Digitized Automation for a Changing World

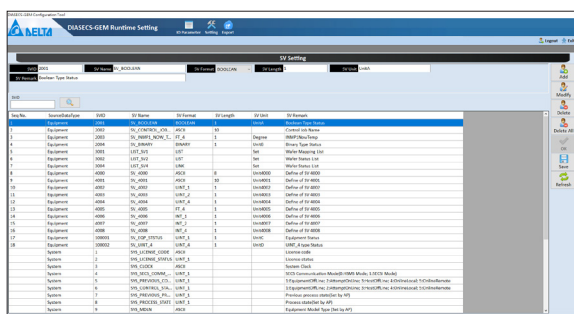# Delta Semiconductor Equipment Standard Communication and Control Application DIASECS-GEM Library

Supports GEM (E30) and GEM300 standards. The DIASECS-GEM Library will automatically process the message content and packet. Users don't need to develop from scratch, only the data content (e.g. SVID) or corresponding events (e.g. CEID) need to be updated.
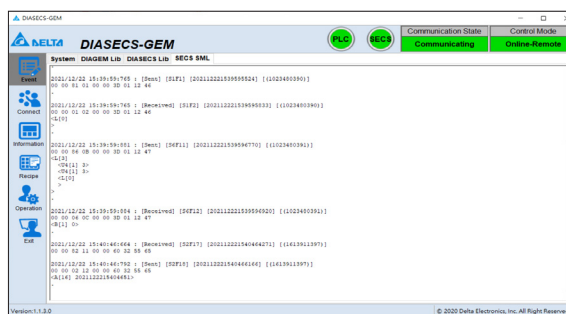
SECS/GEM

- Fully compliant with the SEMI standards
- Features API interface and tools for system configuration & information simulation; Reduces development burden for fast adoption
- Over 300 transactions per second

Highly integrated, user-friendly interface, anomaly tracking

- Highly integrated with SECS/GEM standards, supports most PLC communication protocols
- Config tool offers user-friendly interface, facilitating fast system setting and shortening the deployment time
- Provides complete SECS event history to track anomaly

Event Setting by Configuration Tool

SECS SML Log

Specfications

SEMI Standard	SEMI E4, E5, E37, E30, E82, E88, E39, E40, E90, E94, E87, E116
Communication Capability	Over 300 transactions per second
Log Level	Control Message / Hex / SML
Programmable	Supports DLL and ActiveX; programming languages supported include C#, C++, VB .NET, and Python
Supported PLC	PC-based
User Interface	Support
Application Field	Semiconductor, LED, PCB

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