



Q: What is BrainOS® Clean 2.0?

A: Advanced AI autonomy for simple and intelligent autonomous performance. **BrainOS® Clean 2.0** is the next evolution of BrainOS®, combining advanced AI autonomy, visual intelligence and workflow aware automation that allows robots to dynamically plan and optimize routes, adapt in real time and deliver. This will be only available on X4 ROVR & X6 ROVR.

Q: When does BrainOS® Clean 2.0 software go live on machines?

A: **BrainOS® Clean 2.0** will be rolling out initially April 6th to select retail customers followed by all retail, education, healthcare, and industrial customers. Future communication will be provided regarding rollout timing for existing customers.

Q: How will this impact my operations?

A: **BrainOS® Clean 2.0** is built with workflow aware automation that allows Tennant robotic equipment to run scheduled cleaning, prioritizes Point of Interest, auto resumes after machine interruptions and manages charging automatically to seamlessly work into daily routes & processes with minimal oversight. Proven results to date, **BrainOS® Clean 2.0** has delivered tangible operational improvements:

- **Expanded Coverage:**
Autonomously assesses the environment to optimize floor cleaning, removing the constraints of rigid, manually taught routes.
- **Improved Autonomy:**
Dynamically adapts cleaning paths, drastically reducing the need for manual interventions.
- **Increased Productivity:**
Generates highly efficient, low-redundancy cleaning paths to prioritize unique areas.

Q: What is on this software and why is important?

A: **BrainOS® Clean 2.0** combines optimized paths, visual intelligence & real time route adaptations. **BrainOS® Clean 2.0** delivers more consistent cleaning performance, more complete coverage and fewer interruptions in every clean. Using AI along with sensor suite on Gen 3 machines (X4 ROVR & X6 ROVR), data generated provides information to determine the most effective path to clean areas as compared to human route deployments that cause variability in route training and execution.

Q: What is SelfPath™ AI?

A: SelfPath™ AI is a new way of cleaning in addition to Teach & Repeat as well as Area Fill. This new feature is an autonomous route generator that intelligently optimizes every cleaning task. SelfPath™ AI is a BrainOS® feature that enables robots to autonomously plan, adjust and optimize their cleaning paths, delivering a higher level of cleanliness with greater autonomy, consistency, efficiency and coverage with every cleaning route.

Q: Will Teach and Repeat and Area Fill still be available and what happens to my existing routes?

A: Yes, Teach and Repeat and Area Fill will still be available in addition to the new SelfPath™ AI. Existing routes will remain stored on your machine(s).

Q: Are there any additional tasks that I need to do?

A: BrainOS® Clean 2.0 will automatically download to your machine(s) after being targeted. No additional steps need to be taken in order to ensure your machine will receive this software update.

Q: Where can I find training resources and support from Tennant Sales and Service Company?

A: When BrainOS® Clean 2.0 has been downloaded onto your machine, there will be training prompts on the user interface screen that will automatically pop up. These pop-up prompts will walk through the changes and new features. Additional training and information is available through your local Tennant representative as well as online at https://www.tennantco.com/en_us/machines/technologies-and-innovations/robotic-cleaning-machines/clean-2-0.html