



**CASE STUDY**

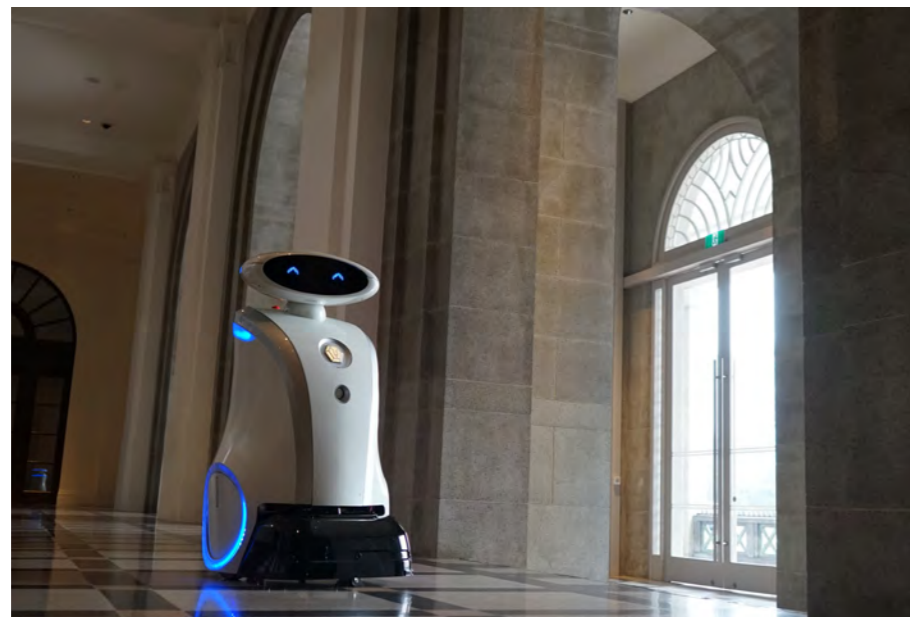
# **ABSOLUTE MAINTENANCE SERVICES**



**LIONSBOT**

Forward-thinking cleaning

# 19 YEARS OF EFFECTIVE CLEANING— WHAT'S NEXT?



**Absolute Maintenance Services** is a Singaporean cleaning services company specialised in cleaning for both commercial and industrial sectors. With 19 years of experience in the cleaning industry, Absolute prides itself on its ability to handle highly-complex assignments with customised and effective solutions, often blending impressive expertise with cutting-edge innovations to deliver a consistent, efficient service. Today, Absolute has more than 1,200 employees who service more than a hundred clients in a diverse variety of sectors in Singapore, including heritage buildings like the National Gallery of Singapore (NGS).

## THE CHALLENGE

Absolute regularly secures facilities management projects at prominent locations. However, when the facilities management contract with NGS came up for re-tender, Absolute wanted to change things up while remaining competitive—fully integrating robotics in their cleaning plan to deliver better quality, greater assurance, and lessen the workload on their cleaners—especially in the wake of the COVID-19 pandemic, with good cleaning professionals becoming increasingly hard to find.



## MAN AND MACHINE — A WINNING COMBINATION

### THE SOLUTION

Absolute was one of LionsBot's first customers, working with their team of cleaning consultants to devise and implement a suitable cleaning plan with their cleaning robots, utilising multiple LeoBots and the Rex to automate repetitive jobs like floor maintenance cleaning while optimising the robot's cleaning routes and schedules to maximise cleaning efficiency. The Absolute team was trained to operate the easy-to-use robots, using the cloud-based LionsClean app to operate multiple bots at once, and were also trained in reading the daily generated cleaning reports, keeping them up-to-date on cleaning quality.

The LionsBot robots were to be deployed at night, after the museum had closed, hence easing staffing concerns around the difficulty of finding workers for the night shift.



## THE RESULTS



25

MAN-HOURS PER DAY SAVED



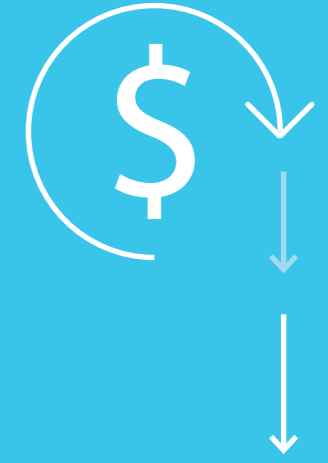
Since integrating the LionsBot robots into the NGS cleaning plan, Absolute has managed to save a combined total of 25 man-hours a day from the robots on cleaning duties. That allowed the team at Absolute to go the extra mile, providing more frequent disinfection and sanitisation services while still remaining within budget.



INCREASE IN EMPLOYEE SATISFACTION



The staff found the robots to be extremely easy to use, lightening their workload while delivering reliably exceptional cleaning results. Many of the staff had grown to rely on the robots, proving that initial cleaning professional fears about automation were resolved with the cleaning professionals happy with the partnership between human and cleaning robot.



REDUCTION IN TOTAL COSTS



Furthermore, the subscription model allowed Absolute to achieve better financial outcomes, improving their overall cost management. Floor cleaning has also become a controlled cost every month, eliminating the variability of manual cleaning and equipment maintenance.



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“The LionsBot’s cleaning robots have made my life so much easier! Previously it was so stressful to clean both the floors and the galleries within my assigned schedules, but now I’m able to rely on the different cleaning robots to handle the repetitive floor-cleaning, while I dedicate my time to manually disinfect the galleries and other detailed work. I can still monitor the robots through the LionsClean app too!”

*Alagu, Staff*

“We’re firm believers in using technology to enhance our cleaning services. With this range of easy-to-use robots from LionsBot, we can confidently deliver high quality cleaning without putting additional pressure on our cleaners. People also really love the look of the robots—it really blends in perfectly with the prestigious surroundings.”

*Ken Lee, CEO*

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## ROBOTS DEPLOYED



1X **LEOSCRUB**  
JULY 2019



1X **LEORAY**  
NOVEMBER 2020



2X **LEOMOPS**  
NOVEMBER 2020



1X **REX**  
DECEMBER 2021





**LIONSBOT**

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Made in Singapore

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