

Environment Service Department Machinery Corner

M M Moganedas Marnaghandi & Jack Lau Khoo Teck Puat Hospital (AHPL)



1. Introduction

Cleaning machines were located throughout KTPH in their respective work areas. This hindered redeployment in exceptional events.

Time was wasted just by locating machines for redeployment, resulting in delayed reaction time especially during heavy rain.

To reduce time taken for deployment, two main satellite parking areas were created and organised with shadowboards for clarity.

2. Methodology

Machines were relocated to the identified satellite parking areas at Basement 1 and Tower B Level 4.

Shadowboarding was also put up to indicate serial numbers as well as work and charging cycles.

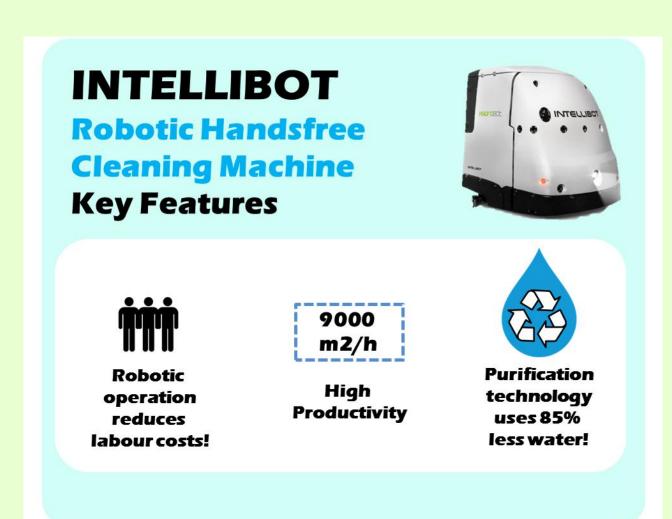
3. Results



Time taken to deploy the machines was reduced by 50%.

Before		After	
Areas	Reaction Time	Areas	ReactionTime
B105		B1	10-15
B2	30 mins		TO-T3
B1		4	mins
4			





Shadowboarding has made the management of machines more visual, ensuring that deployment and charging cycles are adhered to for better maintenance.

4. Conclusion

Deployment time of cleaning machines was reduced by **50**%

This reduced response time translates into improved safety for visitors and patients by keeping floor surfaces dry during heavy downpours and thus minimising the possibility of slip and fall incidents.