



**CASE STUDY**

# **LIAN CHENG CONTRACTING**



**LIONSBOT**

Forward-thinking cleaning

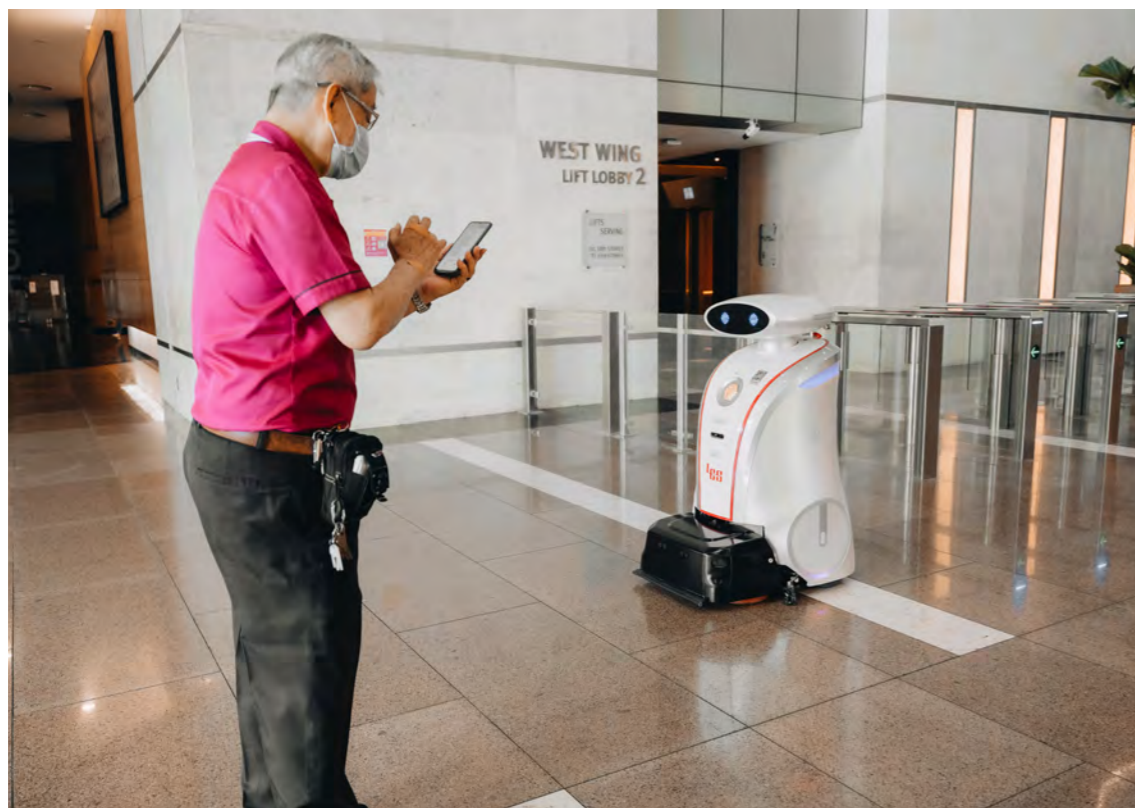
# MAINTAINING IMPECCABLE STANDARDS DURING A GLOBAL CLEANER SHORTAGE

Established in 1988, Lian Cheng Contracting prides itself on reliably and efficiently delivering cleaning services to a diverse range of jobsites and industries. A forward-thinking organisation, Lian Cheng strives to keep up-to-date with the latest processes and technology to support their team of over 480 cleaning professionals. Many of their projects are in the public sector—including town councils, government complexes, and the HDB Hub—where winning those tenders and keeping them requires a competitive bid to keep other industry giants at bay.

## THE CHALLENGE

In the Singapore landscape, a manpower-intensive industry like cleaning has a high reliance on migrant workers to fill the void and overcome the labour shortage. However, due to the COVID-19 pandemic and changing immigration policies, the government has restricted the number of migrant workers in Singapore, placing additional pressure on existing cleaning professionals who are tasked to do even more.

With the context of HDB Hub, a sprawling complex with immense human traffic, Lian Cheng's lean team has been strained and stretched beyond normal limits in order to continue upkeep the high standards of quality and productivity during this labour shortage.







## AN INDISPENSABLE PART OF ANY CLEANING TEAM

### THE SOLUTION

In the face of the manpower shortage, Lian Cheng decided to explore partial automation, partnering with LionsBot to deploy their very first cleaning robot. They selected the LeoScrub, a powerful and reliable auto-scrubbing bot that delivers exceptionally dry results—perfect for automating floor cleaning over large areas while increasing cleaning efficiency with real-time notifications on job status and alerts. In addition, the advanced obstacle avoidance technology allowed the LeoScrub to clean at all times of the day, even in high human traffic—a necessity for any cleaning solution at HDB Hub.

### THE RESULTS

The LeoScrub has since become an indispensable part of the Lian Cheng team, handling a lot of the more repetitive tasks and standardising both the time taken and the cost to clean the floor. This has ultimately resulted in a decrease in the overall cost of floor maintenance for the HDB Hub jobsite. This has also allowed the team to focus more on disinfection and better customer service rather than repetitive jobs like floor cleaning, saving up to 1 manhour a day.

“In the beginning, we were very apprehensive about cleaning robots—we just weren’t sure if it would be worthwhile. However, the LeoScrub has completely changed my mind. Its ease of use, powerful results, and consistency has made it a hit with the cleaners, who appreciate the lighter workload.”

*Eric, Ops Manager*

“I love watching visitors interacting with the robot—it’s very heart-warming to see their faces light up around the LeoScrub. This robot really makes my job easier, while brightening up the environment around it as well!”

*Lim Ah Lock, Staff*

### ROBOTS DEPLOYED



1X **LEOSCRUB**

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Made in Singapore

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