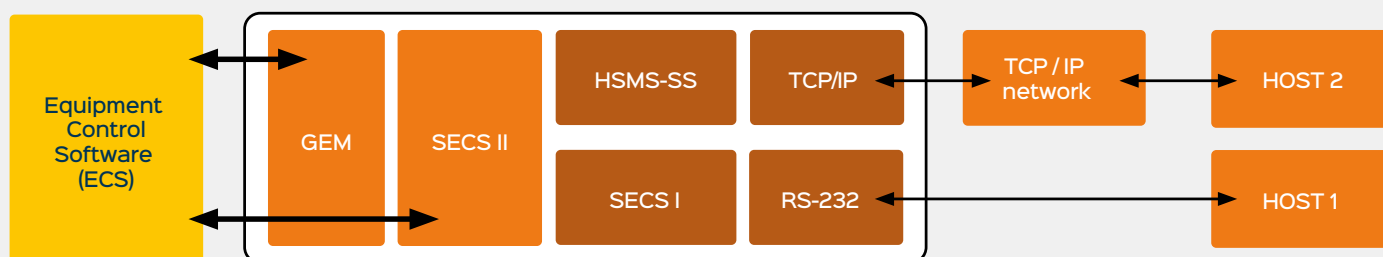# AGIL'GEM

SECS/GEM DRIVER encapsulating SEMI standards required to establish communication with Host/MES/EAP

The software includes SECS-I/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
› 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

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