



advanced clean production
Information Technology AG


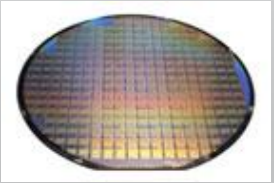


Be a step ahead! IT your fab!

Company Presentation

Target markets of acp-IT

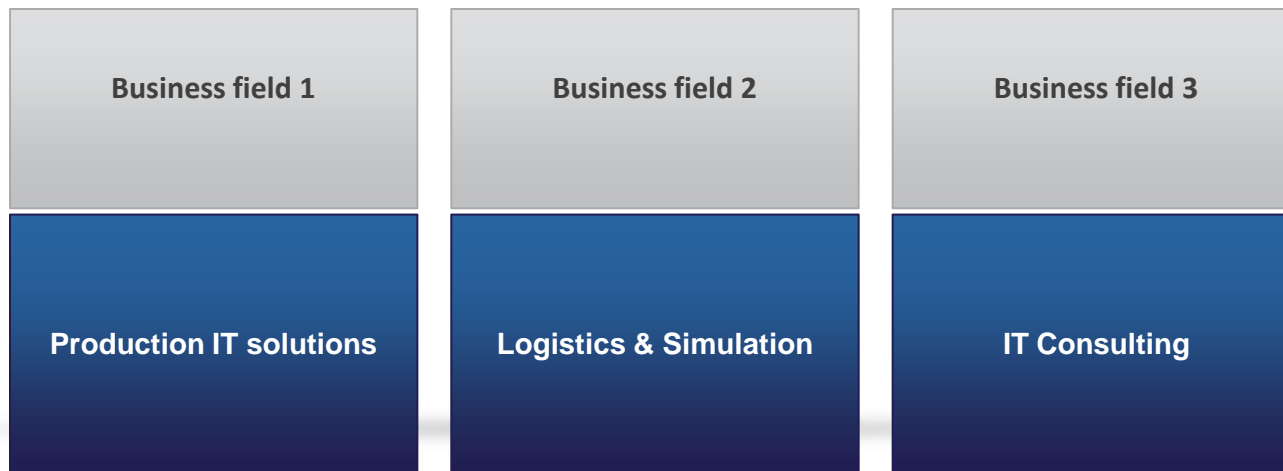
acp-IT focusses in its portfolio on clients with complex and highly automated production environments.

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> 

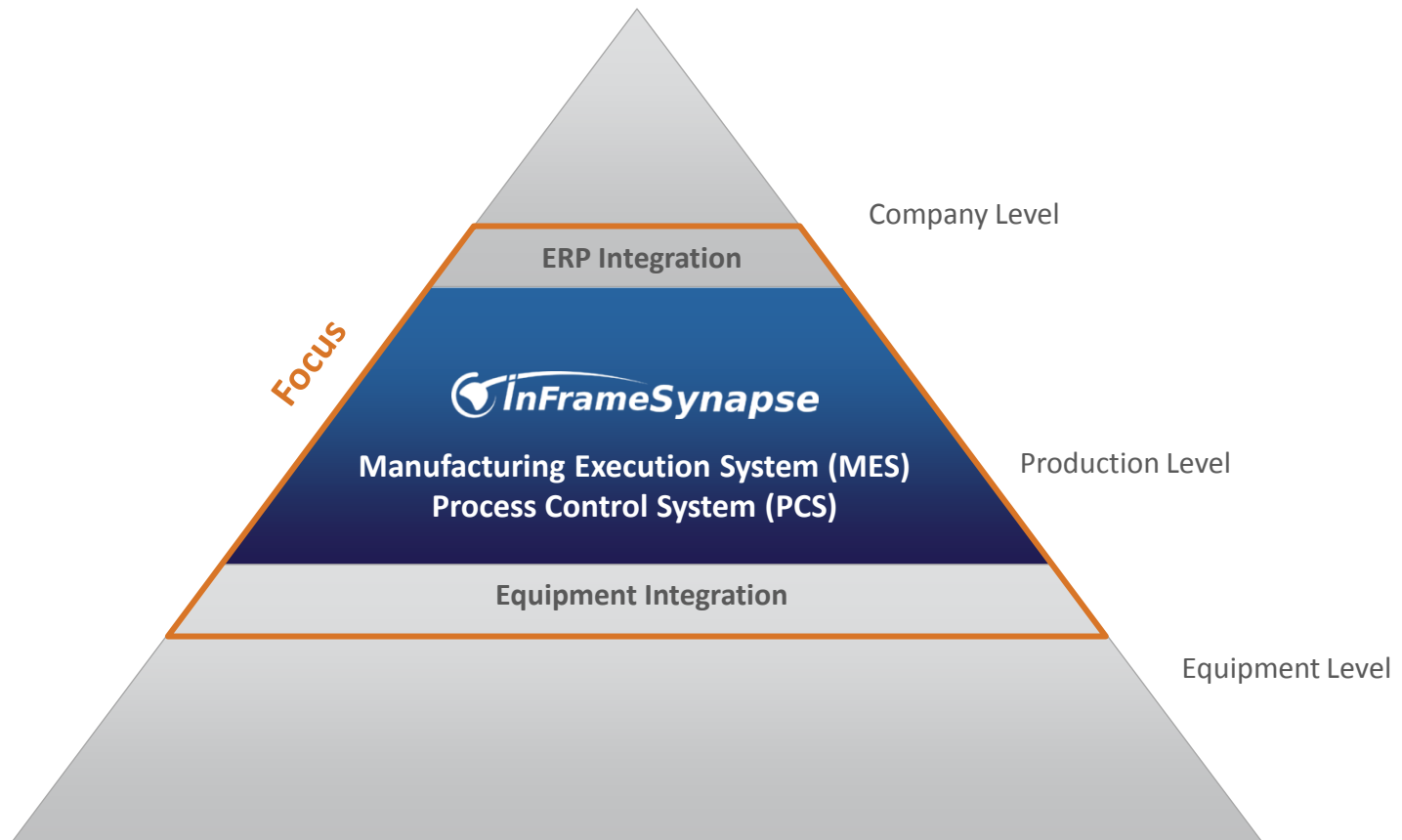
Your Partner for *Clean Production*

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.



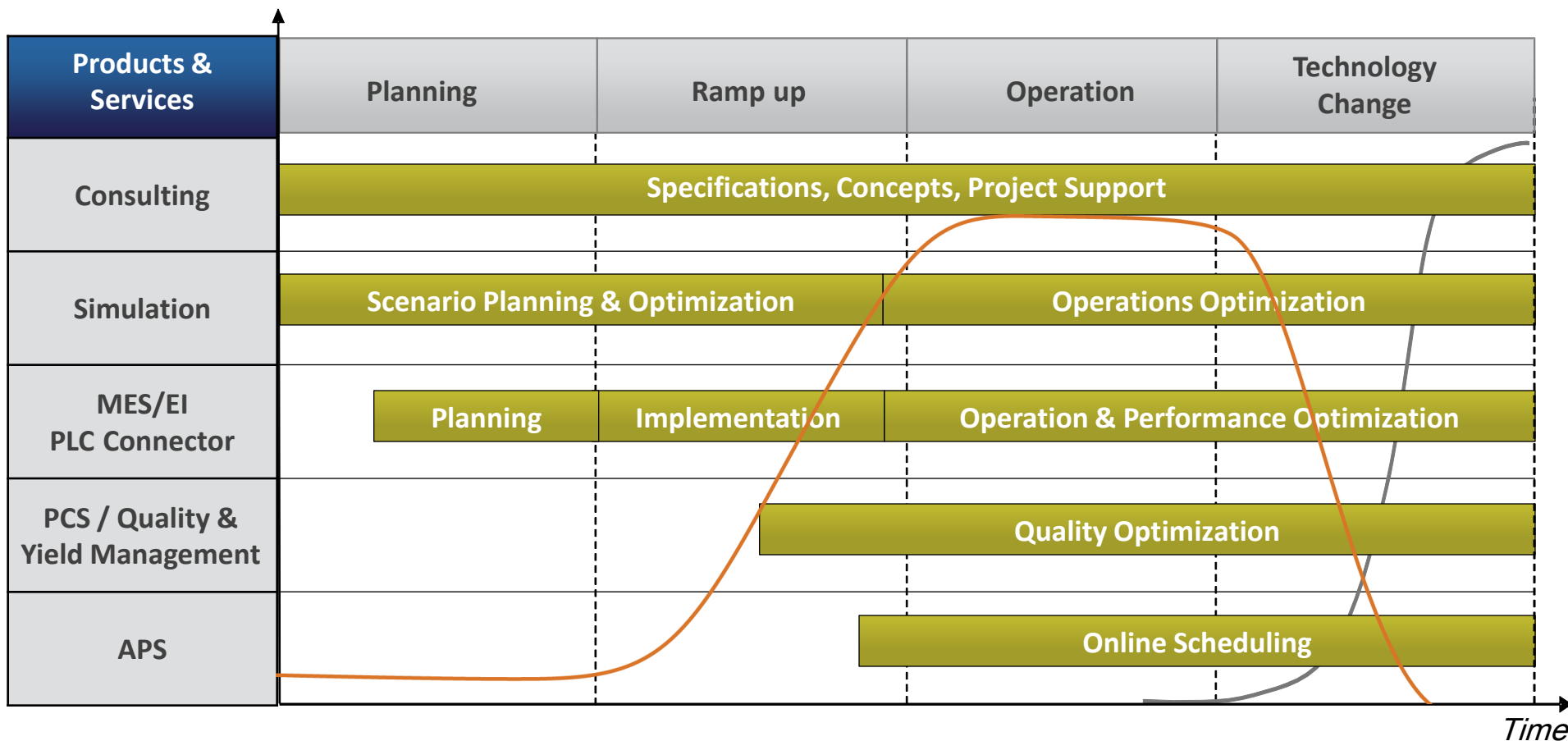
Application range and focus of acp-IT

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

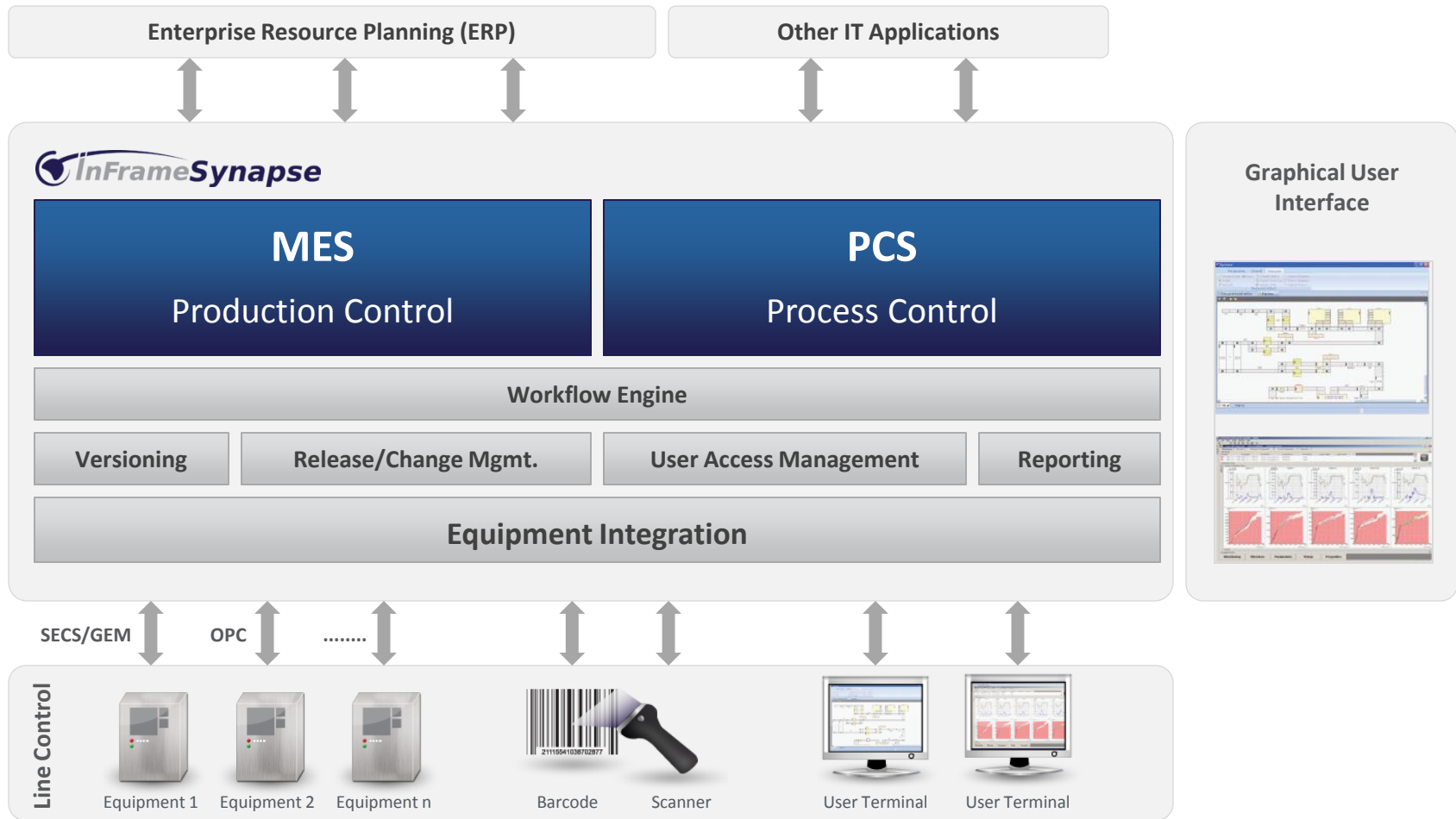


acp-IT's Portfolio supports the full value add chain in manufacturing

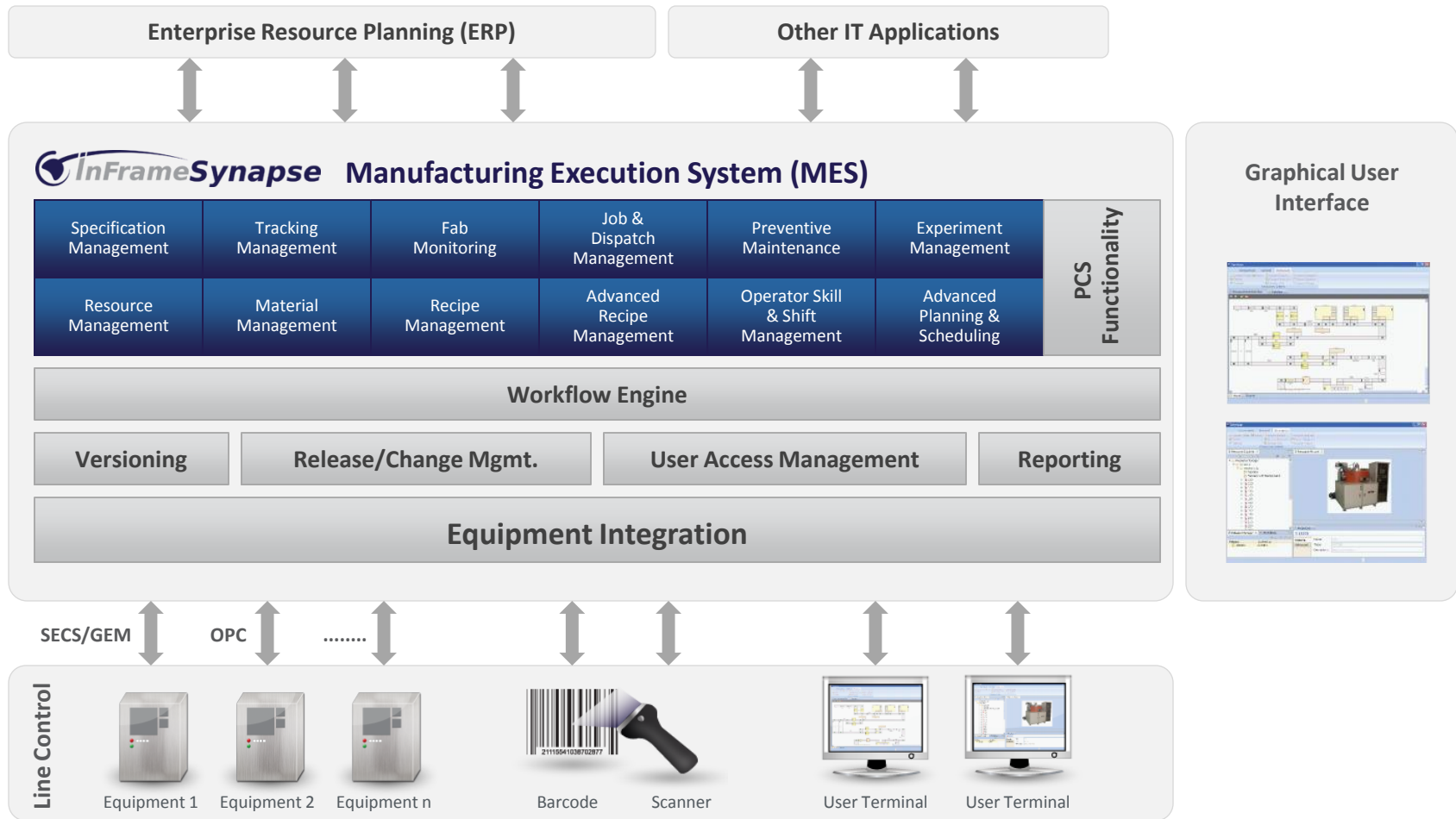
acp-IT's product and service portfolio covers the complete life cycle of highly automated production lines to best fit our customer's needs!



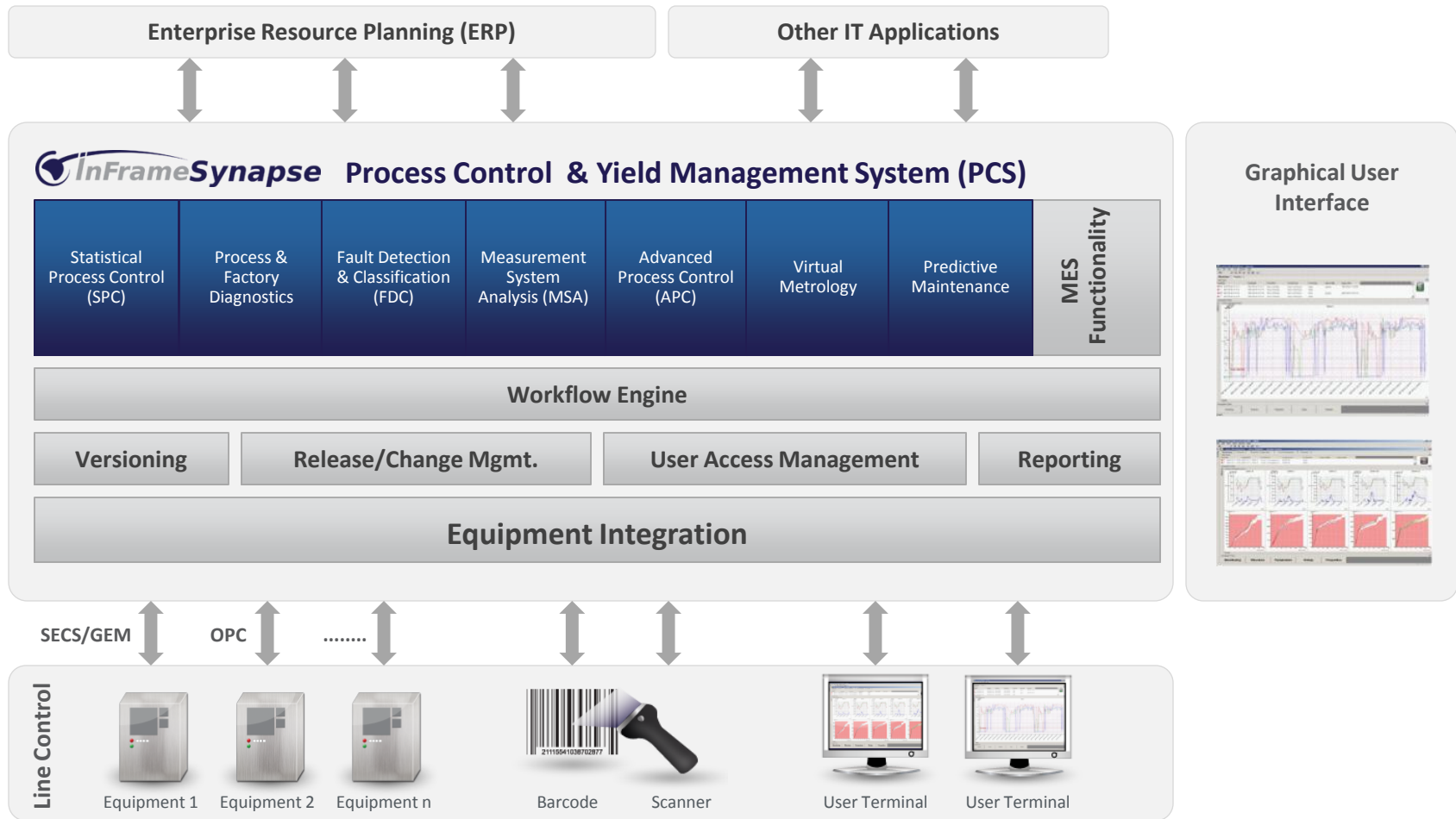
InFrame Synapse offers an integrated functionality for Production and Process Control



InFrame Synapse Manufacturing Execution System (MES)

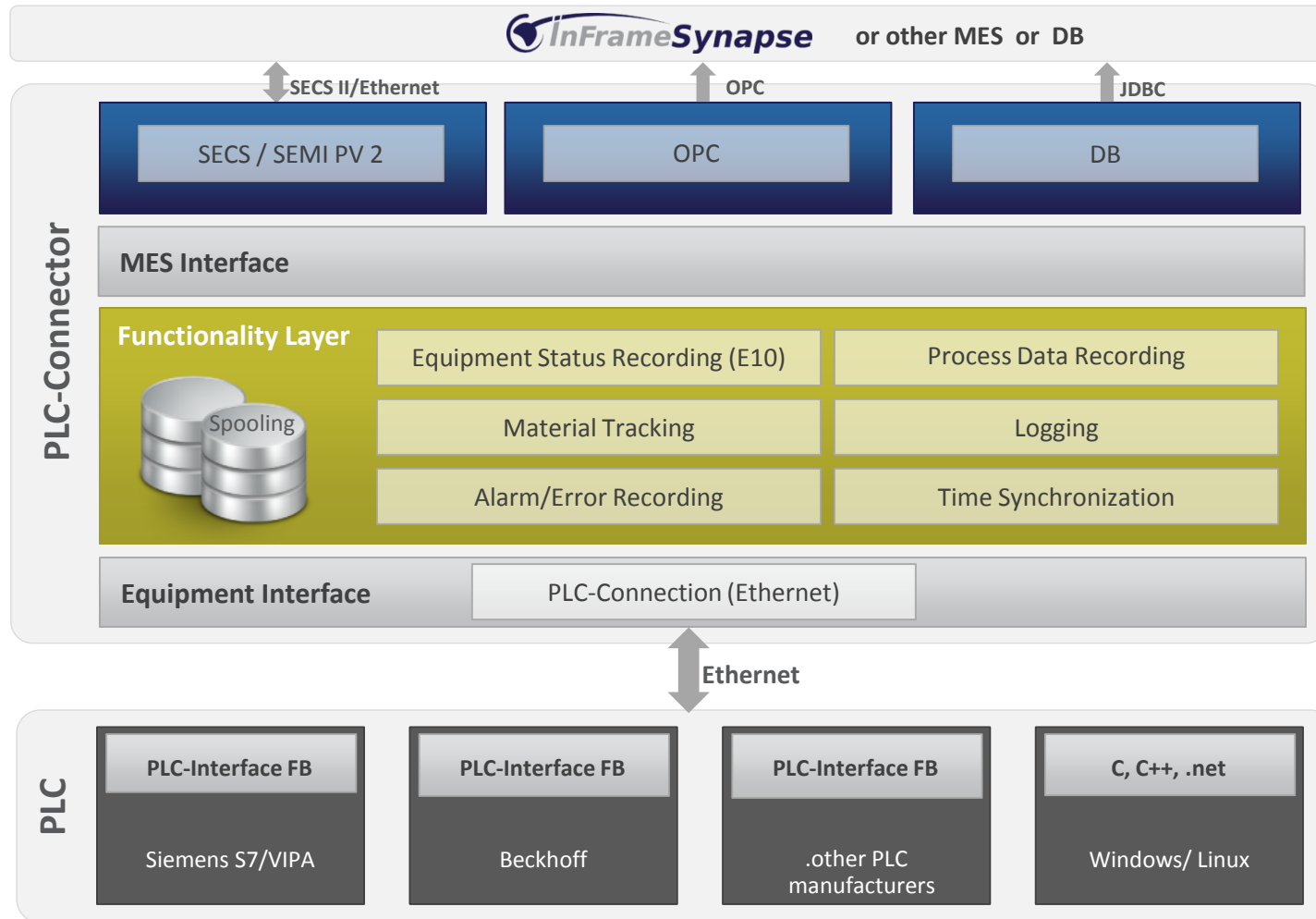


InFrame Synapse Process Control System (PCS)



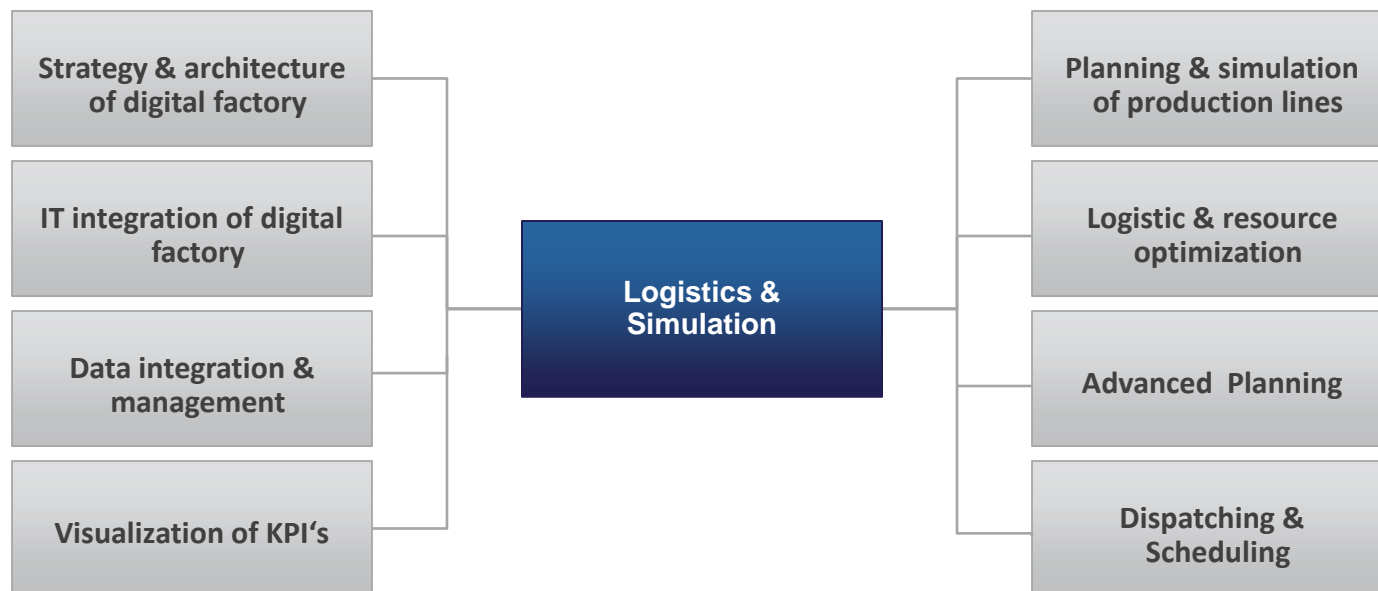
InFrame Synapse PLC-Connector v3 (SEMI PV 2)

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



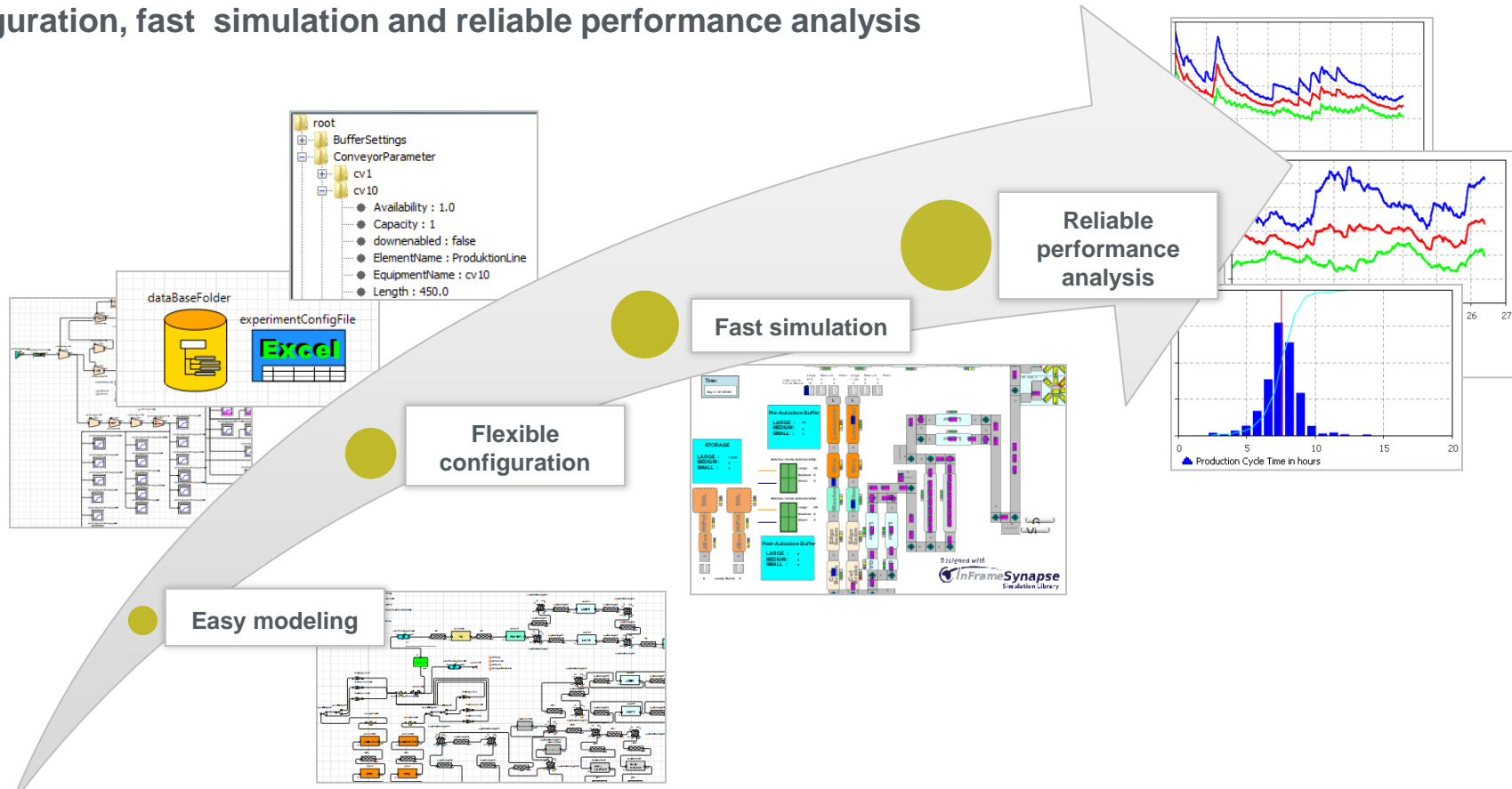
Logistics and Digital Factory

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



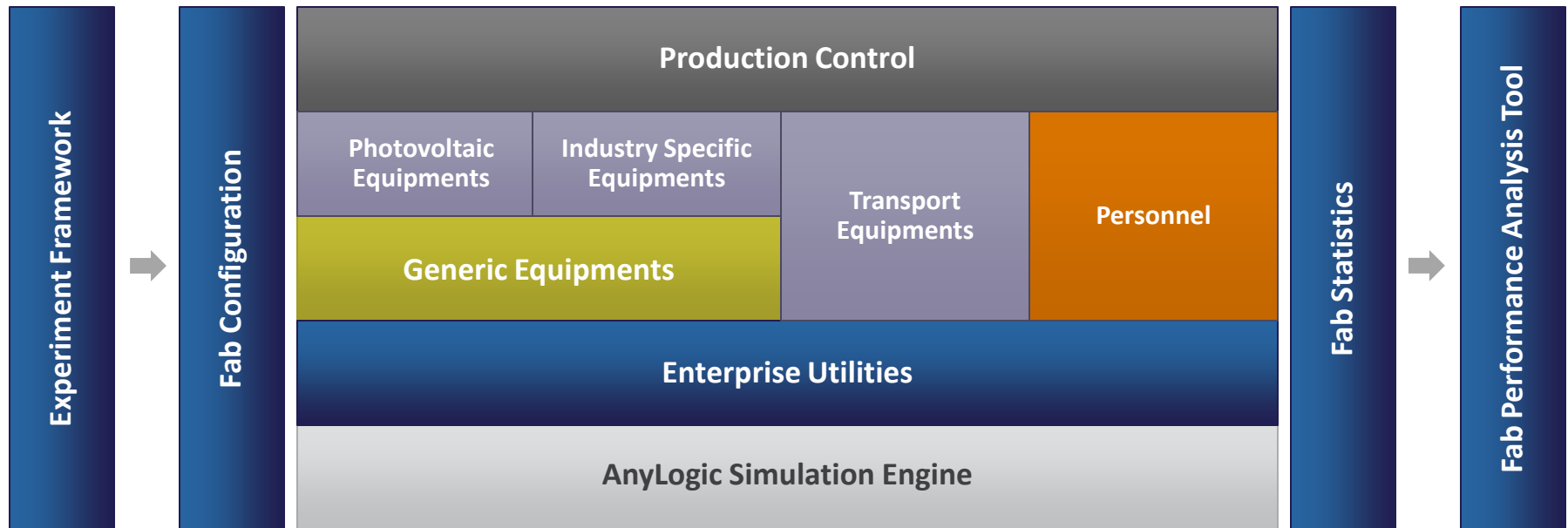
Logistics and Simulation

acp-IT has built a powerful Fab simulation suite, oriented on easy modeling, flexible experiment configuration, fast simulation and reliable performance analysis



InFrame Synapse Simulation Suite

The Simulation Suite consists of interoperable applications and libraries, configurable on user needs


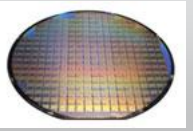




InFrame Synapse Simulation Suite is built on top of Anylogic Simulator

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Overview:

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

Photovoltaic	Semiconductor
	
Discrete technology manufacturing	Automotive
	



Partners: FHG IPA, FHG ISE, CH2MHILL, Duality Principle, ORTEC, Miraq LTD, DrSchenk, Systema
 Active member of standardization organisations (e.g. SEMI, VDI, VDMA)
 Certified according to DIN EN ISO 9001-2000

Partner network for InFrame Synapse

A network of implementation and service partners guarantees local support for our customers



References

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





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Thank you for your attention

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