



ROBOTIC FLOOR CARE SOLUTIONS POWERED BY BrainsOS®

A Smarter Kind of Clean



Transforming the Cleaning Industry

Floor Care's Leading Autonomy Solution Provider

Brain BrainOS®, Brain Corp's industry leading AI software, 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

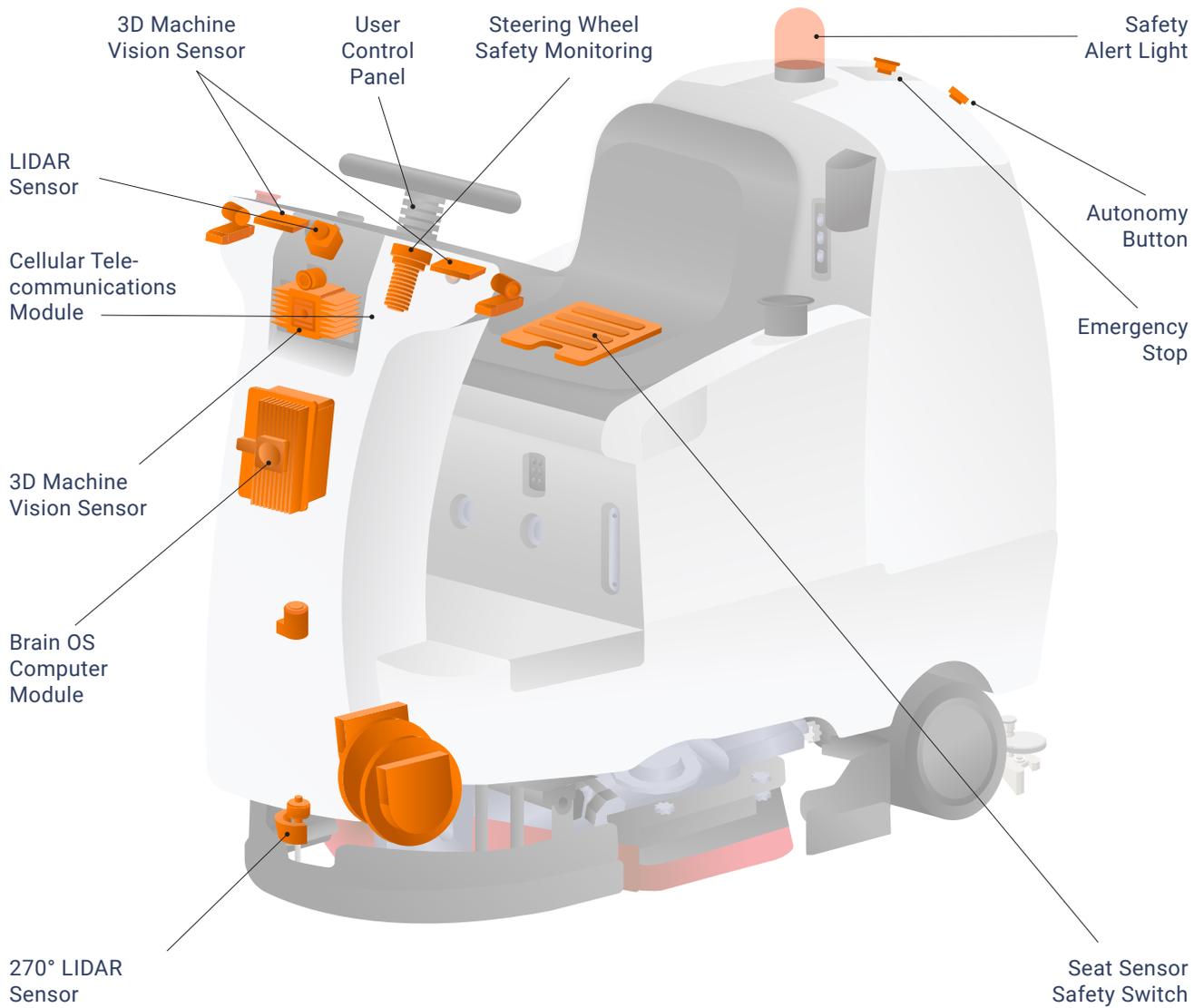
Strengthen product offering to customers
Lessons learned by one machine make the entire fleet smarter



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

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.



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 and leading retailers.
- Fleet-generated data and real-world edge cases ensure safety, quality, and consistency across all BrainOS-powered machines



EFFICIENT

- Powers machines that help enhance productivity in complex and dynamic environments
- Provides cloud connected management tools to connect your physical operations with easy to manage digital workflows.



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

"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



Brain Corp Named
World's #1 Autonomy Solution Provider for Mobile Robotics by

ABIresearch
for visionaries



About Brain Corp

Brain Corp is the global leader in robotic AI software that powers the largest fleet of autonomous mobile robots (AMRs) operating in commercial public spaces. Global OEM partners use the company's cloud-connected platform, BrainOS[®], to create scalable, self-driving robots that are used by end customers to clean floors, move inventory, and sense environmental data to enable the digital transformation of physical workflows. Fortune 500 brands across multiple verticals benefit from the growing portfolio of BrainOS[®]-powered robots and our industry leading privacy, safety and efficiency tools that make managing and scaling automation easier. Brain Corp currently powers more than 16,000 AMRs, representing the largest fleet of its kind in the world. For more information, visit www.braincorp.com.



Copyright ©2021 Brain Corporation ("Brain") All rights reserved.
BrainOS[®] is registered trademark of Brain Corporation.

