



Singapore Healthcare Management 2016



HOUSEKEEPING INNOVATION

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Need to enhance housekeeping capabilities

With rising recruitment costs, ageing local workforce, tightening of foreign labour quota and increasing demands, the Housekeeping Service team in TTSH faces increasing challenges in providing continuous and maintaining excellent cleaning standards. Thus the aim of the team is to look into automation to relieve its manpower constraints and to up its housekeeping capabilities.



Leveraging on vendor partnership

TTSH Housekeeping team together with its outsourced contractor, ISS Facility Service Pte Ltd, came together to explore automation options in the market to improve the efficiency of the housekeeping service. The collaboration between TTSH and ISS Facility Service Pte Ltd is an ongoing partnership to introduce more advanced cleaning technology to boost manpower productivity and operational efficiency.

In August 2015, TTSH became the first amongst the Singapore hospitals to bring in the "Cleanfix RA 660 Navi" Autonomous Scrubber and "Karcher BDP 50/2000" Ride-on Floor Burnisher to level up cleaning capabilities through automation.



Both machines were deployed to the medical centre block and the atrium after office hours at night for cleaning long stretches of corridors and wide floor areas. Not only are the machines faster, better and more efficient at cleaning floors, they relieve after office duty manpower challenges, and improved staff ergonomics, helping our aged workforce work better.



Introducing new members into the family to up our cleaning prowess

Cleanfix RA 660 Navi Autonomous Floor Scrubber



Highlights:

The Autonomous Scrubber is a "smart" robotic floor scrubber that is automated and navigates its way on its own, with minimal supervision. It is capable of scrubbing floors **50%** faster, helping to save **2 FTEs** annually.

Karcher BDP 50/2000 Ride-on Floor Burnisher



Highlights:

The Ride-on Burnisher is "cleaning vehicle" that is driven like a car and polishes floors **80%** faster. The machine is able to reduce the dust impact with a passive suction unit, and saves **2.2 FTEs** annually.



Keep it simple, never stop improving..

The simple use of equipment and technology showed that productivity improvements need not be difficult, rather it just requires a thorough review of your current operational challenges and to look hard into the existing available tools to make your operations better.