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Media contact
Muriel Guilbert
muriel.guilbert@agileo.com

Agileo Automation Appoints Semitorr – CTW Solutions As Distributor Of E84 PIO Box and Speech Scenario For North American Fab Market

Combined software/hardware solution enables chip makers to conduct comprehensive compliance tests of semiconductor manufacturing equipment upon integration in wafer fabs

SEMICON West, San Francisco, USA, October 14, 2026 – Agileo Automation, a leading global provider of control, connectivity, and testing solutions for semiconductor manufacturing, today announces that it has appointed Semitorr – CTW Solutions as distributor of its E84 PIO Box/Speech Scenario combined solution for the North American fab market. The company is a critical parts, materials, equipment, repairs, and value-added services supplier based in Austin, Texas. Agileo's software/hardware solution enables chip manufacturers to conduct comprehensive compliance tests of semiconductor manufacturing equipment and accelerate their integration in wafer fabs.

The E84 PIO Box is a plug-and-play handheld device that offers a lightweight interface for fab staff to test semiconductor equipment software for compliance with SEMI's E84 and GEM300 standards suite for automatic carrier delivery upon commissioning in the fabs. It improves the readability, identification, and validation of E84 signal exchanges and functional aspects in cleanrooms or workshops. When integrated with Agileo's Speech Scenario software that emulates the fab host and validates the SECS/GEM interface with predefined test scenarios, the E84 PIO Box can easily emulate automated carrier delivery systems such as overhead hoist transport or automated guided vehicles. It is able to detect non-compliance and other functional issues thanks to its close alignment with SEMI's E84 standard.

The solution also supports fab modernization programs in which automated carrier delivery is extended beyond traditional overhead transport systems. By emulating hand-off sequences involving automated guided vehicles (AGVs) and autonomous mobile robots (AMRs), it enables fabs and equipment manufacturers to validate E84 interfaces before deployment, reduce integration risks, and prepare existing or new equipment for flexible automated material handling.

“CTW Solutions stood out for their deep, hands-on experience supporting semiconductor and high-technology industries across North America,” explains Marc Engel, CEO of Agileo Automation. “Their expertise and relationships in this market make them the ideal partner to accelerate Agileo's growth in the region and we are thrilled to welcome them to the Agileo family of distributors.”

“Chip makers face intense pressure to demonstrate E84 compliance quickly and reliably when integrating new semiconductor equipment into their wafer fabs. Agileo's combined E84 PIO Box and Speech Scenario solution is the most complete, field-proven answer to that challenge,” adds Lamont Humphrey, vice president and business unit manager for Semitorr – CTW Solutions. “Representing Agileo in North America is an exciting opportunity and we look forward to bringing this capability to our customers.”

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About Agileo Automation
Agileo Automation is a trusted partner for equipment manufacturers, helping them build smarter, automated, and more connected machines that integrate seamlessly into advanced semiconductor fabs. Founded in 2010 in Poitiers, France, Agileo helps OEMs with control, communication, data acquisition, and testing across their tools through proven software and expert support. Its flagship A²ECF-SEMI framework provides a solid foundation for developing equipment controllers fully aligned with SEMI SECS/GEM, GEM300, and EDA standards. As an active member of SEMI and the OPC Foundation, Agileo Automation contributes directly to shaping the standards that drive manufacturing. For more information, please visit our website or follow us on LinkedIn.