acp-IT: Your Partner in Production IT

acp-IT is your partner in production IT: MES & process control solutions with InFrame Synapse, simulation services for highly-automated manufacturing lines as well as IT consulting from architecture to project management

From IT support during fab planning, providing production with the necessary master data from engineering, up to daily operational business: acp-IT offers the right IT solutions for production planning and control.

acp-IT merges all its expertise knowledge in the InFrame Synapse MES software platform for developing and integrating IT applications into the production environment. A modern SOA and web service based, modular architecture form the Manufacturing Execution System (MES) and the Process Control System (PCS) InFrame Synapse.
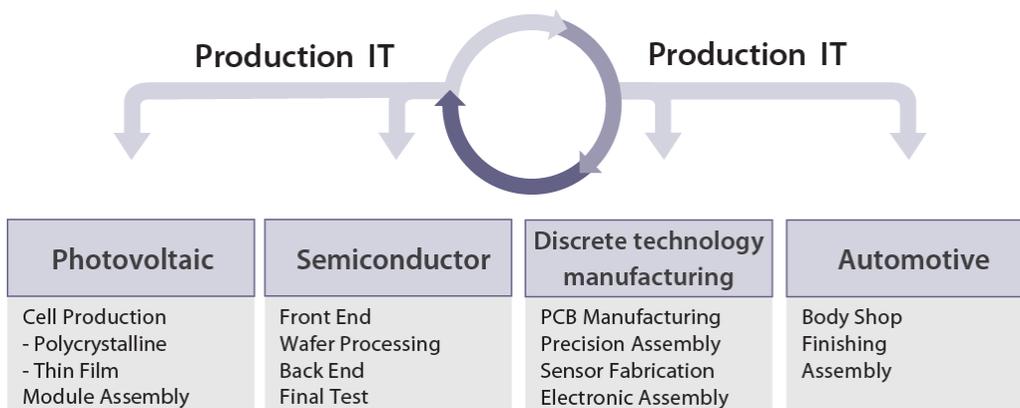
The integrated workflow engine enables acp-IT to reduce project implementation times and cost and helps to perfectly adapt to the customers' needs. InFrame Synapse provides high scalability and reliability to support a broad range of production environments.

Products and services

- Implementation of InFrame Synapse MES for monitoring and control of complex manufacturing sites and InFrame Synapse PCS for Statistical Process Control (SPC), diagnostics , Fault Detection and Classification (FDC) as well as Advanced Process Control (APC)

- Reliable know-how in analyzing, sizing and optimizing production areas as well as in the transformation into the digital factory world using the InFrame Synapse Simulation Library based on the simulation tool AnyLogic

- Conception, development and implementation of customer-specific software solutions for automation and equipment integration

- IT consulting for software architectures, design and quality assurance and SEMI standardization

Sectors

We constantly keep our industry knowledge up to date to be able to keep up with our customers' production technology and to understand their business. All our customers benefit from this cross-industry experience. That is why we bank on cross-industry knowledge exchange wherever it is reasonable. Our portfolio focuses on four sectors of the manufacturing industry:

Photovoltaic	Semiconductor	Discrete technology manufacturing	Automotive
Cell Production - Polycrystalline - Thin Film Module Assembly	Front End Wafer Processing Back End Final Test	PCB Manufacturing Precision Assembly Sensor Fabrication Electronic Assembly	Body Shop Finishing Assembly

BUSINESS

- Production IT solutions
- IT consulting
- Logistics & digital factory
- Product data management
- System integration

SOLUTIONS

- Tools for production planning and control as well as Manufacturing Execution Systems (MES)
- Tools for SPC, Fault Detection and Classification (FDC) and Advanced Process Control (APC), for comprehensive diagnostics of historical equipment data, process data and quality data
- Connection and integration of production equipment to MES and Process Control System (PCS)
- Engineering systems for master data supply for production
- Applications and simulation methods for planning and optimizing production lines

LOCATIONS

With our locations in

- Stuttgart
- Dresden
- Timisoara (Romania)
- Villach (Austria)

we offer professional IT products and services for production planning and control of high-tech manufacturing facilities.

CONTACT

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