



The Agileo Automation SECS/GEM driver provides a software device encapsulating SEMI standards which are required to establish communication with a host computer device/network.

The software includes SECS/HSMS, SECS-II communication layers as well as GEM protocol communication capacity along with a C# API to gain an object-oriented access to the equipment communication interface.

Full equipment integration can be reached through the Agileo Automation SECS/GEM driver no matter what level of communication protocol or communication line required by the equipment.

GEM Services

- › Equipment communication state and control state
- › Process program
- › Collection event sending (S6F11)
- › Variable data collection
- › Status data collection
- › Remote control (S2F41/ S2F49)
- › Alarm management
- › Equipment constants
- › Clock
- › Trace data collection
- › Limits monitoring
- › Customization availability for any SECS-II compliant message format

Advantages

- › Rapid and professional user interface
- › Price competitive solution
- › Built-in SEMI standard communication functionalities
- › TCP/IP or RS-232 connection availability
- › Quick and optimized integration
- › Offsite and onsite software support
- › Integrated tracing capability
- › C# interface, COM/DCOM available as an option
- › Available on Microsoft Windows® (x86/x64) and Linux

Supported SEMI standards

- › E4 SECS-I (serial protocol)
- › E37 HSMS-SS (ethernet protocol)
- › E5 SECS-II
- › E30 GEM