



advanced clean production
Information Technology AG

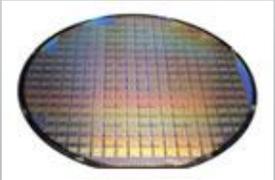
Be a step ahead! IT your fab!

Company Presentation

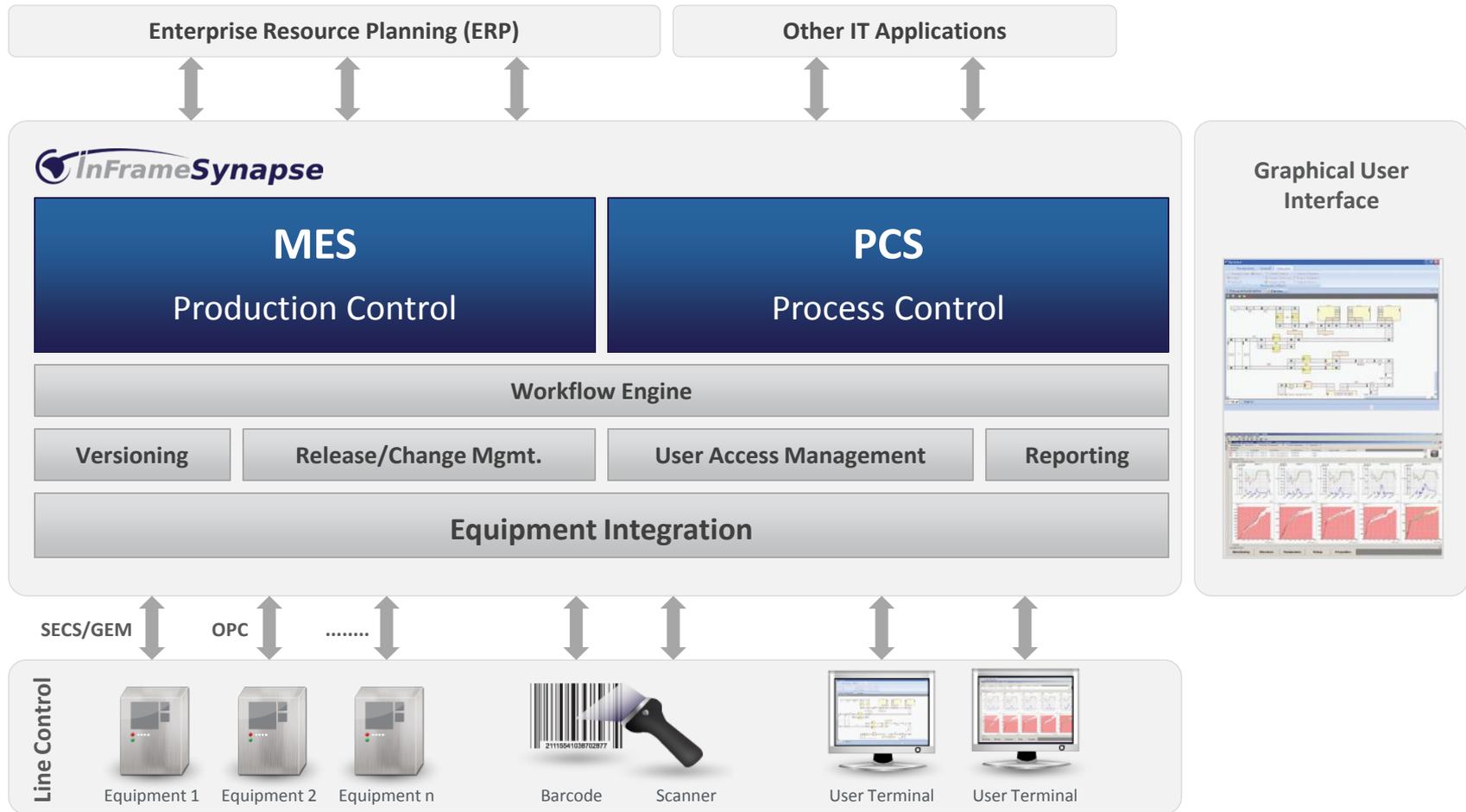
Target markets of acp-IT

acp-IT focusses in its portfolio on clients with complex and highly automated production environments.

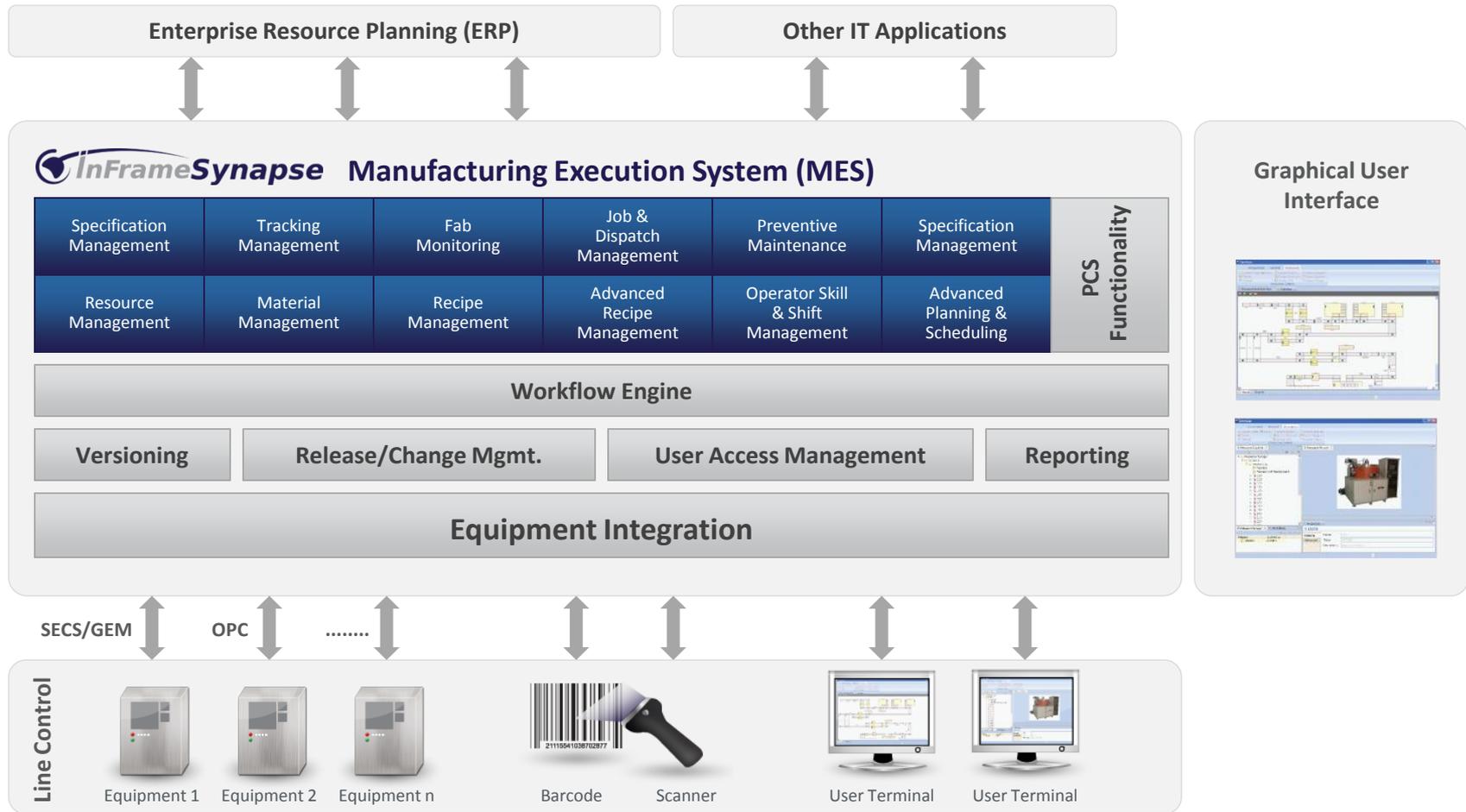
Production IT with  **InFrameSynapse**

Photovoltaic	Semiconductor	Discrete technology manufacturing	Automotive
<p>Ingot & wafer Poly silicium Cell Thin film Module</p> 	<p>Front end Wafer test Back end Final test</p> 	<p>PCB manufacturing Precision assembly Sensor fabrication Electronic assembly</p> 	<p>Body shop Paint shop Assembly Finishing</p> 

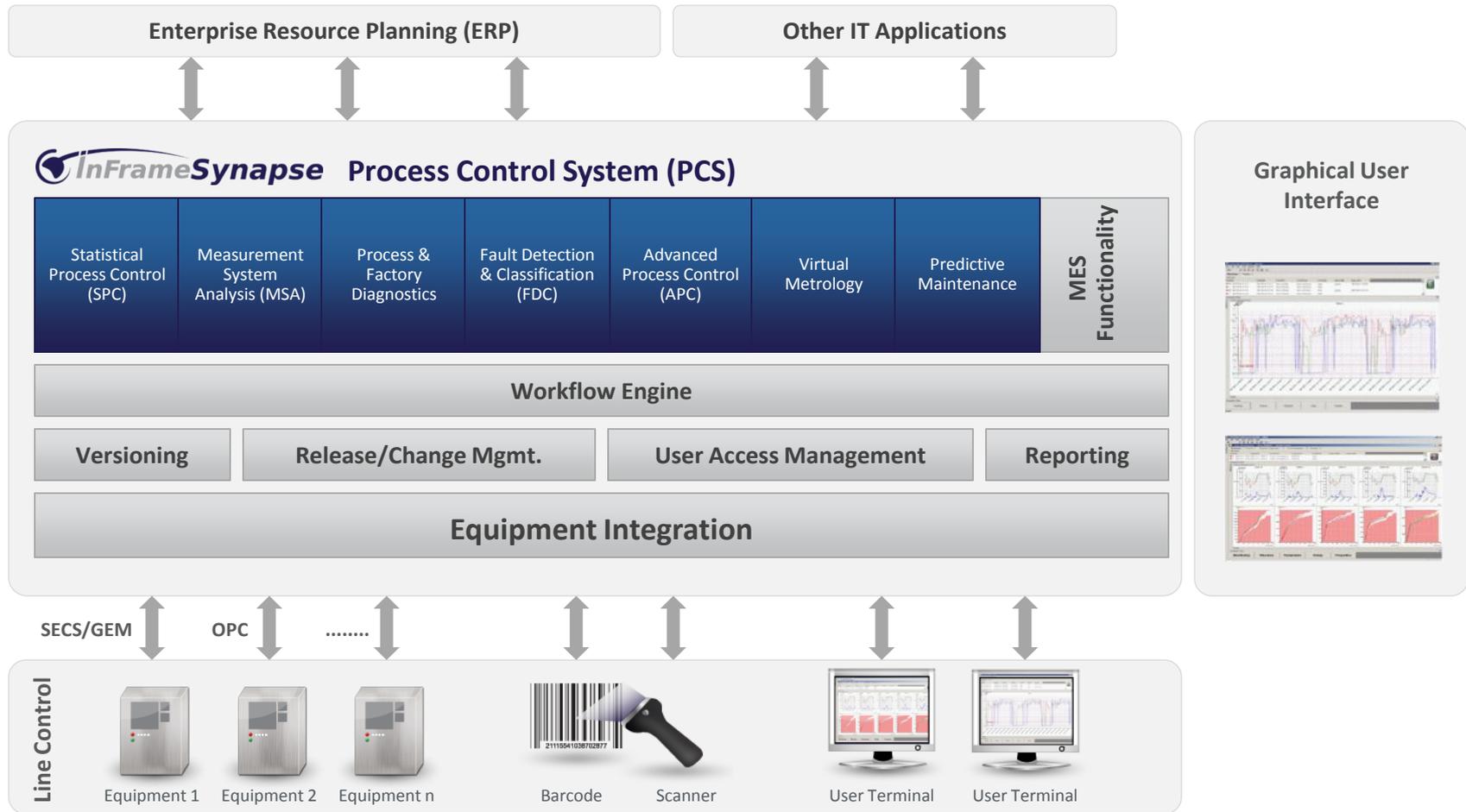
InFrame Synapse offers an Integrated Functionality for Production Control and Process Control



InFrame Synapse Manufacturing Execution System (MES)

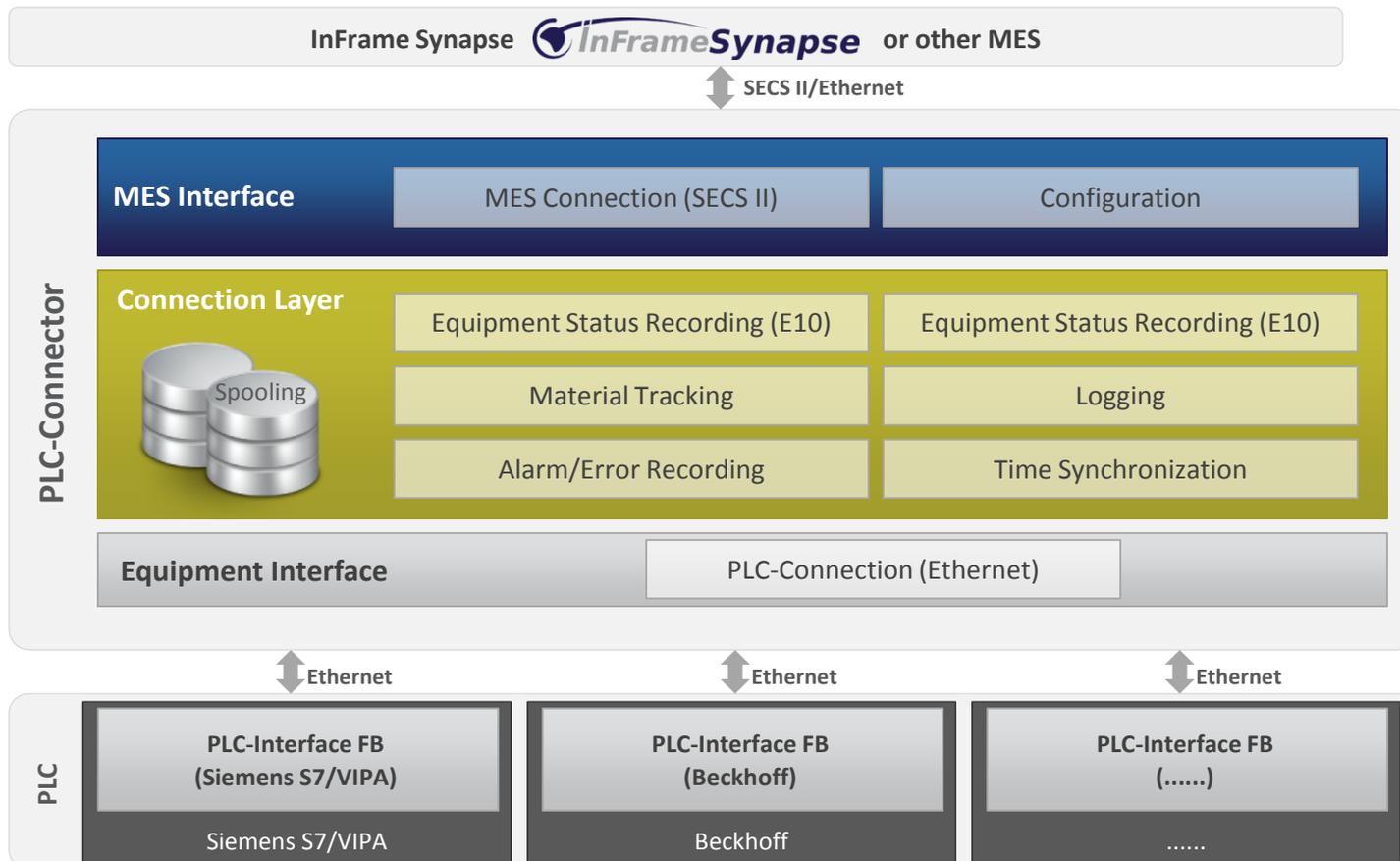


InFrame Synapse Process Control System (PCS)



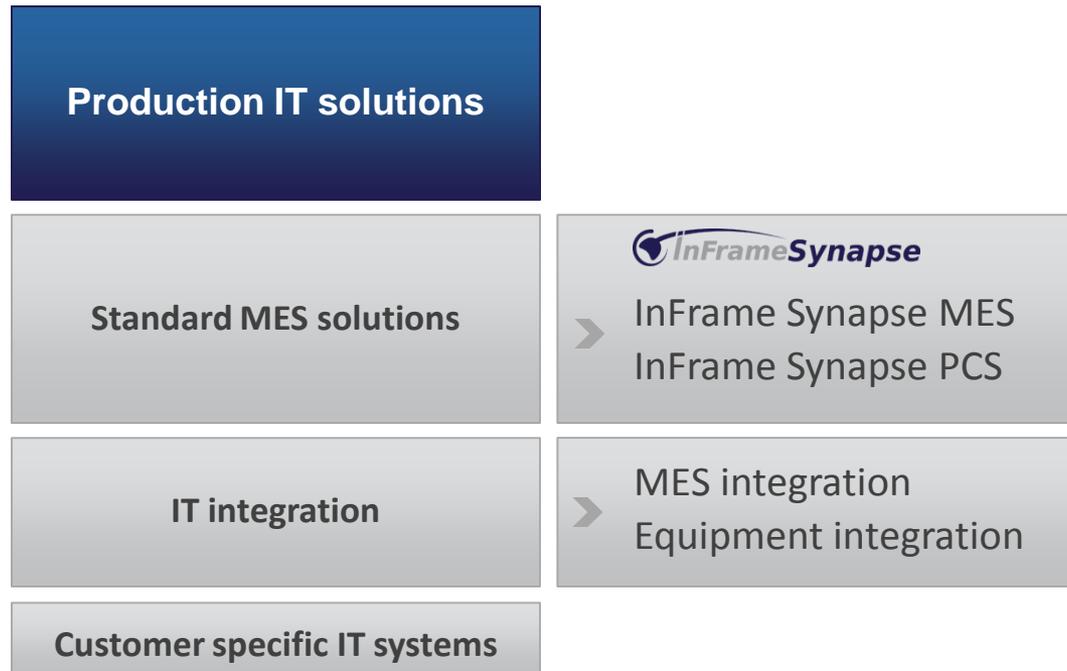
InFrame Synapse PLC-Connector (SECSII/GEM)

acp-IT's PLC-Connector (SECSII/GEM) provides a configurable bridge between equipment and the MES



Production IT Solutions

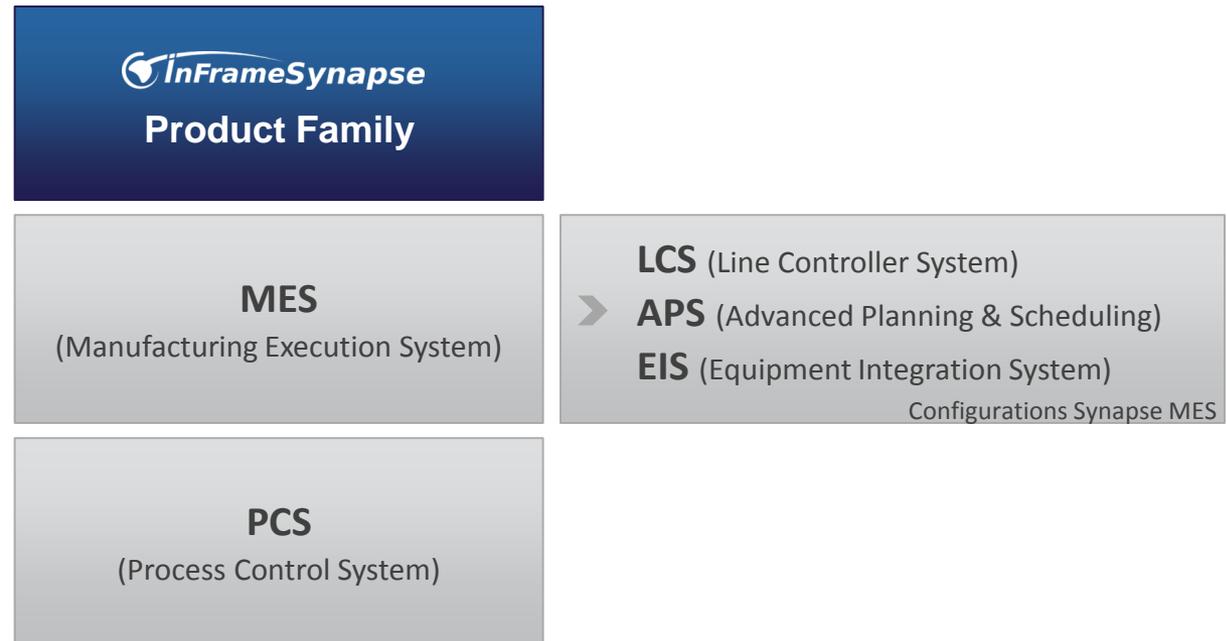
acp-IT AG develops and implements software solutions for automation and operating of complex production and manufacturing equipment.



InFrame Synapse Turn-Key solutions

InFrame Synapse is a modular product family configurable for customer specific production IT software solutions

- Products are independent
- Based on identical technologies and libraries
- Open interfaces
- Easy to adapt to customer requirements



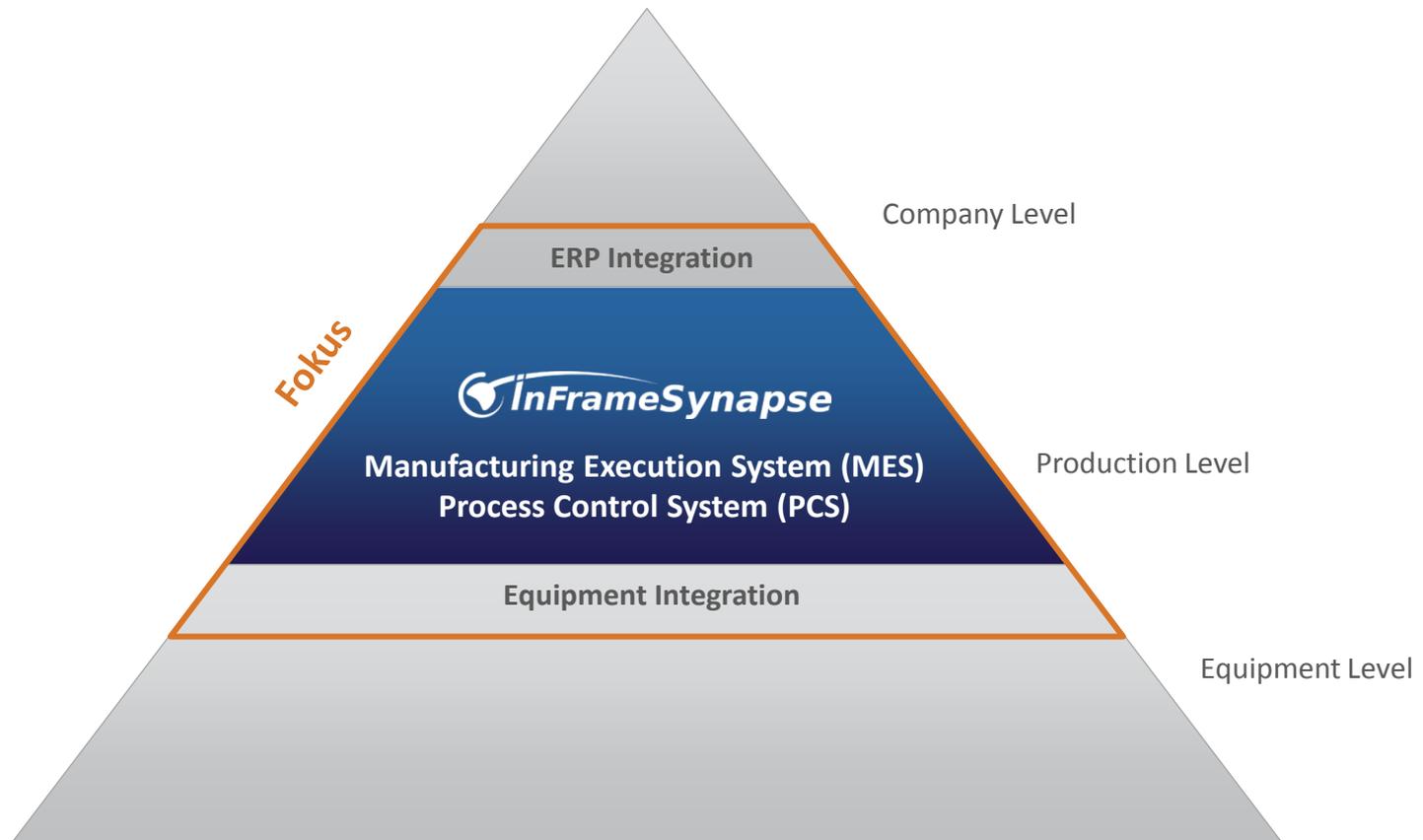
Your Partner for *Clean Production*

acp-IT is your partner in the design of lean production processes, efficient logistics and flexible information technology. Targeted is a *clean production*, i.e. optimum process flows with flexible IT tools.



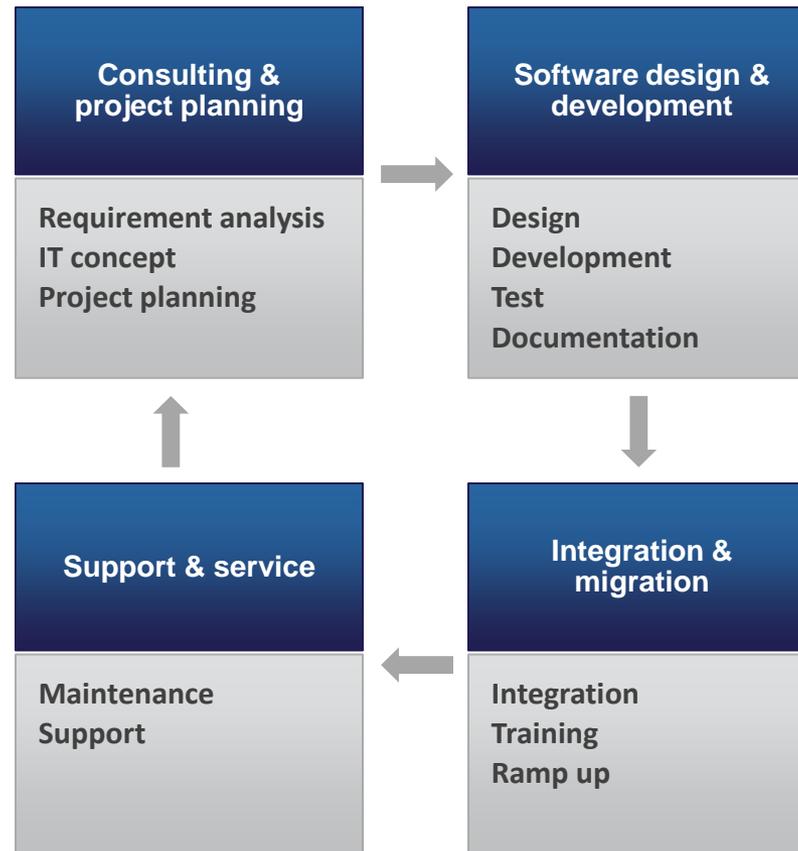
Application range and focus of acp-IT

Our focus is on processes and systems in the area of engineering and manufacturing



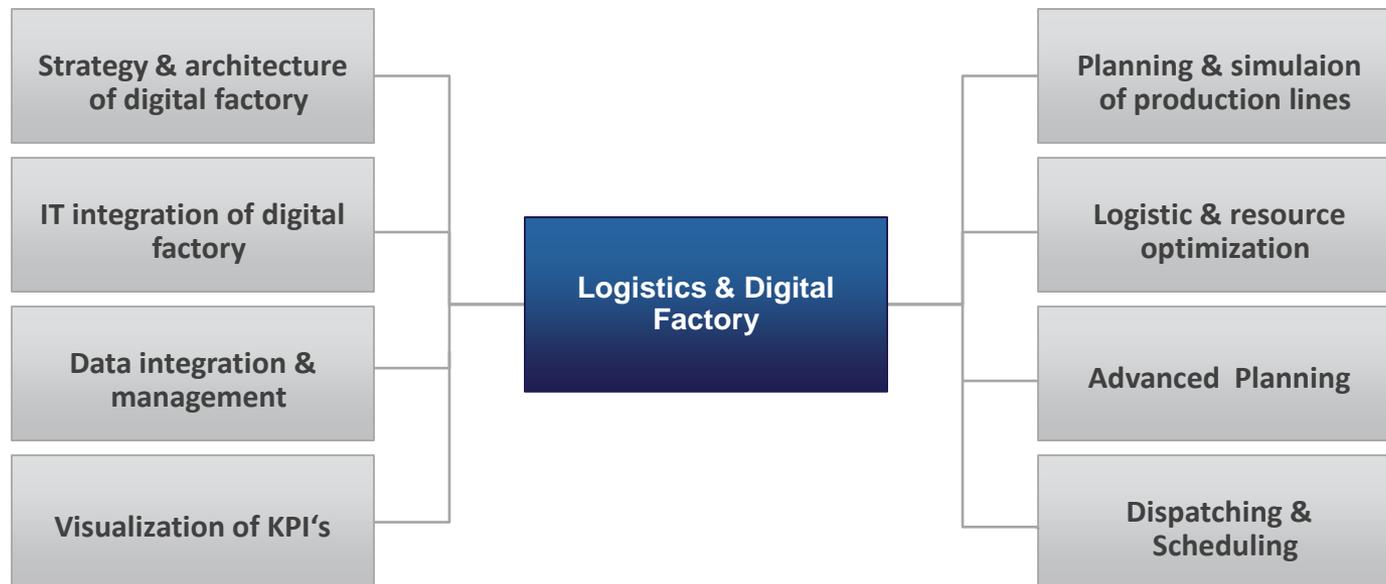
Production IT Solutions: Life Cycle

acp-IT offers the complete service from conception and planning via implementation to maintenance and support.



Logistics and Digital Factory

acp-IT offers proved know how for analysis, layout, simulation and optimization of production sites as well as their mapping in the digital factory.

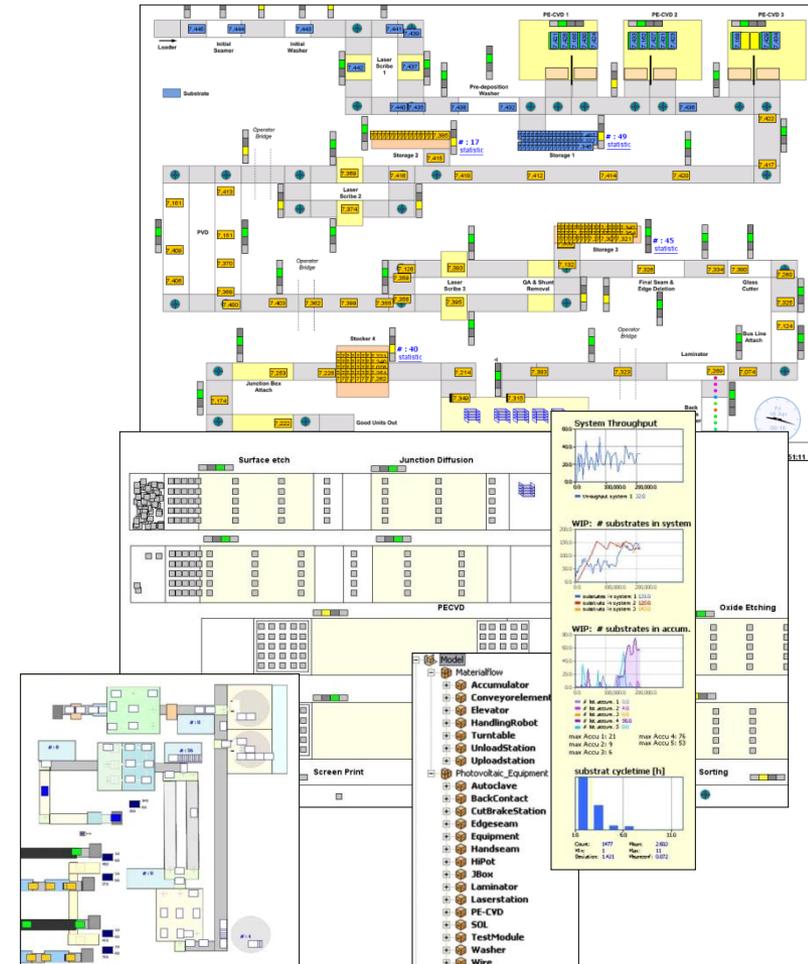


Logistics and Digital Factory

acp-IT has developed a specific PV Library in AnyLogic™ shortening time and reducing the effort in order to create a factory base model.

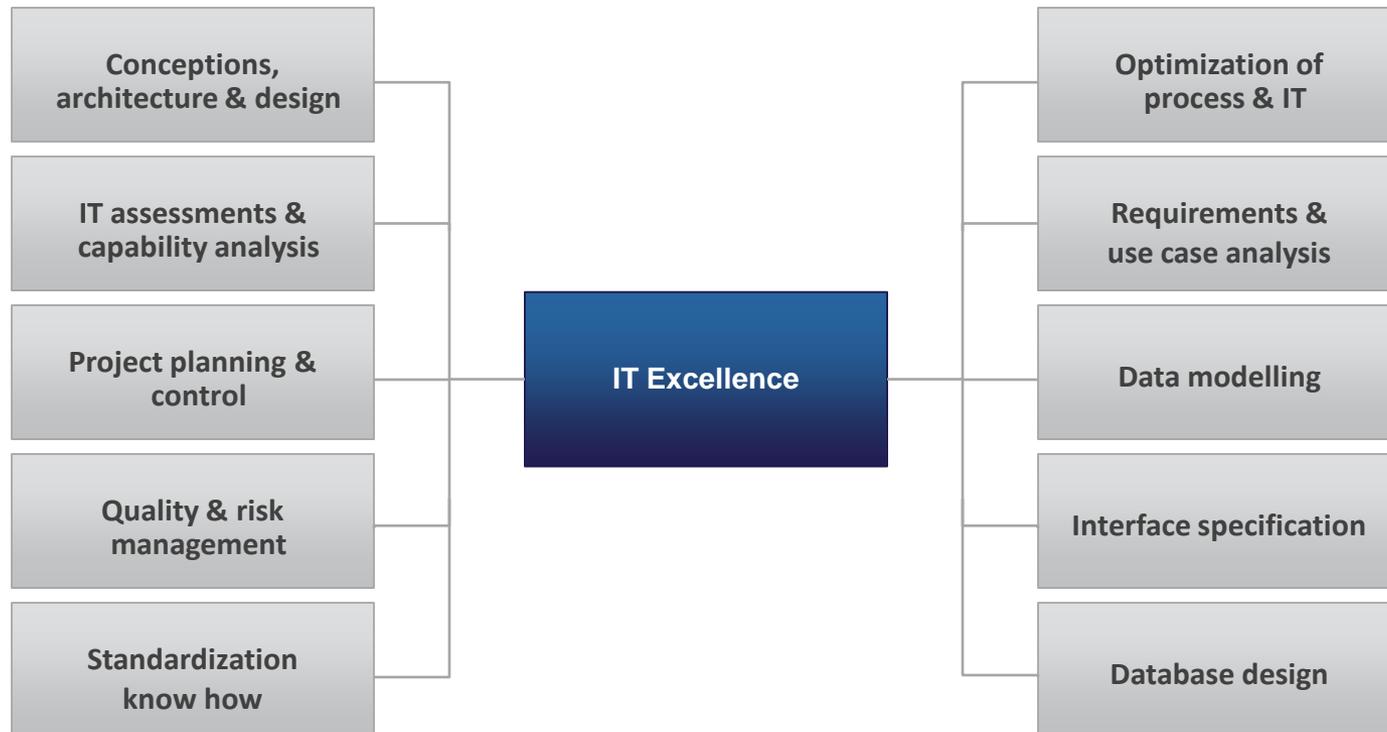
AnyLogic™ Simulator is

- a powerful multi-paradigm software for material flow modelling written in Java,
- provides a highly advanced flexible animation framework,
- enables excellent data visualisation and
- has the capability to run on any Java™-enabled platform and even to make simulation runs with generated applets.



IT Excellence

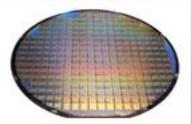
We offer a complete service portfolio to supply our clients in IT project management which comprises technical and organisational aspects.



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Overview:

- 62 employees
- Founded in 2001 as spin off of Fraunhofer Institute of Production Engineering & Automation, Stuttgart
- Key Accounts in the areas:

Photovoltaic	Semiconductor
	
Discrete technology manufacturing	Automotive
	



Partners: FHG IPA, FHG ISE, Miraq LTD, DrSchenk, ...
 Active member of standardization organisations (e.g. SEMI, VDI, VDMA)
 Certified according to DIN EN ISO 9001-2000

A network of implementation and service partners supports our customers worldwide

Partner network for InFrame Synapse

- A worldwide network of implementation and service partners is presently being build up
- Implementation and services (2nd level support) are handled by the local partners



References (extract)

acp-IT AG has supported major companies in successful projects.



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Thank you for your attention.

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