Whiz

CUTTING EDGE AI FOR ELEVATED HEALTH & SAFETY

Changing Professional Cleaning with Breakthrough AI Navigation Technology

INNOVATION
Leverage robotics and automation to help drive brand value, differentiate from the competition, and move your business forward.
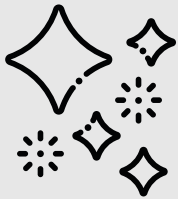
RESILIENCE
Use SoftBank Robotics Connect to help reinvent and monitor your physical environment with adaptable technology and real-time data.

EXPERIENCE
Having a Whiz on your team can help to meet and exceed expectations to attract customers and talent, improve productivity, and foster revenue growth in your ecosystem.

CLEANLINESS
Whiz aids in increased cleaning frequency, coverage, efficacy, and HEPA filtration so that you can live healthier in your day-to-day spaces.

EASY TO USE
With an easy, out-of-the-box setup that can be completed in approximately 15 minutes (excluding mapping and training), teams can start benefiting from Whiz right away.

COVER MORE GROUND
Whiz learns all the routes your team needs—and can clean up to 5,000 sq.ft. per hour.

NEW REAL-TIME ALERTS
SMS Notifications or the notification pager alerts your team when Whiz completes a route - or if it needs a hand.
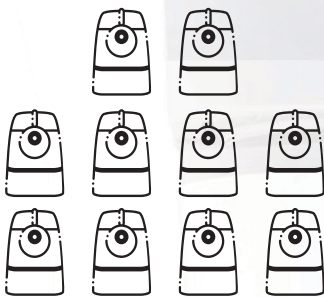
SAFETY AND PERFORMANCE
Whiz autonomously avoids people, glass walls, cliffs, and other hazards.

AUTONOMOUS AND MANUAL MODES
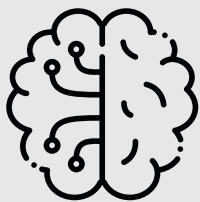Let Whiz do the work, or take control when you need to.

CONFIRMED CLEAN
Whiz delivers robust cleaning performance data that can easily be shared with critical stakeholders.

SoftBank
Robotics

>20,000
Whiz **DEPLOYED**
world-wide

>1.5 Billion*
SQUARE FEET
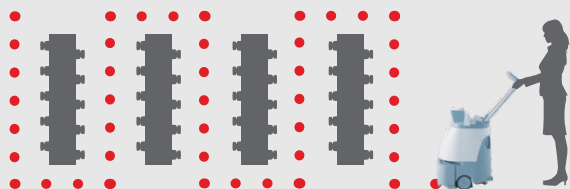**COVERED** by Whiz

*In North America

LEARN

Simple to Use. Simple Set-up. Teach a cleaning route and press the start button. It's that simple.

Create a route (Teaching)

1. Set the Home Location Code as the starting point.

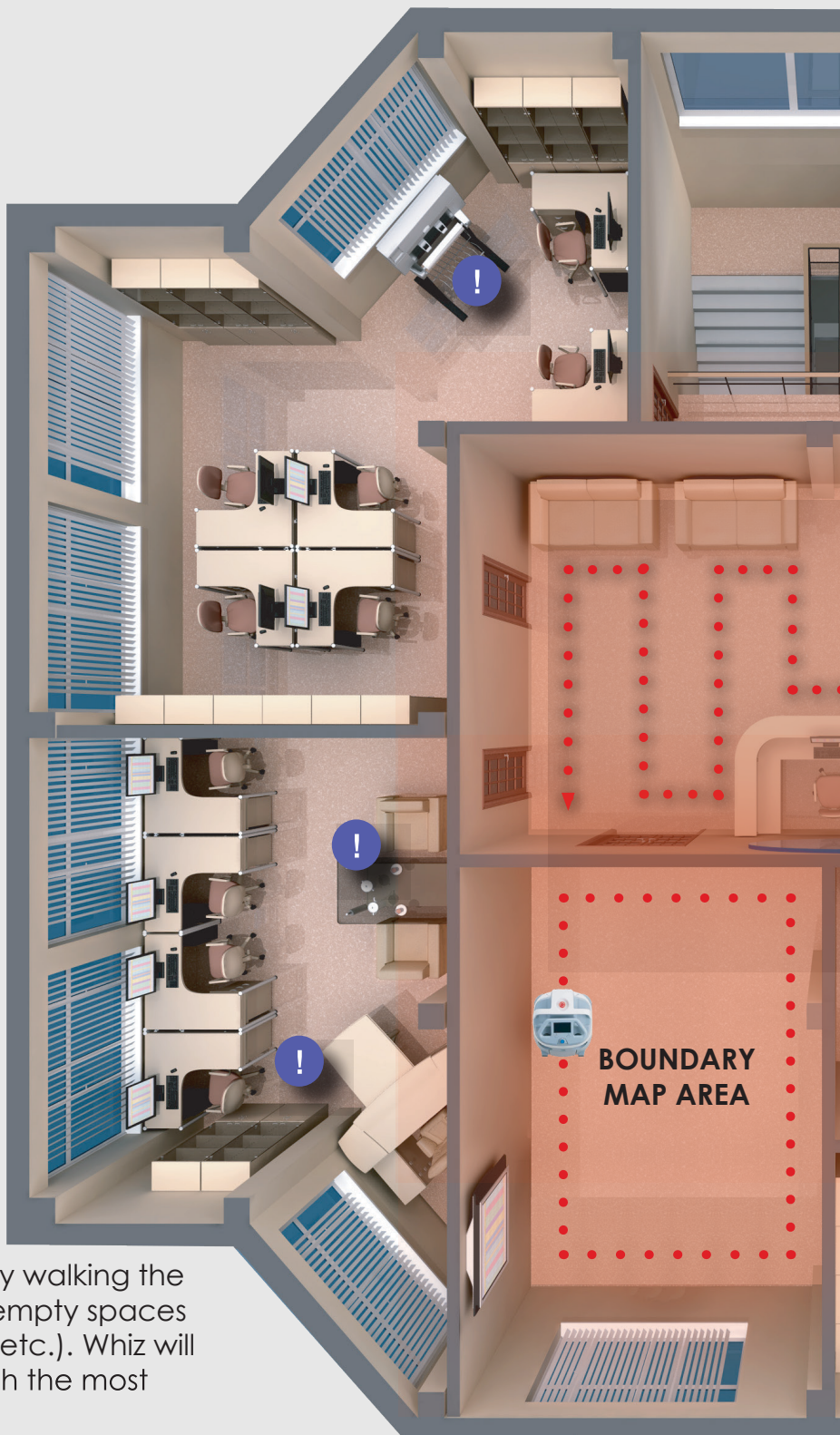Use the Home Location Code to define start and end points.

2. Manually push Whiz through the cleaning route to teach.

Moves autonomously along the cleaning path. After initial use, simply press the start button for autonomous cleaning. Capable of memorizing six routes per HLC.

User can also teach a boundary map by walking the border of a space, best used for large empty spaces (ballrooms, empty conference spaces, etc.). Whiz will then determine and fill in the border with the most efficient way to clean the space.

BOUNDARY MAP AREA

ADAPT

Whiz detects and avoids obstacles, responding to environmental changes.

Multiple sensors detect obstacles, stairs, and human movement. Whiz avoids objects or stops until the route clears. Whiz can access and clean narrow spaces, even along hallway wall edges.

DETECTS OBSTACLE
Avoids obstacle and continues cleaning.
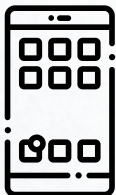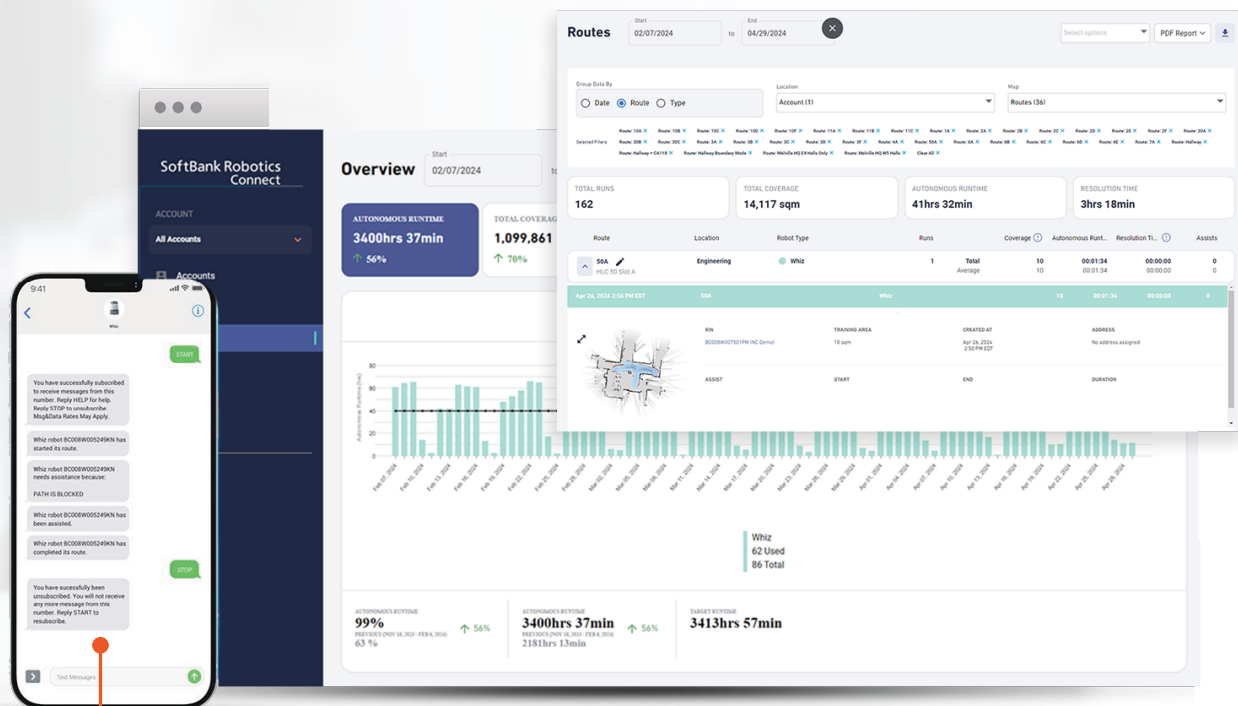
DETECTS MOVEMENT
Pauses to evaluate environment and to determine best way to continue with route.

CLEANING ROUTE AREA

TOTAL CONTROL

SoftBank Robotics Connect, a cloud-based data and reporting platform for Whiz, combines cleaning metrics and data-driven analytics features to help monitor and improve your environment's health and safety. Whiz is powered by BrainOS, an intelligent navigation platform.

INSIGHTS: Understand your Whiz's performance and the value you get from your robots. Use the reports to track towards business goals, manage routes and locations of your units, and receive actionable suggestions to get the most out of Whiz.

SMS TEXT NOTIFICATIONS: Stay informed of Whiz activity with SMS text support for operations managers and team leads. Receive near-time texts on your mobile device of assist notifications from specific robots to avoid delay in cleaning.

SPECIFICATIONS

ROBOTIC OPERATING SYSTEM

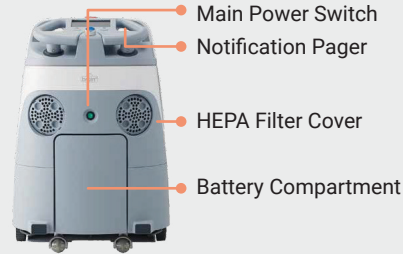|	
BrainOS	Autonomous navigation software
Safety Features	LIDAR sensors detect and maneuver around people, objects, and cliffs

HARDWARE FEATURES

Size	18.6 in x 17.9 in x 25.7 in
Battery	Lithium ion; 23.7 Ah, 25.2V *(Unit comes with two swappable batteries)*
Run Time	Average 3 +/- hours on a single charge depending on regular or max power mode
Dust Bag Capacity	4.0 L
HEPA Filtration	Yes
Noise Level	Normal mode 62 db
Consumable Parts	HEPA filters, dust bag, brush, home location code
Weight	Machine weight: 66 lbs / 30 kg Battery weight: 11 lbs / 5 kg
Cleaning Productivity	Up to 5000 ft^2 - 6000 ft^2 / hour
Max Speed	1.1 mph

PARTS/FUNCTIONS

FRONT

- 2D/3D Camera (Sensor)
- Dustbin
- LIDAR Sensor

25.7 in — 17.9 in

BACK

- Main Power Switch
- Notification Pager
- HEPA Filter Cover
- Battery Compartment

TOP

- Emergency Stop
- Touch Display
- Steering Handle
- Max power Mode
- Autonomous Clean Start/Stop Button
- Vacuum Power

18.6 in
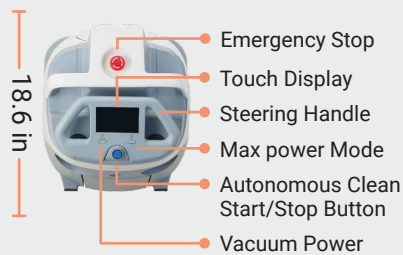
Notification Pager
2.3 in x 3.9 in x .70 in
(Width, Length, Depth)

Home Location Code
3.5 in x 3.15 in

SUPPLIES

Includes charger, home location code, vacuum motor, and other accessories.

Paper Bag
Easy disposal,
4L max capacity

Brush
Removable rotating brush,
auto height adjusting

HEPA Filter
Captures particles,
including pollen and dust

Battery
Swappable lithium
ion battery

Canon

usa.canon.com/cleanrobotics

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