

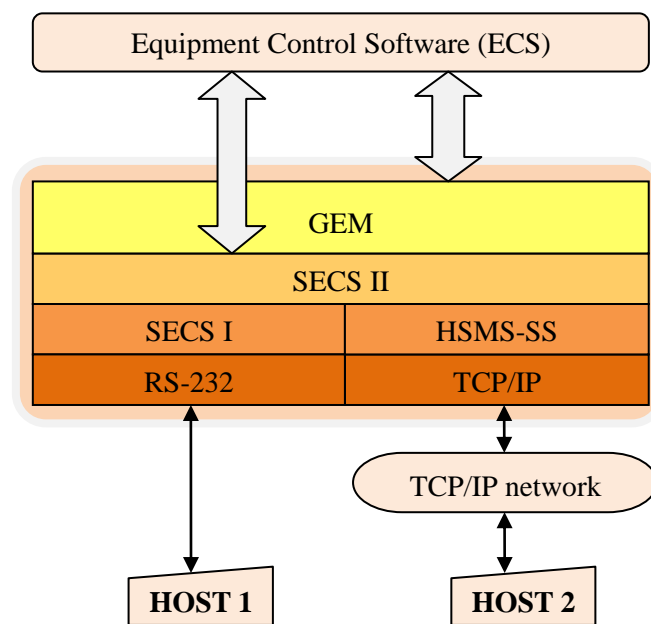
## Agileo Automation – SECS/GEM driver

**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 pre-defined set of C# interfaces 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. The software API is extremely flexible in order to reduce the knowledge required for it to be used and this to optimize a user friendly environment and reach end-user and global customer satisfaction.

### GEM Services:

- Equipment communication state and control state
- Process program
- Collection event sending (S6F11)
- Variable data collection
- Status data collection
- Remote control (S2F42/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

- 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#, C++ or COM/DCOM interface