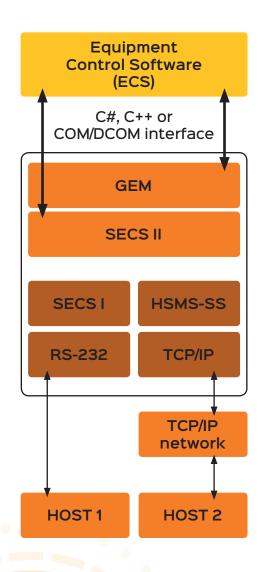


## SECS/GEM driver





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 SECSI/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

## Supported SEMI standards

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

## 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

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