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SoftBank Robotics Singapore Pte. Ltd.

SoftBank Robotics Singapore Launches AI Commercial Vacuum Cleaner 'Whiz'

SoftBank Robotics Singapore Pte. Ltd. ("SBRSG") today announced the launch of 'Whiz,' the exciting new AI-enabled vacuum-cleaning robot, to commercial customers on a trial and subscription model in Singapore, bringing the smart appliance to the country.

The introduction of Whiz to Singapore marks a key milestone for SoftBank Robotics Group Corp. ("SBRG")'s expansion beyond Japan. Whiz is designed to optimize workflows in the cleaning industry and improve productivity. It works best on carpets and hard flooring.

"The introduction of Whiz to Singapore is a strategic decision as it is highly considered to be an important gateway to various markets within the Asia Pacific region. Through Whiz, we want to help our stakeholders boost their cleaning efficiency and productivity, and make SoftBank Robotics a long-term partner choice," said Kenichi Yoshida, Chief Business Officer at SBRG.

Whiz was recently launched in Hong Kong and will soon roll out to other markets in Asia. 200 Proof of Concept (PoC) trials have been done so far across 7 cities and more cities are being planned as well.

Whiz can record up to 600 cleaning routes, for which janitors can perform the initial floor cleaning with Whiz on the first day. Subsequently these routes are stored in Whiz, so it can clean the area autonomously on its own. Instructions are simple to follow and easy to use.

With its small-build and multiple collision detectors, Whiz can navigate its way close to walls and avoid obstacles with BrainOS, an operating system that helps determine the best route given the surrounding environment, while the notification pager can send real-time alerts in case of any unexpected issues. Whiz can clean areas up to 1,500sqm, the size of 3 basketball courts, for 3 hours on a 4-hour battery charge.

Whiz also comes with a smartphone app "Whiz Connect". Together with cloud data visualization, cleaning reports, status reports on Whiz can be gathered and analyzed.

The introduction of Whiz, an AI enabled and semi-autonomous vacuum cleaning robot is also aligned to the Singapore Government's push for more productive solutions for the Environmental Services (ES) industry under the Industry Transformation Map (ITM). One of the initiatives under the ES ITM, Productivity Solutions Grant (PSG) currently offers

funding support to eligible companies to procure autonomous robotic sweeper/cleaner such as that from SoftBank Robotics to increase the productivity of their cleaning operations.

Whiz will be offered under Robot-as-a-Service (RaaS), a monthly, "cancellable anytime," subscription. This subscription model is priced at SGD 499 per unit/month with an additional SGD 100 /month maintenance fee. Price is before Goods & Services Tax (GST).

To commemorate the launch of Whiz in Singapore, 1,000 units will be available for a free 30 days trial. Cleaning services companies may apply it together with a property owner or manager. Other pre-qualifying terms and conditions apply.

Interested commercial companies may sign up from now to October 31, 2019 at <https://www.softbankrobotics.com/apac/>.

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About SoftBank Robotics Group Corp.

SoftBank Robotics is driving technology forward by becoming a worldwide leader in robotics solutions. Rapidly expanding with over 500 employees working in Tokyo, Paris, San Francisco, Boston and Shanghai SoftBank Robotics is constantly exploring and commercializing all robotics solutions that help make people's lives easier, safer, more connected, and more extraordinary. There are currently over 25 000 SoftBank Robotics robots, Pepper and NAO, used in more than 70 countries worldwide and offer innovative applications relevant for the fields of retail, tourism, healthcare, finance and education.

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