

PROFILE

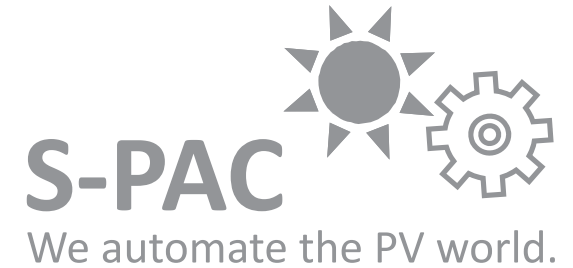
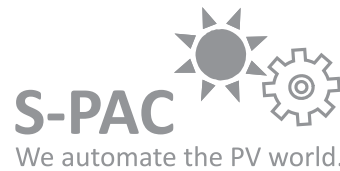
Innovative Software for Industrial Automation

- Development of requirement and specification documents
- Specification and conception
- Fab Simulation
- Development of customized software solutions
- System integration
- Software tools for control, communication, process visualisation, data management
- MES and Line Controllers
- Hardware for control and IT systems
- Planning and construction of electrotechnical equipment (with partners)
- Entire project handling and management
- On-Site Installation service
- Worldwide service and support
- Consulting and training

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S-PAC

Saxon Photovoltaic Automation Cluster



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SOFTWARE SYSTEMS



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PRODUCTS

All out of one hand:
Easy migration to MES

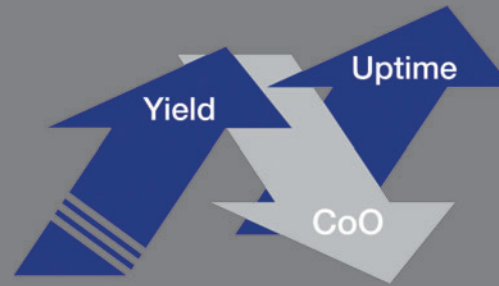
The implementation of an integrated MES system is always based first and foremost on the process. This is why the **FabEagle®** Suite allows different stages of integration.

FabEagle®POMS

The first stage involves process-oriented data acquisition at the tool level (MDA) and product level (PDA). It is in this shell that the **FabEagle®POMS** system is integrated, the focus of which lies on monitoring key performance indicators (KPIs) in accordance with SEMI E10 and E79, i.e. the orientation is on uptime and service. Ideally, a single wafer tracking system (WTS) is already integrated into this first shell. This allows a clear assignment of the data to an SPC system.

FabEagle®MES

Finally, when a fully automated system will be required, this installation can be easily migrated to a complete **FabEagle®MES** system to remotely dispatch & organize the material flow, control the equipments and collect & evaluate the data over the entire FAB. Correlations between the processes are calculated and APC models can be implemented to control the tools and processes. ERP data are integrated at this stage. All data is saved in Oracle databases, thereby ensuring the seamless continuity of the **FabEagle®MES** automation system.

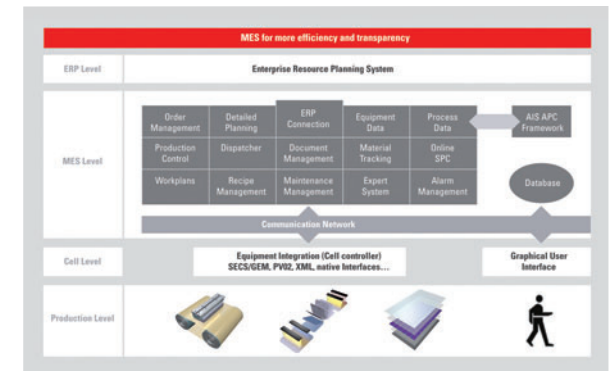
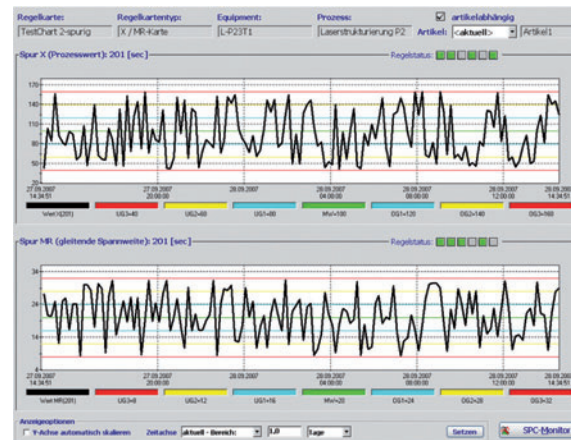


INNOVATIONS

Optimization of your production
seamless integration
and preventive maintenance

Fast integration of equipments

Equipment Integration made easy with seamless integration opportunities into you existing IT infrastructure. The components of the **FabEagle®** Suite connect natively to all Meyer Burger machines with a high performance, industry strength communication architecture and is open to be integrated by configuration with other equipments. Peripheral devices like barcode scanners, RFID stations, label or laser printers can be easily integrated too.



Maintenance Management

With its built in Data Analysis functionality, the **FabEagle®MES** can support equipment performance tracking, preventive maintenance planning and tracking of consumed spare parts.