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 **InFrameSynapse** PLC-Connector

Powerful interface for easy to use equipment integration

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InFrameSynapse PLC-Connector (SEMI PV2)

Powerful interface for easy to use equipment integration

Easy to use even for non SEMI PV2 experts

The InFrame Synapse PLC-Connector allows an equipment provider to supply their equipments with a SEMI PV2 compliant interface with minimal effort. No detailed knowledge about the underlying protocols is required. The configuration and documentation is easily done with a single Excel spreadsheet: PLC function blocks, configuration and documentation are created by the click of a button.

The InFrame Synapse PLC-Connector supports status tracking based on SEMI E10

Highly flexible process data recording

The SEMI PV2 standard allows for highly flexible process data recording as required by the customer. All details of the SEMI PV2 compliant process data recording are entirely handled by the InFrame Synapse PLC-Connector. The PLC just needs to send the relevant process data and alarms to the InFrame Synapse PLC-Connector

Supports all major PLC products and PCs with industrial applications

All major PLC products are supported; other PLC products can be integrated easily on request. The configuration of the InFrame Synapse PLC-Connector is the same for all PLC types.

The InFrame Synapse PLC-Connector now also supports equipments which are not controlled by a PLC but a PC. For Windows and Linux libraries for C and C++ are available. All major compilers are supported.

Two layered approach to minimize PLC impact

The InFrame Synapse PLC-Connector is separated in two layers: One layer running as PLC FBs which are especially designed to impact as little as possible on the PLC: Process data or alarms are just sent without any processing or transformation. The second layer implemented as a standard PC application does all the processing required by SEMI PV2 or the other optional MES interfaces.

Optional MES interfaces

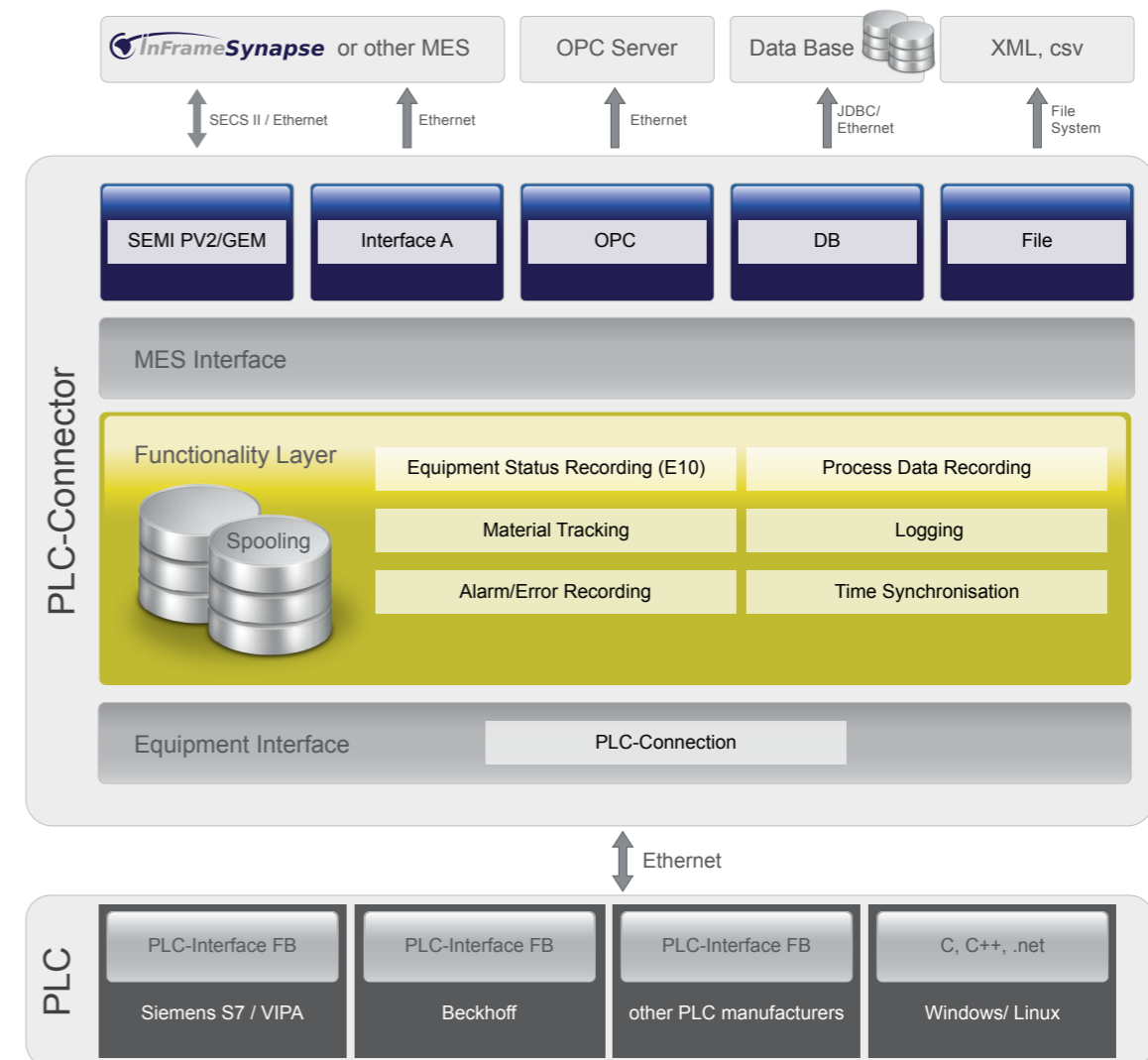
Besides supporting SEMI PV2 standard for the photovoltaic industry, the InFrame Synapse PLC-Connector now supports other types of MES interfaces on request. Currently available are communication to OPC servers and storing process data in all major database types.

OUR SERVICES

- Cost savings by flexible support options. Based on experience, customer picks only the required support options
- Support with SEMI PV2 related issues during the requirements phase
- Hands on workshop: setup working demo on customer hardware
- Support during the project
- Support during commissioning
- Worldwide onsite support and training
- Conception and implementation of customer specific solutions

Features

- Easy to use even for non SEMI PV2 experts
- Highly flexible process data recording
- Supports all major PLC products and PCs with industrial applications
- Two layered approach to minimize PLC impact
- Complex logic for PV2 compliance is provided by the InFrame Synapse PLC-Connector application which runs in a standard PC environment.
- Optional MES interfaces available to communicate with other systems, e. g. OPC servers or databases



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Handwerkstraße 29 • D-70565 Stuttgart

T: + 49 (0) 711 7 82 40 89-0

F: + 49 (0) 711 7 82 40 89-10

info@acp-it.com

www.acp-it.com

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