Quasi Robotics Announces Version 3.1 Software Update for Model C2 Autonomous Mobile Robots

Version 3.1 delivers enhanced navigation, safety, localization, and usability - driven by real-world customer feedback.

FREDERICK, MD, UNITED STATES, February 11, 2026 /EINPresswire.com/ -- Quasi Robotics today announced the release of Version 3.1 of its software platform for the Model C2 line of Autonomous Mobile Robots (AMRs). Building on the robust foundation introduced in Version 3.0, the 3.1 update delivers meaningful improvements across navigation, safety, fleet management, diagnostics,

Model C2 AMR

and user experience - further strengthening the Model C2 platform for enterprise-scale deployment.

Version 3.1 reflects Quasi Robotics' continued commitment to rapid innovation guided by direct customer feedback. The update focuses on making AMRs more predictable, safer, easier to manage, and more intuitive for operators in complex, real-world facilities.

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These enhancements were driven by customer feedback from real-world deployments. Our goal is to continuously refine the Model C2 experience - making our robots safer, smarter, and easier to operate."

Max Didenko, COO

Key Enhancements in Version 3.1:

Improved Route Management & Operator Experience
• The "Go to Next Waypoint" interface now displays a description of the upcoming waypoint, providing operators with clearer situational awareness.
• Routes now preserve their display order from Cloud Connect, with a new option to manually reorder routes

directly in Cloud Connect.

• After completing a route, the touchscreen UI remains on the Routes tab, improving workflow efficiency.

• Added ability for AMRs to resume the last interrupted or failed route, minimizing operational downtime.

Navigation, Mapping & Zone Intelligence

• Enhanced path validation logic significantly reduces unnecessary path replanning during navigation.

• General improvements to navigation, route planning algorithms, and obstacle avoidance increase reliability in dynamic environments.

• AMRs can now navigate out of Keep Out / No-Go zones, improving recovery behavior in edge cases.

• Added support for Automatic Door zones, Sound zones, and Ramp / Slope zones in Cloud Connect, enabling more accurate and facility-aware navigation.

• Improved ramp and slope handling delivers smoother approaches and safer traversal.

• During area mapping, the UI now displays the map graph, helping operators build higher-quality facility maps. The graph can also be optionally displayed during normal usage or navigation.

Safety & Reliability Improvements

• AMRs will not initiate navigation while charging, ensuring safer operation and preventing unintended movement.

• Expanded diagnostics with new LiDAR health monitoring available directly on the cart UI.

Expanded Hardware Support

• Added support for four additional floor level Time-of-Flight (ToF) sensors for Model C2 Large and Model C2 PartPorter, further enhancing perception and obstacle detection.

Global-Ready User Interface

• Touchscreen UI now supports language localization, with new languages including Spanish, French, German, Korean, and Japanese, making the Model C2 platform more accessible to global teams.

A Platform That Evolves With Its Customers
"Version 3.1 represents a thoughtful evolution of an already solid platform," said Max Didenko, COO of Quasi Robotics. "Many of these enhancements were driven directly by customer feedback from real-world deployments. Our goal is to continuously refine the Model C2 experience - making our robots safer, smarter, and easier to operate at scale."

The Version 3.1 software update is available immediately for the Model C2 line of Autonomous Mobile Robots and can be deployed via an online software update directly from the robot's user interface.

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