FOR IMMEDIATE RELEASE

Media contact
Muriel Guilbert
muriel.guilbert@meolestrategy.com

Agileo Automation Launches Agil'SECS-II to Enable Semiconductor OEMs, Multi-Industry Fabs, and Labs to Accelerate Equipment Integration on Production Lines

New SECS-II library helps fabs and OEMs integrate semiconductor tools with the MES in hybrid manufacturing sites, ensuring faster time to market and limiting integration costs

MUNICH, November 18, 2025 – Agileo Automation, a leading provider of control and connectivity solutions for global semiconductor manufacturing, today unveils Agil'SECS-II at Booth #C2518 at SEMICON Europa 2025. This new SECS-II library, featuring built-in SEMI standard communication, enables a manufacturing execution system (MES) to accelerate the integration and validation of hybrid semiconductor and traditional manufacturing tools on production lines, ensuring faster time to market, lower integration costs, and reduced deployment risks. With this connection gateway, users can send and receive any SEMI SECS-II-compliant message as host or equipment for full GEM and GEM300 equipment integration and validation. This product can prove valuable for a variety of customers:

- **Pure semiconductor original equipment manufacturers (OEMs)** that need a practical way to develop an MES simulator and exercise their equipment under fab-like conditions. For small production lines or multi-tool set-ups exchanging data through SECS/GEM, Agil'SECS-II allows OEMs to design, test, and validate their equipment efficiently before shipping it to fabs.
- **Customized, multi-industry, or low-volume production sites** that use an MES system to integrate both traditional production machines and semiconductor tools. Agil'SECS-II simplifies integration in mixed equipment environments, especially where the MES cannot use SECS/GEM because most tools rely on protocols such as OPC UA, Modbus, or MQTT, yet semiconductor equipment using SECS/GEM must be integrated within the same MES.
- **Laboratories and pilot lines** without a full-featured MES that require a driver to collect data from various types of manufacturing equipment, including process, inspection, and metrology tools, to ensure quality and process control as well as complete traceability.

"With Agil'SECS-II, we wanted to provide a flexible tool that can serve multiple types of customers who can benefit from a proven software foundation built on more than 15 years of deployment experience in semiconductor fabs worldwide," explains Marc Engel, chief executive officer of Agileo Automation. "Our SECS-II driver is especially useful for validating the processes of hybrid fabs that combine semiconductor and non-semiconductor manufacturing equipment, such as silicon carbide (SiC) wafer production lines or advanced packaging lines. It enables product and process traceability with legacy MES and helps OEMs developing equipment for these lines create MES simulators to verify information flow between tools using heterogeneous communication protocols."

- ends -

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 Automation helps OEMs optimize control, communication, data acquisition, and testing across their tools through proven software frameworks, applications, 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 Industry 4.0 manufacturing. For more information, please visit our website or follow us on LinkedIn.