5G technology enables our robots to:

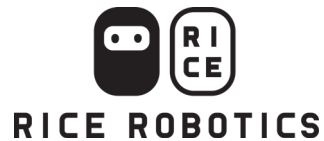
- Be safe & efficient,
- Be more interactive,
- Deliver a better user experience.

Synergy between robotics development and 5G technology:

- Our city will become more connected and innovative
- A solid move towards being an international Smart City



making the world more productive, creative, and accessible with
autonomous robots



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