



CASE STUDY TWO

CHYE THIAM MAINTENANCE (CTM)



LIONSBOT

Forward-thinking cleaning

INDUSTRY LEADER, A SIGNATURE STANDARD



Chye Tiam Maintenance (CTM) is a very well-known cleaning industry leader in Singapore. Since 1979, CTM has continually delivered a wide range of premium cleaning services with impressive consistency and efficacy, thanks to its workforce of over 1,700 employees and investments in cutting-edge innovation. This has led to many retainers at prestigious job sites across Singapore, including the Changi Airport, Jewel, Resorts World Sentosa, and the Esplanade.

As one of the first customers of Lionsbot, CTM has always considered innovation as key aspect of their business, with a strong belief in using technology to deliver greater value to their customers, while upskilling their workers.

THE CHALLENGE

Maintaining a high level of cleaning quality in high traffic areas like the Esplanade has always been CTM's speciality, however with the advent of the COVID-19 pandemic, additional disinfection works have become an important part of the cleaning routine—often stretching the cleaning team to its limit. That, coupled with the pristine public image of the Esplanade, means that meeting their exacting hygiene standards within the assigned cleaning schedules have become a real challenge.



**NOTHING
INSPIRES
CONFIDENCE
LIKE REAL
RESULTS**

THE SOLUTION



To aid the team, CTM partnered with LionsBot to integrate cleaning robots into their workflow, aiming to lighten the workload of the cleaning professionals by handling the repetitive and traditionally time-consuming jobs like floor cleaning and vacuuming. With guidance from the LionsBot consultants, CTM was able to use the intuitive mapping feature to generate a cleaning map for the premise quickly and train the cleaners on how to use the robots and extract cleaning reports—with zero teething issues affecting their tight timelines.

THE RESULTS



X %

**MAN-HOURS
PER DAY
SAVED**



Starting with one LeoScrub at the Esplanade in 2019, the LionsBot robots have made a powerful impact to the cleaning team's productivity, saving up to a total of XX manhours a day.



**THE LIONSBOT
APP INCREASES
EFFICIENCY**



Since then, new cleaning robots have been added to the fleet every single year, allowing CTM to optimise their workflow even more with zero impact to labour cost, thanks to the LionsClean app allowing one operator to control multiple robots with ease. The robots also caused a stir, with visitors interacting with them frequently—an added attraction to the prestigious jobsite.



**AUTO GENERATED
REPORTS LEAD
=
INCREASED
CLIENT
SATISFACTION**



The LionsBot-generated cleaning reports are also consolidated on a monthly basis and presented to the client, giving them an overview of the entire jobsite's cleaning performance. This was particularly appreciated by the client, and has led to the deployment of the cleaning robots across 13 jobsites—a show of confidence for the adoption of LionsBot robots into the team.

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“The LeoBots are so easy-to-use and perform really well, too! Keeping this iconic place spotless for the tourists or visitors that come is a point of pride for me, and the LeoBots really help to make that so much easier. They help me keep to my cleaning schedules, and are a reliable part of the team that I know I can count on.”

Shankar Jeevarajah, Supervisor



“Everyone who sees the LionsBot cleaning robots at work is fascinated by its ease of operation, cleaning efficacy, and efficiency—it’s a real star around the jobsite! Its sleek looks were also very presentable, matching the prestigious surroundings and keeping clients happy when they see them roll past.”

Kevin Wu, Resident Manager

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ROBOTS DEPLOYED



1X **LEOSCRUB**
05 AUGUST 2019



1X **LEOSCRUB**
20 SEPTEMBER 2019



1X **LEOSCRUB**
22 SEPTEMBER 2020



1X **LEOVAC**
26 JANUARY 2021





LIONSBOT

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