

ions BRAIN.
empower ai

**A Smarter
Kind of Clean**

ROBOTIC FLOOR CARE SOLUTIONS POWERED BY BrainOS®

self-driving
care autonomy
innovation
ROBOTS



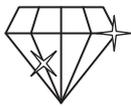
Brain Corp is Transforming the Cleaning Industry

FLOOR CARE'S LEADING AUTONOMY SOLUTION PROVIDER

BrainOS®, Brain Corp's commercial robot operating system, enables cleaning equipment to navigate complex and dynamic environments with its intelligent, self-driving technology.

By partnering with leading equipment manufacturers, BrainOS has emerged as the standard technology for autonomous floor care solutions. Machines powered by BrainOS integrate with an off-the-shelf sensor suite and Brain Corp cloud technologies, allowing for the highest level of safety and cleaning performance. These best-in-class machines work seamlessly alongside teammates, allowing end-users to continue working with established industry standard and trusted equipment.

KEY BENEFITS OF ROBOTIC FLOOR CARE



IMPROVE CLEANING CONSISTENCY AND COVERAGE

Better meet scope of work

Increase customer satisfaction and customer experience



MAXIMIZE TEAM PRODUCTIVITY

Enable team members to work on higher-value tasks

Mitigate losses from absenteeism and high turnover



LEVERAGE IN-DEPTH REPORTING FROM THE CLOUD

Assess performance and utilization daily

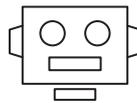
Prove cleaning coverage and compliance



WORK WITH KNOWN EQUIPMENT

BrainOS powers equipment made by, sold by, and serviced by industry leaders

Machine can be used in both robotic and manual modes



LEAD WITH CUTTING-EDGE TECHNOLOGY

Strengthen product offering to customers

Lessons learned by one machine make the entire fleet smarter

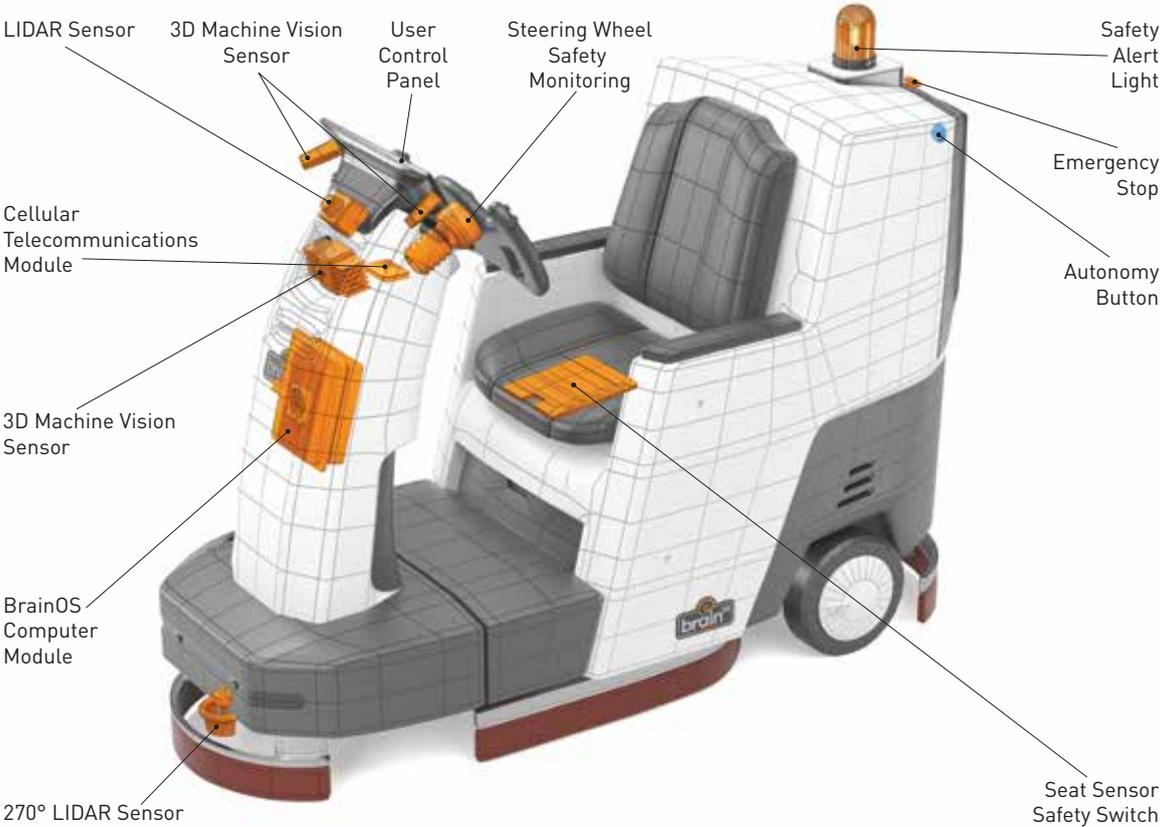


SET UP AND DEPLOY WITH MINIMAL EFFORT

End-users can easily train multiple autonomous cleaning routes

No specialized technical team required

The Anatomy of Autonomy



ROBOTIC SCRUBBER



VACUUM SWEEPER

Key Robotic Features



SENSOR SYSTEM SAFETY ZONE

BrainOS-powered machines are equipped with an off-the-shelf sensor and computer module and software that has multiple redundancies to create a “safety zone” around the machine. This multi-layer sensor system perceives the surrounding environment, detecting and avoiding people and obstacles. The machine is furnished with seat and steering wheel sensors to deter unauthorized use.



CONTROLLED SPEEDS

The machine operates at a max speed of 2.2 mph (1 m/s) while operating autonomously. Average speed is based on complexity of the environment and varies based on how many obstacles and people are present.



SIGNALS AND ALERTS

The machine is equipped with a variety of visual and audible alerts that help ensure safe operations. Turn signals, beeps, and warning lights help convey information while in use. Plus, users can pair a mobile phone and receive notifications about the machine’s performance during its operations.



CLOUD-CONNECTED

Cloud-based reporting, complete with visual heat maps of exact areas cleaned, provides a clear view of scrubber operations, enabling the identification of areas that get scrubbed too frequently or not enough. New software updates are pushed via the cloud, which means that what one robot learns can be quickly transferred to an entire fleet.

BRAKING DISTANCE

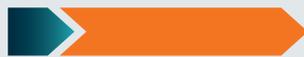
While operating autonomously, the machine stopping distance is approximately half that of a human operator, ensuring maximum safety at all times.



AVERAGE HUMAN STOPPING DISTANCE



BrainOS STOPPING DISTANCE

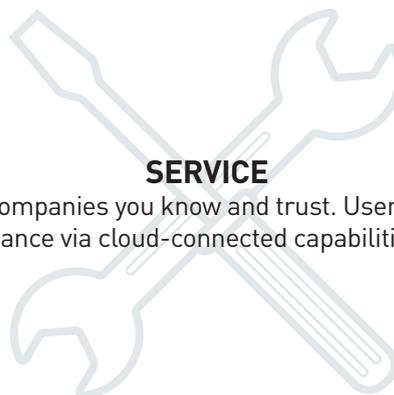


■ THINKING DISTANCE

■ BRAKING DISTANCE

SERVICE

Experience the same levels of service from companies you know and trust. Users also have the ability to monitor and diagnose fleet health and performance via cloud-connected capabilities and in-depth reporting.



BrainOS: The Industry Solution

Brain Corp's BrainOS technology is a commercially proven, cloud-connected operating system for autonomous robots. In-market since 2015, BrainOS is currently powering thousands of robots across different environments and geographies.

TRUSTED

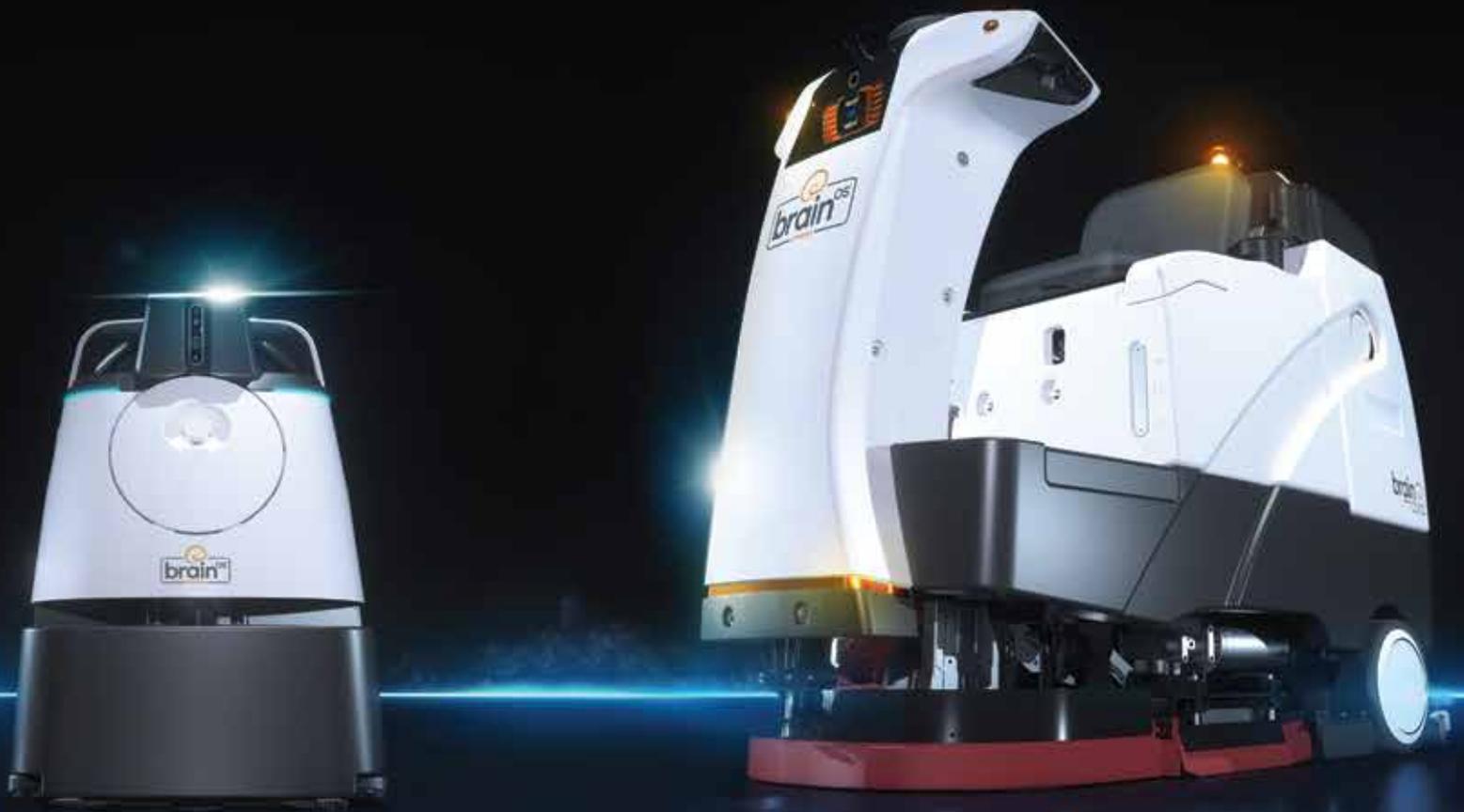
- Used by best-in-class manufacturers, robotics companies, and leading retailers, including ICE, Minuteman, SoftBank Robotics, Tennant, and Walmart
- Fleet-generated data and real-world edge cases ensure safety, quality, and consistency across all BrainOS-powered machines

FLEXIBLE

- Powers machines that work across complex, indoor environments with people and objects
- Provides an all-in-one solution, mitigating the need for additional cloud services or environmental retrofits

COMPREHENSIVE

- Full suite of core technical building blocks allows manufacturers of autonomous machines to focus on product differentiation, value and after-market support
- Features best-in-class support throughout the product life cycle



About Brain Corp

Brain Corp is a San Diego-based AI company creating transformative core technology for the robotics industry. Brain Corp's comprehensive solutions support the builders of today's autonomous machines in successfully producing, deploying, and supporting robots across commercial industries and applications.

Brain Corp is funded by the SoftBank Vision Fund and Qualcomm Ventures.

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At Brain Corp, we envision a world where the lives of people are made safer, easier, more productive, and more fulfilling with the help of robots. Such robots will be as commonplace as computers and mobile phones are today.

Dr. Eugene Izhikevich
Co-Founder, Chairman & CEO

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Brain Corp named
World's #1 Autonomy Solution Provider
for Mobile Robotics by ABI Research

ABIresearch
for visionaries



NEW solutions

COST-EFFECTIVE

advanced

NAVIGATION

FLOOR

artificial intelligence

CHANGE

future



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