

# AI Cleaning Robots Have arrived in Australia

*Smart technologies powered by sensors, data and artificial intelligence are helping to transform their facilities, and the world of robotic cleaning.*

MELBOURNE, VICTORIA, AUSTRALIA, June 27, 2023 /EINPresswire.com/ -- Smart technologies powered by sensors, data and artificial intelligence are helping to transform the way organisations manage their facilities, as costs come down and the world of robotic cleaning and concierge services becomes a reality.



AI intelligence Robots Cleaning GJK Facility Services

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Robot cleaners are no longer just science fiction. Supplied.

“The idea is about making the facility far more intelligent so that cleaners aren’t responding to pre-programmed, uninformed and unproductive schedules,” Stamas says. “They’re responding to the data and that’s really exciting.”

Stamas, who is also Victorian president of the nation’s peak building services body, the Building Service Contractors Association of Australia, says data from IoT devices can let

cleaners know when it’s time to clean frequently touched surfaces like lift buttons and handrails, improving efficiencies and results.

“What we’ve learned in this space is that with the introduction of any new technology, it’s that to be effective staff must be a part of that program and have an understanding of how the

technology will help and support their work," he says.

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"We've deployed multiple sensors, including people counters, air quality sensors, spill sensors or capacity sensors in things like bins, soap dispensers and paper hand towel dispensers.

"There is increased touchpoint cleaning in the context of the pandemic - we concentrate on surface treatments or spend time improving the visual appeal of a facility."

Robotics is another area that is rapidly gaining traction as machines take over more mundane duties long performed by humans.

In Australia, for now, the main tasks robots are performing are simple cleaning of floors – a repetitive, low dexterity task – but in international facilities they are learning and performing other tasks like fetching supplies or delivering lab samples in hospitals, or taking warehouse inventory and doing security patrols.

But just as the robots are using AI to learn, the real revolution for humans is also one of improving skills, Stamas says.

"Cleaners' roles will change with the rise of robotics and automation in our industry and we're already seeing that now," he says.

"A lot of our cleaners, particularly in those spaces where the robots are freeing them up, have been trained in how to do maintenance and handyman work onsite as well.

"These are high-dexterity tasks right that a robot can't do, but the cleaners are onsite and they've now got the excess capacity, so they're able to offer our clients that additional service."

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GJK Facility Services

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