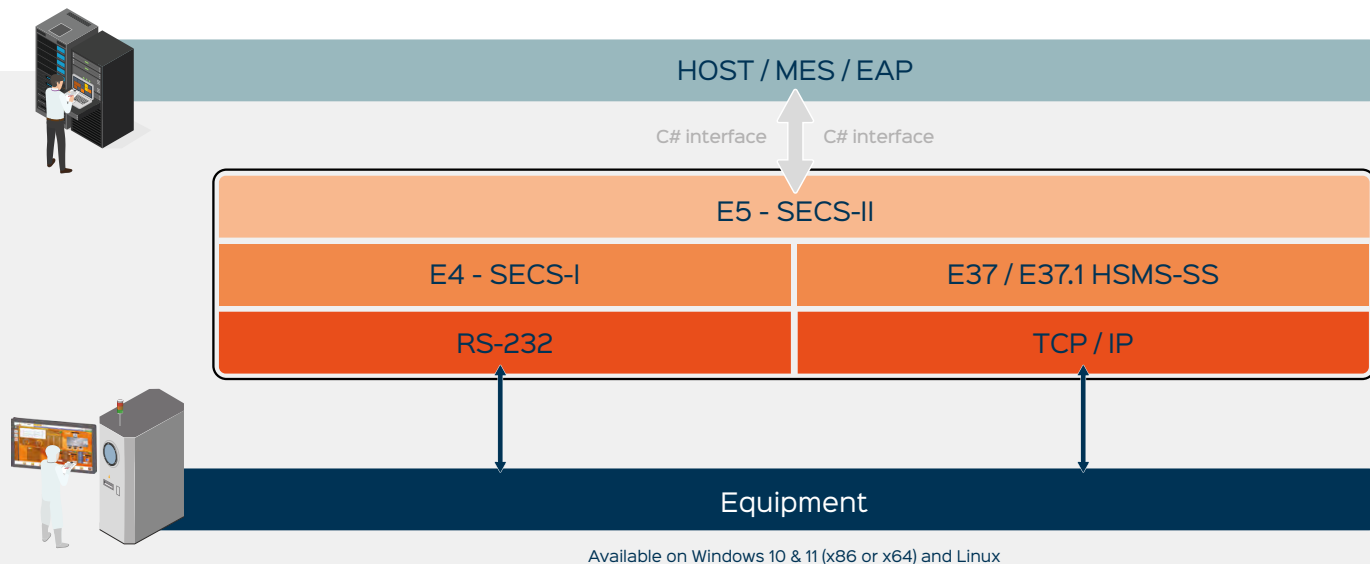




# AGIL' SECS-II

**Send & receive any SEMI SECS-II-compliant message as Host or Equipment.  
Validate GEM and GEM300 quickly.**



## Why Agil' SECS-II?

- › **Price competitive** solution
- › Built-in SEMI **standard communication** functionalities
- › **Transparent switching** between TCP / IP & RS-232
- › Off-site and **on-site software support**
- › **Reduce integration time**
- › Cut defects with **schema validated**, SEDD-aware messages and SMN logs
- › Reduce risk with 15+ years of **field-proven deployments**

## Features

- › Connect to SECS / GEM- or GEM300-compliant equipment
  - Upload / Download Process program / Recipes
  - Send / Receive Collection events (S6F11)
  - Send / Receive Remote Commands (S2F41 / S2F49)
  - Send / Receive ProceedWithCarrier, Create jobs
  - Collect data (traces, polling, ...)
  - Send / Receive Alarms
  - Set Equipment Constants
  - Define E5 like custom messages easily
- › Helpers for all the SECS-II messages for GEM/GEM300
  - Access data in easily browsable **metadata-enriched messages**
  - Create messages with a **correct-by-construction** approach
  - Support Host-to-Equipment / Equipment-to-Host transparently
- › **Validation of the message** against the message descriptions
- › Message log **enriched with Data Dictionary** (SEDD) information
- › Logging both in SMN (E173) & SML

## Supported SEMI standards

- › **E5 SECS-II** message content
- › **E37 / E37.1 HSMS-SS** over TCP / IP
- › **E4 SECS-I** over RS-232
- › **E172 SEDD** for data dictionary
- › **E173 SMN** for XML logging

## Development environment

- › C# API and samples
- › Microsoft .NET ® Framework 4.6.2 or higher
- › Microsoft .NET ® Runtime 8.0 or higher
- › Available on Microsoft Windows® 10 & 11 (x86 / x64) and Linux